Appendix A
Daily Field Reports

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DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: August 13, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Kevin Smerud, Josh Blais

Site Location: Brooklyn, New York

Weather Conditions

General Description	Sunny	AM	Sunny	PM
Temperature	70	AM	87	PM
Wind	Variable	AM	Variable	PM

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Traffic

Summary of Work Performed	Arrived at site:	0845	Departed Site:	1715

- o (0845) K. Smerud and J Blais (EA) onsite for mobilization of topographic survey.
- o (0900) Obtain access to N. 12th Street Gate from Vijittri (NYC Parks)
- o (0935) CT Male, Z. Sandford and W. Schwiebert onsite. Conduct safety meeting. Setup equipment
- o (1020) Begin topographic survey at the Former Pratt Refinery, existing wells and proposed locations.
- o (1500) CT Male offsite.
- o (1515) K. Smerud and J. Blais clear debris for access to location SB-PR-1 and along north fence/shoreline.
- o (1715) K. Smerud and J. Blais offsite.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Kevin Smerud	EA	Geologist	8.5
Josh Blais	EA	Engineer	8.5
Zachary Sandford	CT Male	Surveyor	5.5
William Schwiebert	CT Male	Surveyor	5.5

Equipment Description	Contractor/Vendor	Quantity	Used
Work Trucks	EA/CT Male	2	8.5
Trimble Survey Equipment	EA/CT Male	2	8.5

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

None

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



Mark/survey location SB-PR-8



Mark/survey location SB-WI-05

Comments

None

Site Inspector(s): Kevin Smerud

Date: 8/13/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	Yes ☐	No ☐	N/A☒
Comments:			

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: August 14, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Kevin Smerud, Josh Blais

Site Location: Brooklyn, New York

Weather Conditions

General Description	Partly Cloudy	AM	Sunny	PM
Temperature	76	AM	89	PM
Wind	Variable	AM	Variable	PM

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Traffic

Summary of Work Performed	Arrived at site:	0900	Departed Site:	1615

- (0900) K. Smerud and J Blais (EA) onsite. Begin searching for and opening existing wells.
- (1000) CT Male Z. Sandford, W. Schwiebert, J. Brink onsite, setup equipment, safety meeting.
- (1020) Begin topographic survey at the Former Pratt Refinery (J. Brink), begin surveying existing wells and proposed locations at CitiStorage and Former MGP Site (Z. Sandford, W. Schwiebert).
- (1056) J. Blais offsite.
- (1425) Finish surveying existing wells and proposed locations at CitiStorage, Former MGP Site, and Former Pratt Refinery.
- (1440) Continue topographic survey at the Former Pratt Refinery, (J. Brink, Z. Sandford, W. Schwiebert)
- (1530) CT Male collects control points, cleans up equipment.
- (1545) CT Male offsite
- (1615) K. Smerud offsite

Personnel and Equipment

Individual	Company	Trade	Total Hours
Kevin Smerud	EA	Geologist	7.25
Josh Blais	EA	Engineer	2
Zachary Sandford	CT Male	Surveyor	5.75
William Schwiebert	CT Male	Surveyor	5.75
Jarett Brink	CT Male	Surveyor	5.75

Equipment Description	Contractor/Vendor	Quantity	Used
Work Trucks	EA/CT Male	2	7.25
Trimble Survey Equipment	EA/CT Male	2	7.25

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

None
Issues Pending (*List any deviations from planned field work.)*

Site Photographs (Descriptions Below)	
	
Survey Existing Well BPB-23/MW-9	Mark/survey Location SB-CT-01
Comments	
None	
Site Inspector(s): Kevin Smerud	**Date**: 8/14/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	Yes ☐	No ☐	N/A☒
Comments:			

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: August 15, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Kevin Smerud

Site Location: Brooklyn, New York

Weather Conditions

General Description	Sunny	AM	Sunny	PM
Temperature	78	AM	87	PM
Wind	Variable	AM	Variable	PM

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Water safety

Summary of Work Performed	Arrived at site:	0800	Departed Site:	1600

- (0800) K. Smerud (EA) onsite. Checking access points and source water locations (Fire Hydrants).
- (0854) CT Male Z. Sandford, W. Schwiebert, J. Brink onsite, setup equipment, safety meeting.
- (0900) Mary Salig (NYC Parks) onsite, conduct site walk and discuss access points.
- (0930) Continue topographic survey at the Former Pratt Refinery (J. Brink, W. Schwiebert), continue topographic survey and proposed locations at CitiStorage and Former Pratt Refinery (Z. Sandford).
- (0950) Pace courier drops off sample bottles for source water blank sampling.
- (1030) Collect field blank: **FB-01-20250815**
- (1050) Collect source water blank 1 from fire hydrant along N 11th Street: **SWB-01-20250815**
- (1130) Collect source water blank 2 from fire hydrant along N 12th Street: **SWB-02-20250815**
  - All collected samples were immediately placed in a cooler with ice.
- (1330) Pace courier picks up samples for Saturday 8/16/25 delivery to laboratory.
- (1440) CT Male collects control points, cleans up equipment.
- (1500) CT Male offsite
- (1600) K. Smerud offsite

Personnel and Equipment

Individual	Company	Trade	Total Hours
Kevin Smerud	EA	Geologist	8
Zachary Sandford	CT Male	Surveyor	6
William Schwiebert	CT Male	Surveyor	6
Jarett Brink	CT Male	Surveyor	6

Equipment Description	Contractor/Vendor	Quantity	Used
Work Trucks	EA/CT Male	2	8
Trimble Survey Equipment	EA/CT Male	2	8

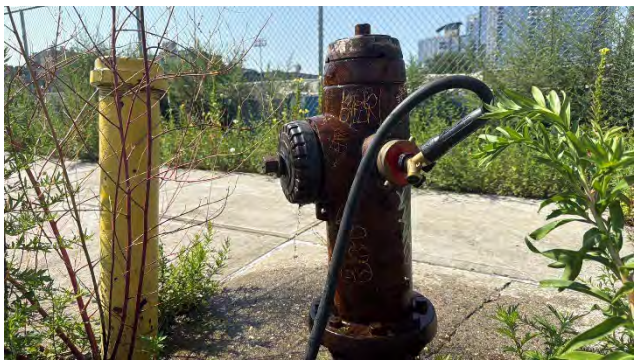
Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Mary Salig	NYC Parks	Yes ☐	No ☒
		Yes ☐	No ☐
		Yes ☐	No ☐

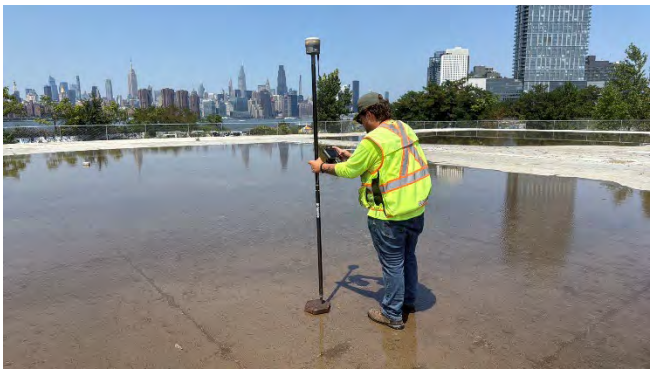
Project Schedule Comments

Topographic surveyors (CT Male) will return to site, Tuesday 8/19/25 to finish topographic survey. Geophysical surveyors (Nova) will arrive on site Tuesday 8/19/25 to begin the geophysical survey.
Issues Pending (*List any deviations from planned work.*)

Site Photographs (Descriptions Below)



Collect source water blank 1 from fire hydrant along N 11th Street: SWB-01-20250815



Mark/survey Location SB-CT-07

Comments

None

Site Inspector(s): Kevin Smerud

Date: 8/15/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	Yes ☐	No ☐	N/A☒
Comments:			

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: August 19, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Kevin Smerud

Site Location: Brooklyn, New York

Weather Conditions

General Description	Sunny	AM	Sunny	PM
Temperature	65	AM	75	PM
Wind	Variable	AM	Variable	PM

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Traffic

Summary of Work Performed	Arrived at site:	0730	Departed Site:	1700

- o (0730) K. Smerud (EA) onsite.
- o (0735) Nova Geophysical onsite, E. Siegenthaler, T. Yukbes onsite. Setup equipment, safety meeting
- o (0750) Nova Geophysical begins geophysical survey at CitiStorage Site.
- o (0915) CT Male Z. Sandford, W. Schwiebert, J. Brink onsite, setup equipment, safety meeting.
- o (0930) Continue topographic survey at the Former Pratt Refinery (J. Brink, W. Schwiebert), continue topographic survey and proposed locations at CitiStorage and Former Pratt Refinery (Z. Sandford).
- o (1000) Nova Geophysical continues geophysical survey at the Former MGP Site.
- o (1100) Nova Geophysical continues geophysical survey at the Former Pratt Refinery Site.
- o (1240) Nova Geophysical cleans up equipment.
- o (1245) Nova Geophysical off site.
- o (1600) CT Male completes topographic survey at all locations, collects control points, cleans up equipment.
- o (1615) CT Male offsite.
- o (1700) K. Smerud offsite.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Kevin Smerud	EA	Geologist	9.5
Zachary Sandford	CT Male	Surveyor	7
William Schwiebert	CT Male	Surveyor	7
Jarett Brink	CT Male	Surveyor	7
Ethan Siegenthaler	Nova	Geophysical Surveyor	5.25
Tolga Yukbes	Nova	Geophysical Surveyor	5.25

Equipment Description	Contractor/Vendor	Quantity	Used
Work Trucks	EA/CT Male	2	9.5
Trimble Survey Equipment	CT Male	2	7
GPR	Nova	1	5.25
EM	Nova	1	5.25

Visitors to Site

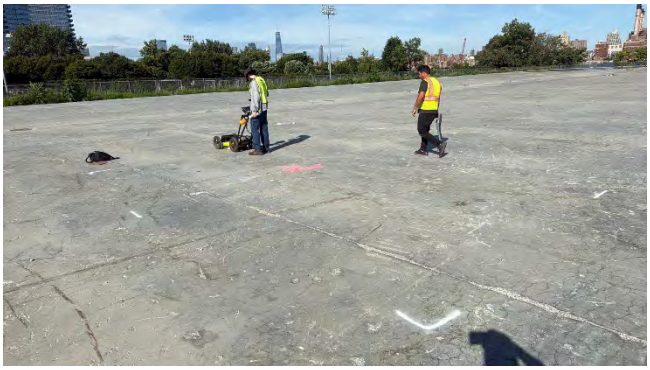
Name	Representing	Entered Exclusion/CRZ Zone

		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



SB-CT-05 Geophysical Survey



SVP-6 Geophysical Survey

	
Former Pratt Refinery Topographic Survey	Topographic Survey Kent Ave and N 12th Street

Comments
None

Site Inspector(s): Kevin Smerud	**Date**: 8/19/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	Yes ☐	No ☐	N/A☒
Comments:			

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: August 20, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Kevin Smerud

Site Location: Brooklyn, New York

Weather Conditions

General Description	Cloudy	AM	Cloudy/Rain	PM
Temperature	55	AM	69	PM
Wind	Variable	AM	Variable	PM

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Water safety

Summary of Work Performed	Arrived at site:	0645	Departed Site:	1300

- (0645) K. Smerud (EA) onsite.
- (0655) Nova Geophysical onsite, E. Siegenthaler, T. Yukbes, Setup equipment, safety meeting
- (0700) Nova Geophysical continues geophysical survey at proposed locations at CitiStorage and the Former Pratt Refinery.
- (0940) Nova Geophysical begins geophysical survey of the southern shoreline of Bushwick Inlet.
- (1100) Nova Geophysical finishes geophysical survey of all proposed locations and the southern shoreline of Bushwick inlet, packs up equipment.
- (1115) Nova Geophysical off site.
- (1130) K. Smerud remarks locations with fresh paint and secures all gates.
- (1300) K. Smerud offsite.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Kevin Smerud	EA	Geologist	6.25
Ethan Siegenthaler	Nova	Geophysical Surveyor	4.25
Tolga Yukbes	Nova	Geophysical Surveyor	4.25

Equipment Description	Contractor/Vendor	Quantity	Used
Work Trucks	EA	1	6.25
GPR	Nova	1	4.25
EM	Nova	1	4.25

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work*)

Site Photographs (Descriptions Below)



SB-PR-01 Geophysical Survey



SB-CT-02 Geophysical Survey



Southern Shoreline Bushwick Inlet Geophysical Survey



Southern Shoreline Bushwick Inlet Geophysical Survey Steel Pipe Marked

Comments	
None	
Site Inspector(s): Kevin Smerud	**Date:** 8/20/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	Yes ☐	No ☐	N/A☒
Comments:			

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 8, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron
Site Location: Brooklyn, New York		

Weather Conditions	
General Description	Hot/partially cloudy, light wind
Temperature	78
Wind	NE, 8mph

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Site access, Personal Protective Equipment, rig safety, tripping hazards, weather considerations, breathing zone safety, site set-up, water safety

Summary of Work Performed	Arrived at site:	0730	Departed Site:	1730

Soil: SB-PR-8 was hand cleared to 5'bgs. Due to influence of water at approximately 2.8'bgs there was additional difficulty clearing for utility but it has been completed. Samples collected at 0-6", forensics samples collected for forensic screening due to no signs of gross contamination.

SB-PR-7 was hand cleared to 5'bgs, high PID 347 @ 5'bgs and slight moisture, completed oil in soil shaker test for top 6" which was negative. Sample collected at 0-6" and sent for screening due to no signs of gross contamination.

Sediment: N/A Barge is expected in approximately 2 weeks

Soil Vapor: N/A

Groundwater: MW-B1S was positive on the interface probe, DTW 5.4" below top of casing (toc). Product encountered at 45.35' below top of product thickness approximately 3.69 ft. Wells will be sampled for product tomorrow.

Sample Management: All samples shipped via courier on ice. COCs verified with PM/Data Manager. COC copies provided to lab. Equipment Blank, Field Blank and Trip Blanks collected/shipped as required. No FD/MSMSD collected.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Christine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
	AARCO		
	AARCO		
	AARCO		
	AARCO		
Kritika Thapa	EA Engineering	Project Manager	

Frank Barranco	EA Engineering	Technical Oversight	
Edward Ashford	EA Engineering	Technical Oversight	

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	(1)	N/A
SkidSteer	AARCO	(1)	N/A

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Richard Mustico	Department of Environmental Conservation	Yes ☒	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Additional sonic rig arriving onsite 9/9/2025 approx. 10am. Additional CAMP/Environmental monitoring set-up ordered.

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



Surface soil sample (00-0.5) from SB-PR-07.



Surface soil sample (00-0.5) from SB-PR-08.

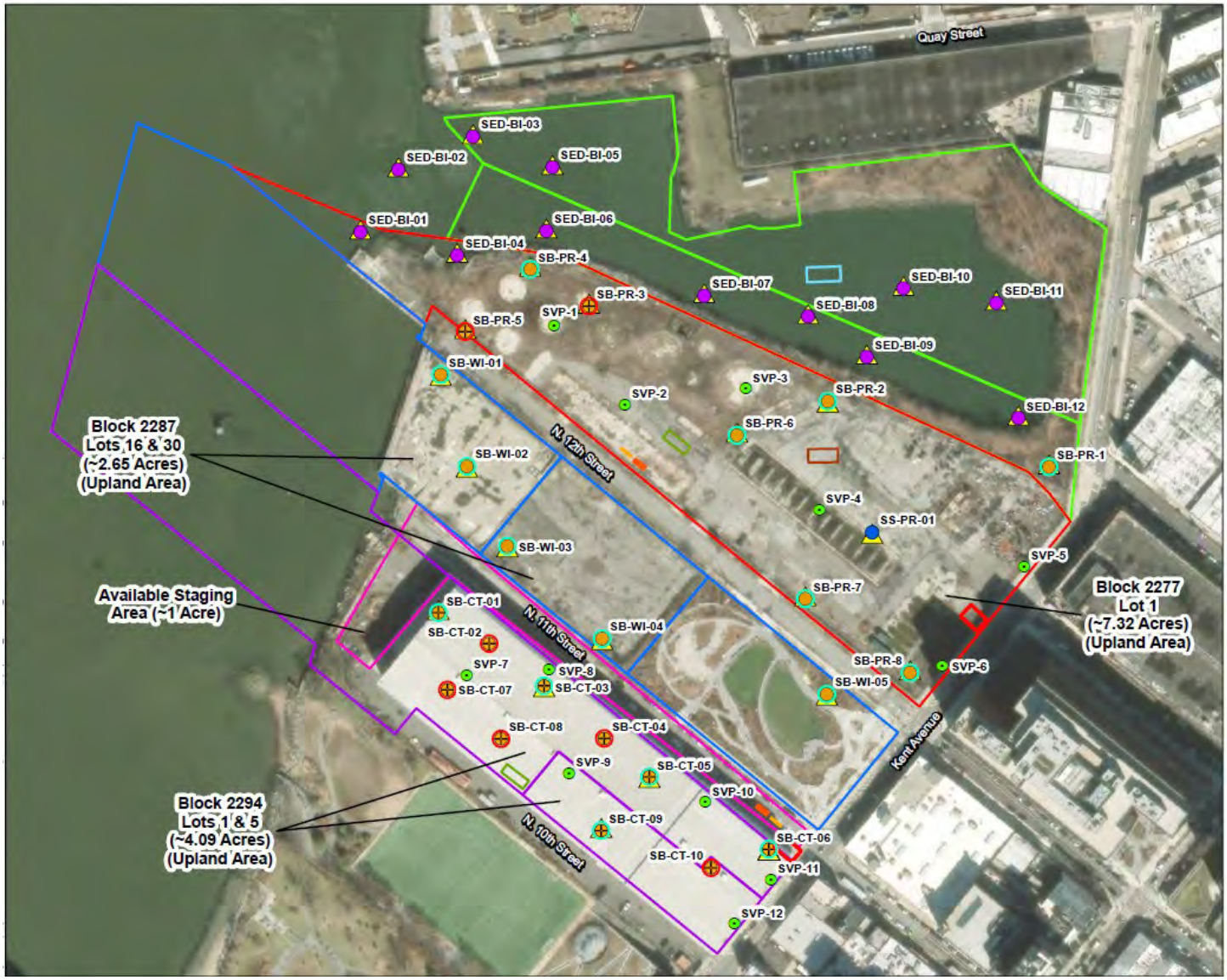
Comments

None

Site Inspector(s): Katelyn Cameron	**Date: 9/8/2025**

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments: Noticed homeless/unauthorized person onsite.			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 9, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions	
General Description	Hot/partially cloudy, light wind
Temperature	78
Wind	6mph, some gusts

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Shovels on the ground (ensure they are properly stored), PPE, hydration, pinch points

Summary of Work Performed	Arrived at site:	0630	Departed Site:	1815

Soil Borings:
SB-PR-02: Surface clear and sample 0-.5'bgs
SB-PR-06: Surface/utility clear and sample 0-.5'bgs
SB-PR-04: Surface/utility clear and sample 0-.5'bgs
SS-PR-01: Surface/utility clear and sample 0-.5'bgs

SB-PR-08 Boring Completed, total depth 70'bgs
2nd Sample – 10-16'bgs (Forensic Analysis)
3rd Sample – 48-50' bgs (Forensic Analysis)
4th Sample – 68-70' bgs (Forensic Screening)
Archive # 1 – 30-30.5'bgs; PID=787ppm
Archive # 2 – 39.5-40'bgs; PID=1406ppm
Archive # 3 – 65-65.5'bgs; PID=814.3ppm

NAPL/Product Sampling
MW-B1S Depth to product Top: 45.35 (BTOC) Bottom: 49.00 (BTOC); Depth to Water 5.45' (BTOC); Depth to Bottom: 53.5 (BTOC), sample shipped for forensic analysis.

Sample Management
All samples shipped via courier on ice. COCs verified with PM/Data Manager. COC copies provided to lab. Equipment Blank, Field Blank and Trip Blanks collected/shipped as required. No FD/MSMSD collected.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Christine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
	AARCO		
	AARCO		
	AARCO		
	AARCO		
Kritika Thapa	EA Engineering	Project Manager	

Frank Barranco	EA Engineering	Technical Oversight	
Edward Ashford	EA Engineering	Technical Oversight	

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	(2)	N/A
SkidSteer	AARCO	(1)	N/A

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Richard Mustico	Department of Environmental Conservation	Yes ☒	No ☐
	TRC Consultant	Yes ☐	No ☒
		Yes ☐	No ☐

Project Schedule Comments

Secondary CAMP and second sonic rig arrive onsite

Issues Pending (*List any deviations from planned field work*)

IDW roll-off unable to be delivered to site. Storage POD arrived onsite.

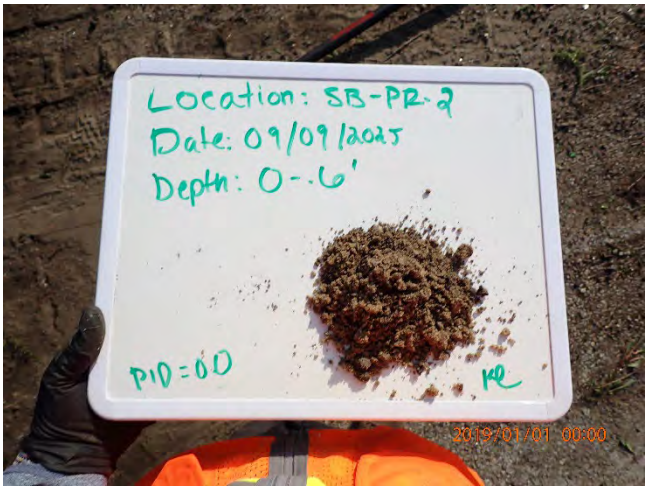
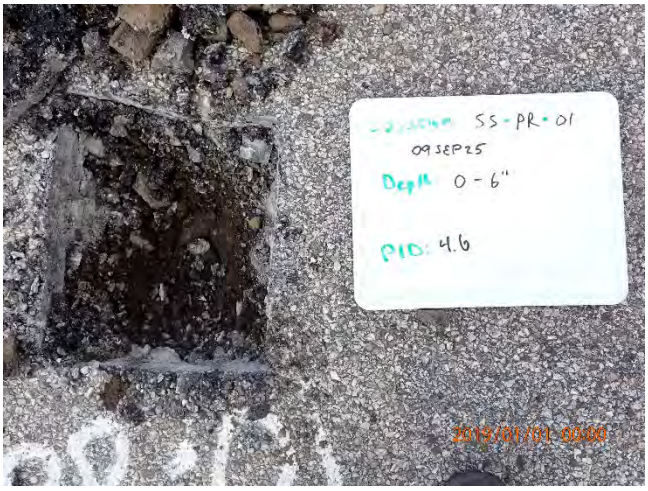
Site Photographs (Descriptions Below)



Surface soil sample (0.0-0.5 ft) at SB-PR-2



Surface soil sample (0.0-0.5 ft) at SB-PR-4

	
Surface soil sample (0.0-0.5 ft) at SB-PR-2	Surface soil sample (0.0-0.5 ft) at SB-PR-1

Comments

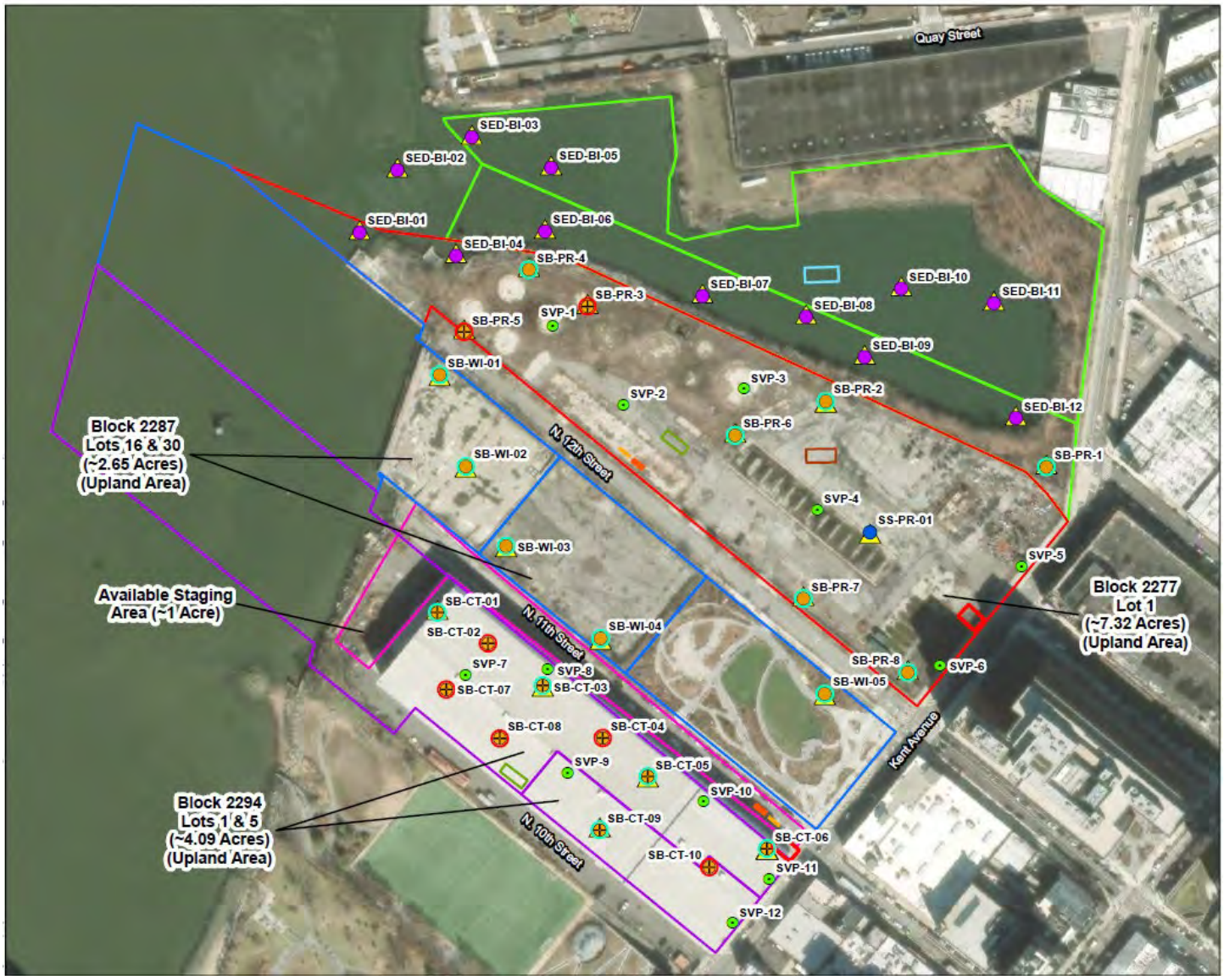
Several members of the public and homeless persons were noted onsite at various times. Whenever possible, field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date:** 9/9/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐

Comments:
Petroleum/NAPL odor from drilling operations/core processing. No exceedances of breathing zone (continuously monitored) or from dustracks.


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-PR-6
N. 12th Street
SB-WI-02
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-WI-04
SB-CT-02
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 10, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions	
General Description	Hot/partially cloudy, light wind
Temperature	81
Wind	7mph SE

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Situational awareness with vehicles, bee stings, line of sight, heat stress, allergies, hydration, sun exposure, proper PPE.

Summary of Work Performed	Arrived at site:	0630	Departed Site:	1815

Soil Borings

SB-PR-07 refusal at 45'bgs
- 2nd Sample – 7-9'bgs (Forensic Analysis)
- 3rd Sample – 20-22'bgs (Forensic Analysis)
- Archive #1 – 25-27'bgs (Forensic Screening, PID= 177)

Refusal @ 45'bgs due to boulder. Attempted to overdrill with casing, addition of 55-gallons of water and attempted completion for >2hrs and refusal. Boulder present from 33'bgs to 45'bgs. Discussed process for refusal and step off with PM/Senior Engineer.

SB-PR-06 Boring Completed, total depth 70'bgs
- 2nd Sample – 9-11'bgs (Forensic Analysis)
- 3rd Sample – 30-32' bgs (Forensic Analysis)
- 4th Sample – 68-70' bgs (Forensic Screening)
- Archive # 1 – 43-43.5'bgs; PID=20.2ppm

SB-PR-02 Boring Partially Completed, casing in place for completion on 9/11/2015, completed to 45'bgs
- 2nd Sample– 7-9'bgs (Forensic Analysis)
- 3rd Interval – 23-25'bgs (Forensic Analysis)

Sample Management

All samples shipped via courier on ice. COCs verified with PM/Data Manager. COC copies provided to lab. Equipment Blank, Field Blank and Trip Blanks collected/shipped as required.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Christine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
Frank DiChristina	AARCO	Helper	
Tim Terlaga	AARCO	Helper	
Angel Medrano	AARCO	Helper	
Rob Allegrazza	AARCO	Helper	
Kritika Thapa	EA Engineering	Project Manager	
Edward Ashford	EA Engineering	Technical Oversight	

Equipment Description	Contractor/Vendor	Quantity	Used

Sonic	AARCO	(2)	N/A
SkidSteer	AARCO	(1)	N/A

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Mary Selig	NYC Parks Department	Yes ☐	No ☒
N/A	Parks Department Security/Police	Yes ☐	No ☒
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

IDW roll-off unable to be delivered to site by the subcontractor due to delay in their paperwork.

Site Photographs (Descriptions Below)



Subsurface soil core (65-70 ft) at SB-PR-6



Subsurface soil core (5-10 ft) at SB-PR-6

	
Subsurface soil core (40-45 ft) at SB-PR-6	Subsurface soil core (60-65 ft) at SB-PR-6

Comments

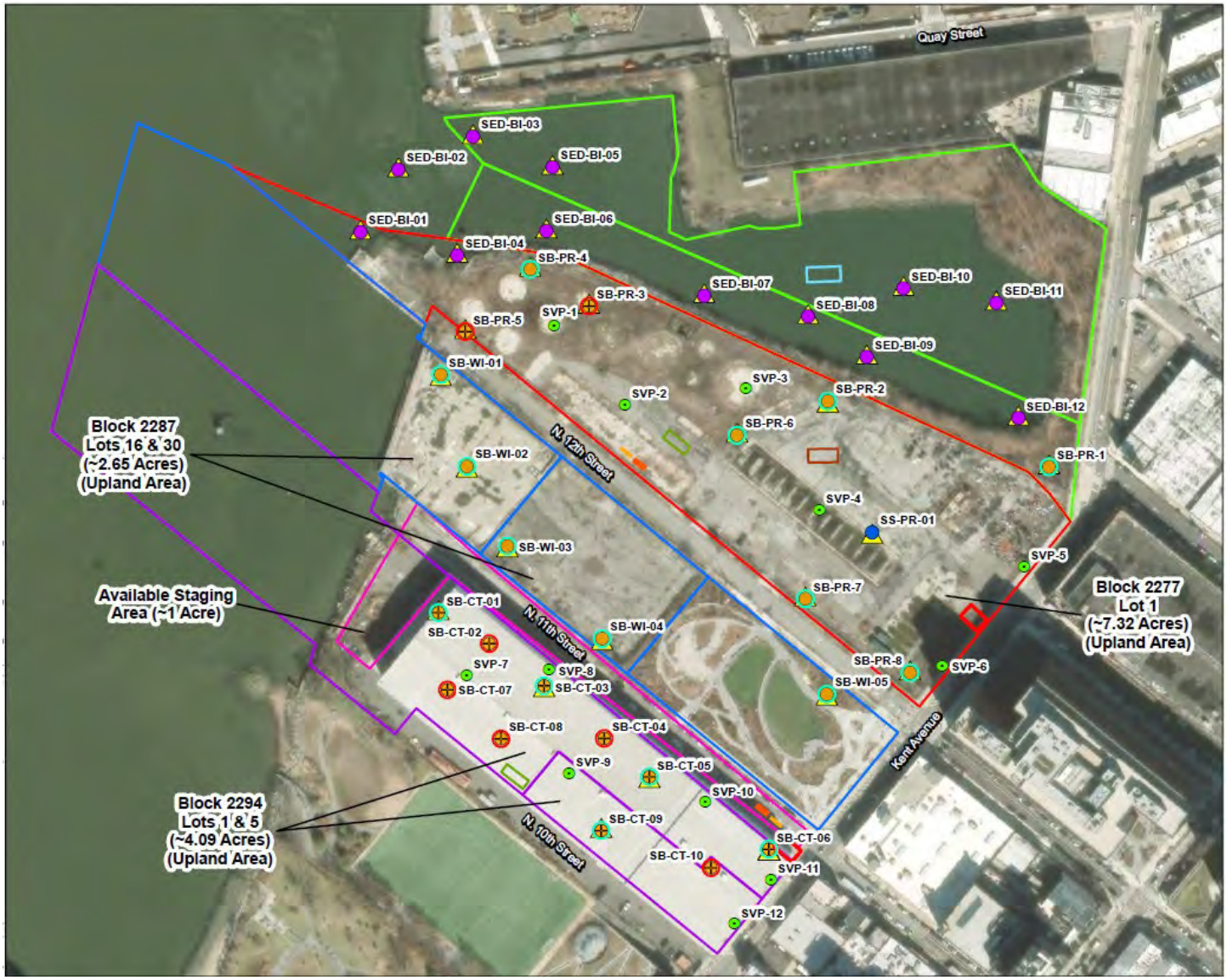
Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date:** 9/10/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐

Comments:
Petroleum/NAPL odor from drilling operations/core processing. No exceedances of breathing zone (continuously monitored) or from dustraks.


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 11, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron
Site Location: Brooklyn, New York		

Weather Conditions	
General Description	Hot/partially cloudy, light wind
Temperature	81
Wind	7mph SE

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Situational awareness with vehicles, heat stress, allergies, hydration, sun exposure, proper PPE.

Summary of Work Performed	Arrived at site:	0630	Departed Site:	1815

Soil Borings

SB-PR-05 completed to 20'bgs
- 1st sample: 0.0-0.5'(Forensic Screening)
- 2nd Sample: 8'-10'bgs (Forensic Analysis)

SB-PR-03 completed to 30'bgs, monitoring well installed
- 1st Sample: 0.0-0.6" (Forensic Analysis)
- 2nd Sample: 18-20'bgs (Forensic Analysis)
- 3rd Sample – 20-22'bgs (Forensic Analysis)
- Archive #1 – 14-15'bgs (Forensic Screening, Saturation, Historical high NAPL, strong odor, positive Oil-In-Soil shaker tests.

SB-PR-03 MW Construction; discussed with PM and Senior Geologists on shallow well process, confirmed 15'screen and sump for potential NAPL, well is grouted and will be developed when crew is ready.
- Boring Depth 30'bgs (backfilled for well set)
- DTB: 26'bgs, (Filter sand 26-24'bgs)
- DTW: 5.5'bgs
- Sump: 24'-19'bgs
- Screen: 19'-4'bgs
- Filter: 4-3'bgs
- Seal: 3'-1'bgs
- Grout: 1'-surface
- Note: Groundwater is extremely shallow and it is difficult to allow much room to accommodate tidal fluctuation.

SB-PR-02 Boring Completed. Total depth 70'bgs
- 4th Sample – 68-70' bgs (Forensic Screening)

SB-PR-04 Boring Partially Completed. Casing in place for completion on 9/12/2015, completed to 46'bgs
- 2nd Sample– 8-10'bgs (Forensic Analysis)
- Archive #1 – 29-29.5'bgs (Forensic Analysis)

Sample Management

All samples shipped via courier on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Equipment Blank, Field Blank and Trip Blanks collected/shipped as required. One MS/MSD collected with

sample 224402-SB-PR-03-28-30.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Christine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
	AARCO		
	AARCO		
	AARCO		
	AARCO		
Kritika Thapa	EA Engineering	Project Manager	
Frank Barranco	EA Engineering	Technical Oversight	
Edward Ashford	EA Engineering	Technical Oversight	

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	(2)	N/A
SkidSteer	AARCO	(1)	N/A

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Mary Selig	NYC Parks Department	Yes ☐	No ☒
N/A	Parks Department Security/Police	Yes ☐	No ☒
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

IDW roll-off unable to be delivered to site. IDW are being stored in drums. Additional 50 drums were delivered today. Storage POD arrived onsite

Site Photographs (Descriptions Below)



Subsurface soil core (35-40 ft) at SB-PR-4



Surface soil sample (0.5-0.5 ft) at SB-PR-3



Oil in Soil Tests for SB-PR-3 (Left 15-17 ft, Right 18-20 ft)



Subsurface soil core (30-35 ft) at SB-PR-4

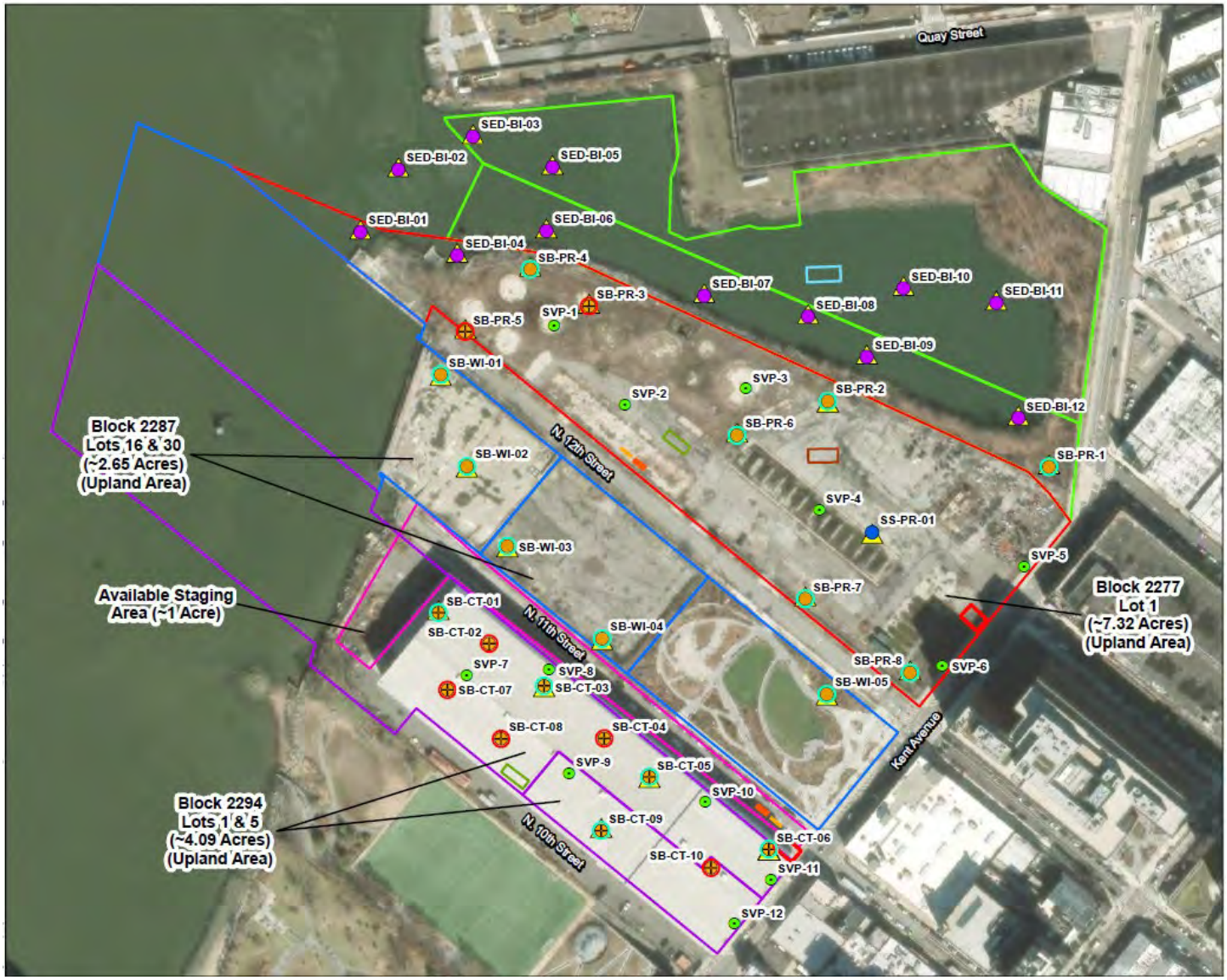
Comments

AARCO's second rig was down twice today for approximately 3 hours. Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date:** 9/11/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments: Petroleum/NAPL odor from drilling operations/core processing. No exceedances of breathing zone (continuously monitored) or from dustraks.			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
N. 12th Street
SB-WI-02
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 12, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron
Site Location: Brooklyn, New York		

Weather Conditions	
General	Hot/partially cloudy
Tem	83
Win	7mph NE

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Heat stress, interaction with public/homeless, sharp objects, hydration, communicating movement (vehicles, materials and walking path of travel), injury reporting.

Safety Issues: During offload of casing this morning AARCO helper Tim was struck on the lip by a 6" casing rod as it slipped while being moved off a large AARCO materials truck. A <1" cut on his lip required first aid. He was taken offsite by the second helper (Frank) to a walk-in clinic. Stopped work for safety rebriefing and to discuss with AARCO. Tim returned to site and notified us that he was advised to go to a plastic surgery walk in for stitches as it is face/lip related. Frank/Tim offsite remainder of the day. PM notified of incident.

Summary of Work Performed	Arrived at site:	0630	Departed Site:	1730

Soil Borings

SB-PR-05 completed to 30'bgs, monitoring well installed
3rd Sample: 20-22 Forensic Analysis PID: 28.6ppm
4th Sample: 25-27 Forensic Screening PID: 2.8ppm (2 ft of most observed contamination within the bottom 5 ft interval)
Archive #1 – 23.5-24'bgs (Forensic Screening, moderate naphthalene odor, dark brown staining) PID: 7.5ppm
SB-PR-05 MW Construction; 15'screen and sump, well is grouted and will be developed as crew becomes available
Boring Depth 30'bgs (backfilled for well set)
DTW: 5.5'bgs
Bottom of W: 26'bgs
Sump: 24'-19'bgs
Screen: 19'-4'bgs
Filterpack: 26'-3'bgs
Seal: 3'-1'bgs
Grout: 1'-surface
SB-PR-04 is cased and covered for the weekend at 45'bgs.

All surface completions, grouting, flush mounts are complete. All drums of IDW moved to the staging area at Pratt and are labelled and flagged with flagging tape to cordon off the area. All previously completed soil borings for this week have been abandoned in place (grouted and surface repair). All field maps points have been collected.

Soil Vapor: SVP is planned to complete once the sonic work is completed, which will happen concurrently with the barge/sediment work

Groundwater/Sitewide Gauging: Following wells have been gauged and will be sampled as noted:

Well ID	DTW	DTP	TD	PID (well headspace)	Notes
MW-210D	6.45	N/A	61.2	0.5	No sheen, no odor, no product per IP
MW-210I	6.3	N/A	39.1	0.2	No sheen, no odor, no product per IP
MW-210S	7.95	N/A	15.65	0.1	No sheen, no odor, no product per IP
MW-2006	6.6	6.4	55.9	36.2	Removed old tubing and containerized, heavily stained, barely discernable possible product of 2 inches, bailer appeared "clean", potential slight sheen – plan to sample on 9/15
MW-2004	5.95	N/A	65.75	464	Probe indicated no product, slight sheen visible at top of water column – plan to sample on 9/15
MW-209D	6.2	N/A	45.5	3.7	No sheen, no odor, no product per IP
MW-209I	5.0	N/A	29.4	1.3	No sheen, no odor, no product per IP
MW-209S	3.1	N/A	13.9	0.5	No sheen, no odor, no product per IP
MW-6	5.65	N/A	55.1	10.8	No sheen, no odor, no product per IP
WW-NW-208I	2.9	N/A	15.7	N/A	No sheen, no odor, no product per IP

Notes: Gauging was completed following high tide (12:28) until approximately 1600. Wells selected for gauging per the PM. MW-208I was gauged as it was adjacent to a MW being installed.

Sample Management
All samples shipped via courier on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Trip Blank collected/shipped as required. PACE courier showed up to site at approximately 1430 to collect samples.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA	Field Manager / Geologist	11
Sean Arnold	EA	Sample Manager	11
Kevin Smeruld	EA	Team Lead / Geologist	11
Christine Young	EA	Field Technician	11
Luke Councell	EA	Field Technician	11
Tim Terlaga	AARCO	Helper	4
Frank DiChristina	AARCO	Helper	4
Angel Meldrano	AARCO	Operator	8
Rob Allegrezza	AARCO	Operator	8

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	(2)	N/A
SkidSteer	AARCO	(1)	N/A

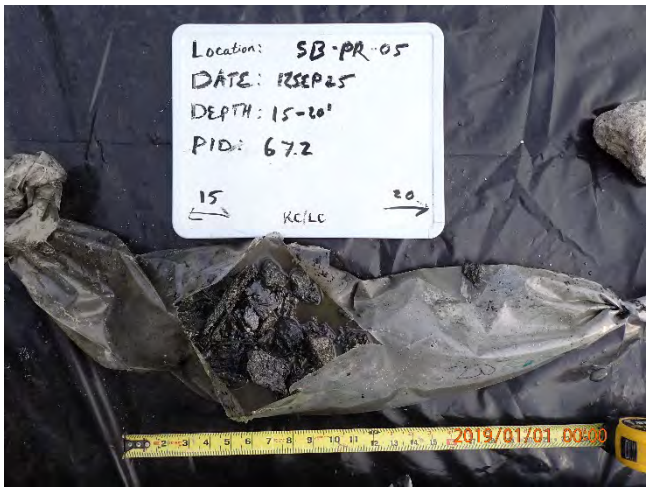
Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

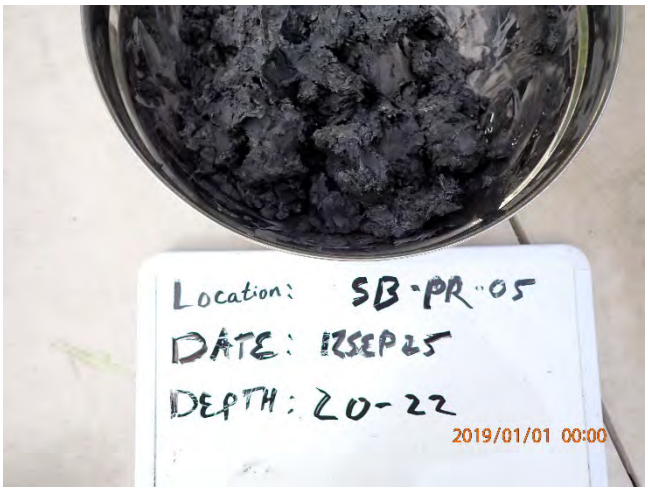
Project Schedule Comments

Confirmed barge will be onsite 9/22 per AARCO. Plan is to continue with (2) sonic rigs until Barge is onsite. Larger rig will be staged on barge for sediment work.
Issues Pending (*List any deviations from planned field work.*)
IDW roll-off unable to be delivered to site. Continued using drums for IDW.

Site Photographs (Descriptions Below)



Subsurface soil core (15-20 ft) at SB-PR-5



Subsurface soil sample (20-22 ft) at SB-PR-5



Subsurface soil core (20-25 ft) at SB-PR-5



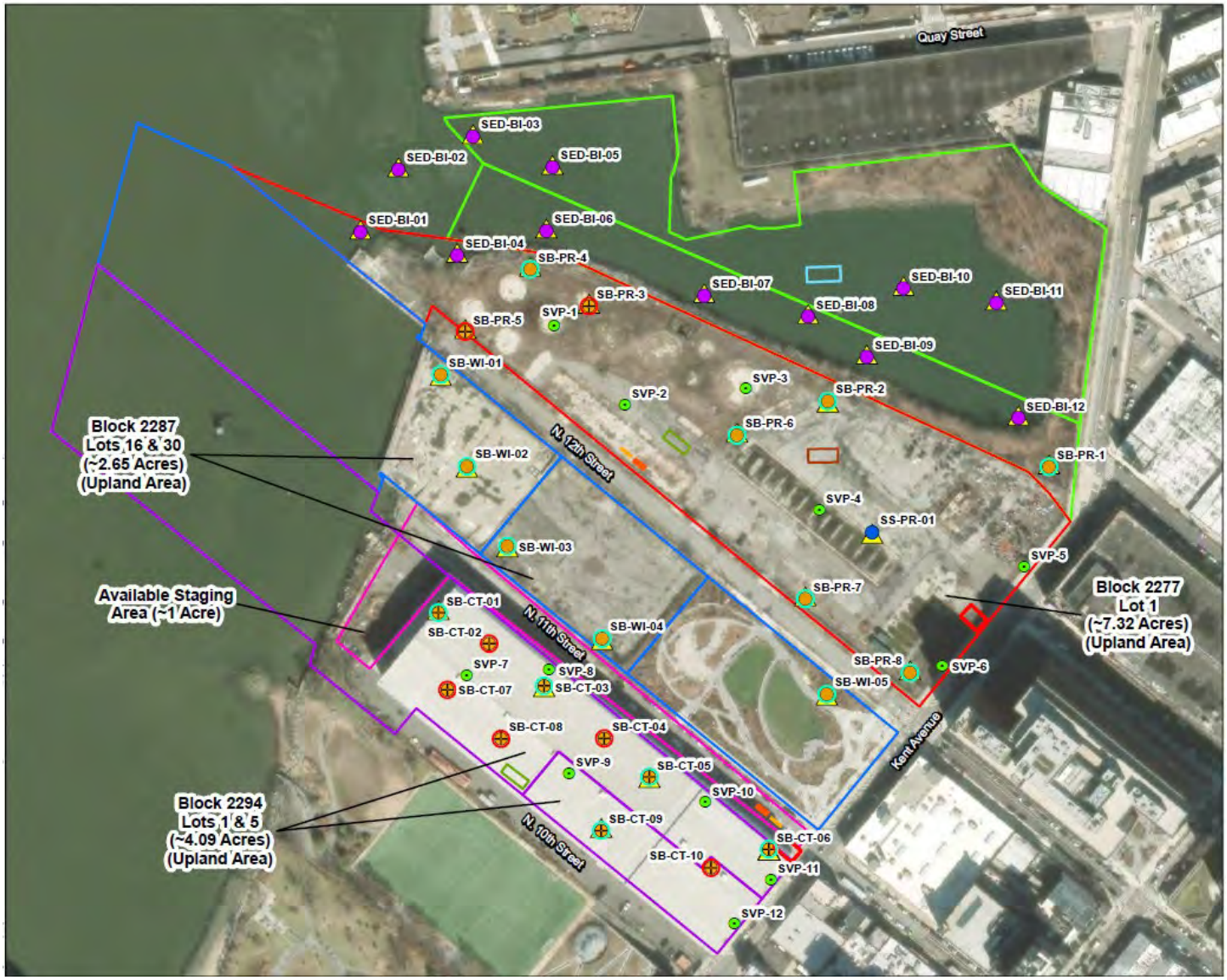
Subsurface soil core (25-30 ft) at SB-PR-5

Comments

Mary Salig from NYC Parks notified of homeless persons onsite, several members of the public asked to leave the site. The black gate that leads to the public park is being left open by the various park gardeners and if we don't catch it right away people constantly walk into the project site. AARCO's safety incident reduced their field crew from 4 to 2 in the morning. AARCO declined to advance SB-PR-04 any further due to mechanical issue with the skidsteer and needing to complete other work before breaking (move remaining drums, decon, demobilize rigs, abandon borings/grout etc.)	
Site Inspector(s): Katelyn Cameron	**Date:** 9/12/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments: Petroleum/NAPL odor from drilling operations/core processing. No exceedances of breathing zone (continuously monitored) or from dustracks.			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 15, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions	
General Description	Hot/partially cloudy
Temperature	81
Wind	7mph NE

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

Injury reporting, breathing zone, safety document review, proper PPE, gloves, and rest

Summary of Work Performed	Arrived at site:	0630	Departed Site:	1815

Soil Borings
SB-PR-04 completed 40-70'bgs
3rd Sample: 56-58 Forensic Screening PID: 16.6ppm
4th Sample: 68-78 Forensic Screening PID: 6.6ppm
SB-PR-01 MW completed to 70'bgs
1st Sample: 0.0-.6'bgs Forensic Screening PID: 0.0 [FD]
2nd Sample: 12-14'bgs Forensic Analysis PID :385.4 [MSMSD]
3rd Sample: 24-26'bgs Forensic Analysis PID: 422.4
4th Sample: 68-70'bgs Forensic Screening PID: 0.0
Archive #1 19-19.5 Forensic Analysis PID: 397.4
Archive #2 26.5-27'bgs Forensic Analysis PID: 0.0

Soil Vapor: SVP is planned to complete once the sonic work is completed, which will happen concurrently with the barge/sediment work

Groundwater/Sitewide Gauging: Following wells have been gauged and will be sampled as noted:

Well ID	DTW	DTP	TD	PID (well headspace)	Notes
MW-2006	6.6	6.4	55.9	36.2	Removed old tubing (and containerized), heavily stained, barely discernable possible product of 2 inches, bailer appeared "clean", potential slight sheen – sample collected 9/15 +FD
MW-2004	5.95	N/A	65.75	464	Probe indicated no product, slight sheen visible at top of water column – sample collected 9/15 +MS/MSD

Sample Management

All samples shipped via courier, in four coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Trip Blank, Equipment Blank, and Field Blank collected/shipped as required. 3 field duplicates and 3 MS/MSDs collected. PACE courier showed up to site at approximately 1920 to collect samples.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	11
Sean Arnold	EA Engineering	Sample Manager	11
Kevin Smeruld	EA Engineering	Team Lead / Geologist	10
Christine Young	EA Engineering	Field Technician	9
Luke Councell	EA Engineering	Field Technician	10
Tim Terlaga	AARCO	Helper	4
Lawrence Miller	AARCO	Helper	10
Angel Meldrano	AARCO	Operator	10
Rob Allegrezza	AARCO	Operator	0

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	(2)	N/A
SkidSteer	AARCO	(1)	N/A

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Confirmed barge will be onsite 9/22 per AARCO. 2nd rig unavailable for today.

Issues Pending (*List any deviations from planned field work.*)

IDW roll-off unable to be delivered to site; continued using drums.

Site Photographs (Descriptions Below)



Subsurface soil core (45-50 ft) at SB-WI-05



Subsurface soil core (10-20 ft) at SB-PR-01



Subsurface soil core (30-35 ft) at SB-WI-05



Surface soil sample (0.0-0.5 ft) at SB-PR-01

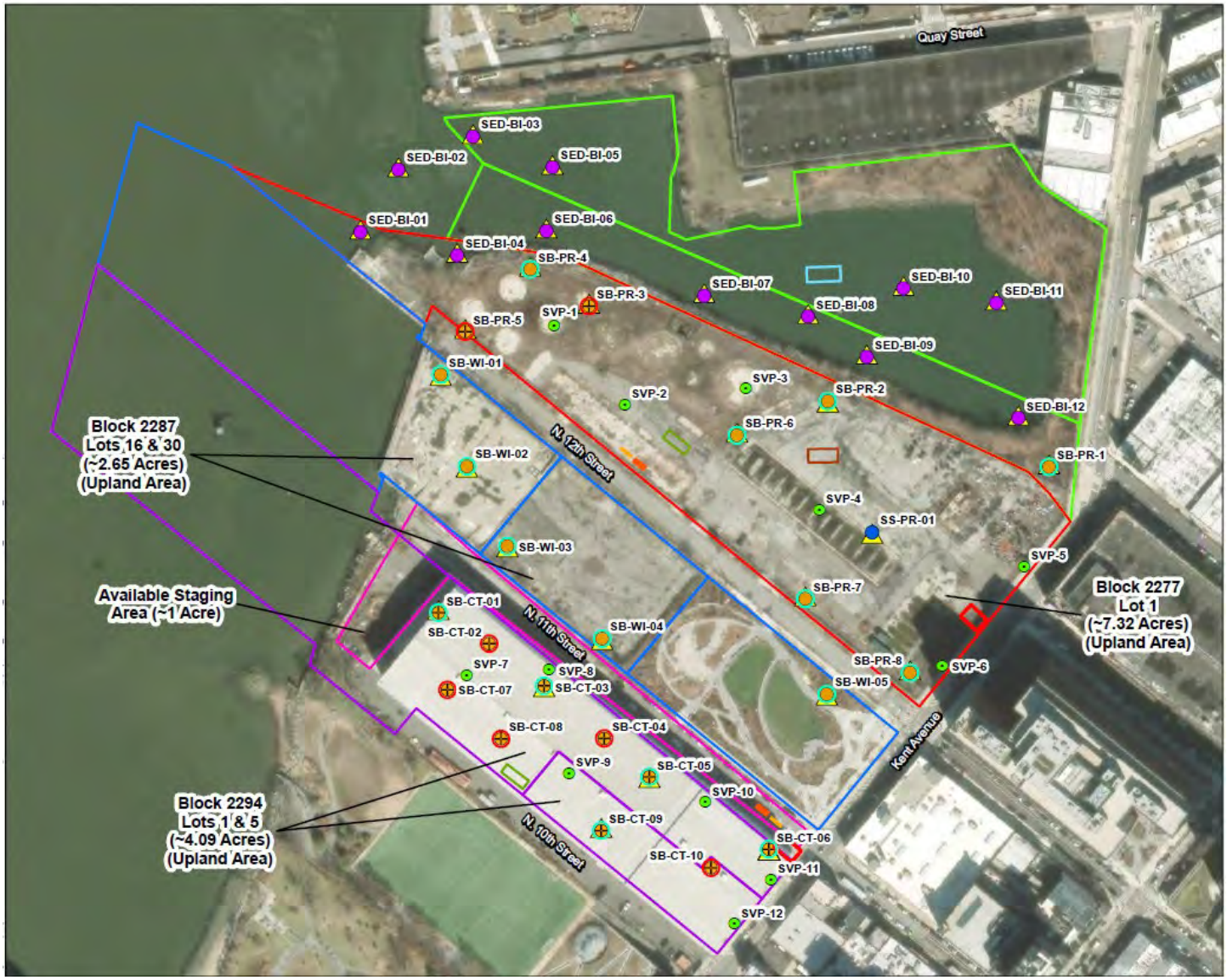
Comments

Monsoon pump provided by Pine Environmental was not operable after several attempts at troubleshooting including checking the internal components, cleaning filter, changing batteries etc. and controller continued to error out. Only had one pump onsite and AARCO did not have development pumps (as scoped). Have requested replacement from Pine and discussed with AARCO.

Site Inspector(s): Katelyn Cameron	**Date:** 9/15/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments: Petroleum/NAPL odor from drilling operations/core processing. No exceedances of breathing zone (continuously monitored) or from dustracks.			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 16, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, moderate wind			
Temperature	68			
Wind	NE, 12 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Wildlife interaction, bugs, complacency, and stop/work authority.

Summary of Work Performed	Arrived at site:	0640	Departed Site:	1750

Soil Boring

EA staff removed high priority plants from the area prior to mobilization to the park for SB-WI-05 and replaced plants following completion of boring.

SB-WI-05 completed to 80'bgs

1st Sample: N/A (no surface interval collected per Sample Matrix)

2nd Sample: 19-21'bgs Forensic Screening PID: 0.6ppm

3rd Sample: 48-50'bgs Forensic Screening PID: 1659ppm – observations of coal tar, heavy product staining, strong tar-like odor

4th Sample: 78-80' bgs Forensic Screening PID: 112.9 – observations of saturated product, staining, NAPL-like odor, positive sheen shaker

Archive #1 30-32'bgs Forensic Screening PID: 1294

Archive #2 32-34'bgs Forensic Screening PID: 2137 (distinct lithological differences from above interval warranted additional archive)

Archive #3 45-47'bgs Forensic Screening PID: 136.8 – observation of coal tar, saturations, clear blebs of product

Archive #4 71-73'bgs Forensic Screening PID: 3.8 – collected due to distinct and clear evidence of coal tar and product migration in this section, additionally we have no other boring locations this deep and seemed prudent to air on the side of caution with this one as we have evidence that NAPL and/or tar is migrating through the silt and between confining layers of clay to depth

Sediment: Confirmed barge will be onsite 9/22 per AARCO

Soil Vapor: SVP is planned to complete once the sonic work is completed, which will happen concurrently with the barge/sediment work.

Groundwater/Sitewide Gauging:

Well ID	DTW	DTP	TD	PID (well headspace)	Notes
MW-2000	5.40	N/A	54.65	3.4	Removed old tubing (and containerized), Probe indicated no product, bailer

					appeared "clean", visible sheen –sample collected 9/16
MW-2002	5.95	59.25	59.60	606.4	Removed old tubing and containerized, Probe indicated 0.35 ft of product, bailer appeared stained, visible sheen –sample collected 9/16
MW-2123	6.75	39.70	40.05	1.7	Removed old tubing and containerized, Probe indicated 0.35 ft of product, bailer appeared stained, visible sheen –sample collected 9/16
MW-2124	6.65	N/A	49.95	2.0	
MW-2125	6.22	N/A	15.83	2.3	
MW-2130	6.45	N/A	50.00	0.0	
MW-2131	6.20	N/A	60.03	0.0	
MW-2132	5.49	N/A	16.50	0.0	
MW-2136	7.52	N/A	46.35	0.0	
MW-2137	5.88	N/A	17.50	0.8	
MW-2138	6.86	N/A	68.72	0.0	
MW-2117	7.02	7.00	14.97	15.6	Removed absorbent sock and containerized, Probe indicated 0.02 ft of product, bailer appeared stained, visible sheen –sample collected 9/16
MW-2118	7.34	N/A	46.90	0.0	
MW-2119	7.08	N/A	79.43	0.0	
MW-2648	5.85	N/A	12.62	0.0	Probe indicated no product, visible sheen –sample collected 9/16
MW-2146	5.00	N/A	16.80	9.0	Probe indicated no product, visible slight sheen –sample collected 9/16
MW-2145	6.65	64.00	64.14	204.1	Removed old tubing and containerized, Probe indicated 0.14 ft of product, bailer appeared stained, visible sheen –sample collected 9/16

Sample Management:
All samples, with the exception of sample 224402-SB-WI-05-AR-71-73 (held for shipping tomorrow), were shipped via courier, in four coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Trip Blank, Equipment Blank, and Field Blank collected/shipped as required. No field duplicates or MS/MSD were collected. PACE courier showed up to site at approximately 1740 to collect samples.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Christine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
Lawerence Miller	AARCO	Helper	
Angel Meldrano	AARCO	Operator	

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site			
Name	**Representing**	**Entered Exclusion/CRZ Zone**	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Pumps were not delivered by AARCP today as scoped and unable to develop wells as planned. Per discussion with AARCO on 9/15 they would provide breaker today due to 2nd rig still being down for maintenance. Breaker arrived onsite approximately 1300 however they did not bring the required attachment to use it with the skidsteer and there were no additional AARCO personnel onsite to use the breaker regardless.

Site Photographs (Descriptions Below)



Before plant removal at SB-WI-05



After Before plant removal at SB-WI-05

	
Subsurface soil core (10-14 ft) at SB-WI-04	Subsurface soil core (30-35 ft) at SB-WI-04

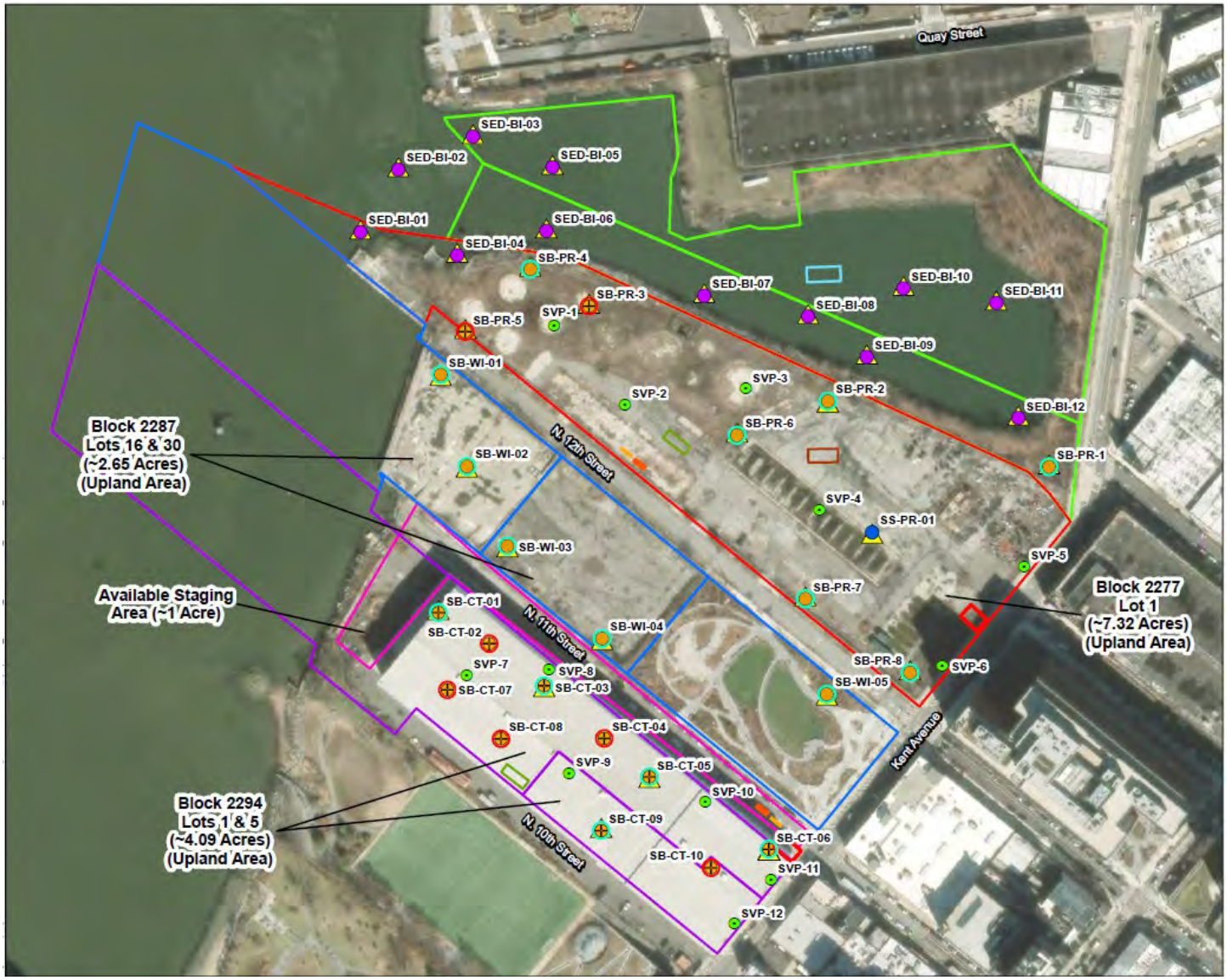
Comments

Several members of the public were noted onsite at various times. Whenever possible, field staff will notify that this is a closed project site and are requested to leave.

Site Inspector(s): Katelyn Cameron	**Date:** 9/16/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
N. 12th Street
SB-WI-02
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 17, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, windy			
Temperature	70			
Wind	NE, 15 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Complacency, data, moving equipment/moving parts, public interactions, breathing zone and importance of wearing gloves and required PPE.

Summary of Work Performed	Arrived at site:	0650	Departed Site:	1910

Soil:

SB-WI-01 completed to 70'bgs
1st Sample: 0.0-0.5' bgs Forensic Screening PID:6.4ppm
2nd Sample: 18-20'bgs Forensic Analysis PID: 886ppm – observations of coal tar, heavy viscous product, strong odor, no recovery @ saturation so sample was collected at next available interval, low recovery due to large brick debris and fill material/wet matrix
3rd Sample: 22-24'bgs Forensic Analysis PID: 534ppm
4th Sample: 67-69'bgs Forensic Screening PID: 112.9 – observations of saturated product, staining, napl-like odor, positive sheen shaker
Archive #1 31-33'bgs Forensic Screening PID: 112 – observation of coal tar migration
Archive #2 63-63.5'bgs Forensic Screening PID: 24.3 – trace blebs of product, coal tar odor
SB-WI-02 completed to 50'bgs
1st Sample: 0.0-0.5' bgs Forensic Screening PID: 7.2
2nd Sample: 5-7' bgs (saturation) Forensic Screening PID: 18.7
3rd Sample: 18-20' bgs Forensic Analysis PID: 767
Archive #1 29-30' bgs Forensic Analysis PID: 1142
Archive #2 31-32.5'bgs Forensic Analysis PID: 11.4 (clear indications of product, coal tar odor)
SB-WI-03 completed to 5'bgs for utility clearance
1st Sample: 0.0-0.5' bgs Forensic Screening PID: 56.8
SB-WI-04 completed to 70'bgs
1st Sample: 0.0-0.5 Forensic Screening PID: 0.0ppm
2nd Sample: 12-14'bgs Forensic Analysis PID: 402.8ppm– observations of sheen, heavy product staining, strong tar-like odor, Oil-In-Soil shaker test positive
3rd Sample: 17-19' bgs Forensic Analysis PID: 801.4ppm – observations of sheen, heavy product staining, strong tar-like odor, Oil-In-Soil shaker test positive
4th Sample: 68-70' bgs Forensic Screening PID: 2.6ppm
Archive #1 25-25.5'bgs Forensic Screening PID: 374.6 – observations of sheen, heavy product staining, strong tar-like odor, Oil-In-Soil shaker test positive
Archive #2 30-30.5'bgs Forensic Screening PID: 522.1 – observations of sheen, heavy product staining, strong tar-like odor, Oil-In-Soil shaker test positive

Monitoring well development:
MW-PR-03 Started: incomplete; well needs additional investigation and is potentially unrecoverable
Total volume purged: 1.5 gallons
MW-PR-05 Completed: stabilization reached including <50NTU
Total volume purged: 82 gallons

Sample Management: Samples were shipped, via courier, in four coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Trip Blanks, an Equipment Blank, and a Field Blank were collected/shipped as required. One field duplicates and two MS/MSDs were collected. PACE courier showed up to site at approximately 1810 to collect samples. The following samples were held overnight for shipment tomorrow:
224402-SB-WI-04-AR-25-25.5
224402-SB-WI-04-AR-30-30.5
224402-SB-WI-02-AR-29-30
224402-SB-WI-02-AR-31-31.5

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Christine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
Tim Terlaga	AARCO	Helper	
Lawernce Miller	AARCO	Helper	
Alexander Salvador	AARCO		
Angel Meldrano	AARCO	Operator	
Daybi Pacheco	AARCO		

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)

	
Surface soil sample (0.0-0.5 ft) at SB-WI-01	Subsurface soil core (15-30 ft) at SB-WI-01
	
Subsurface soil core (55-60 ft) at SB-WI-01	Subsurface soil core (30-40 ft) at SB-WI-02
Comments	

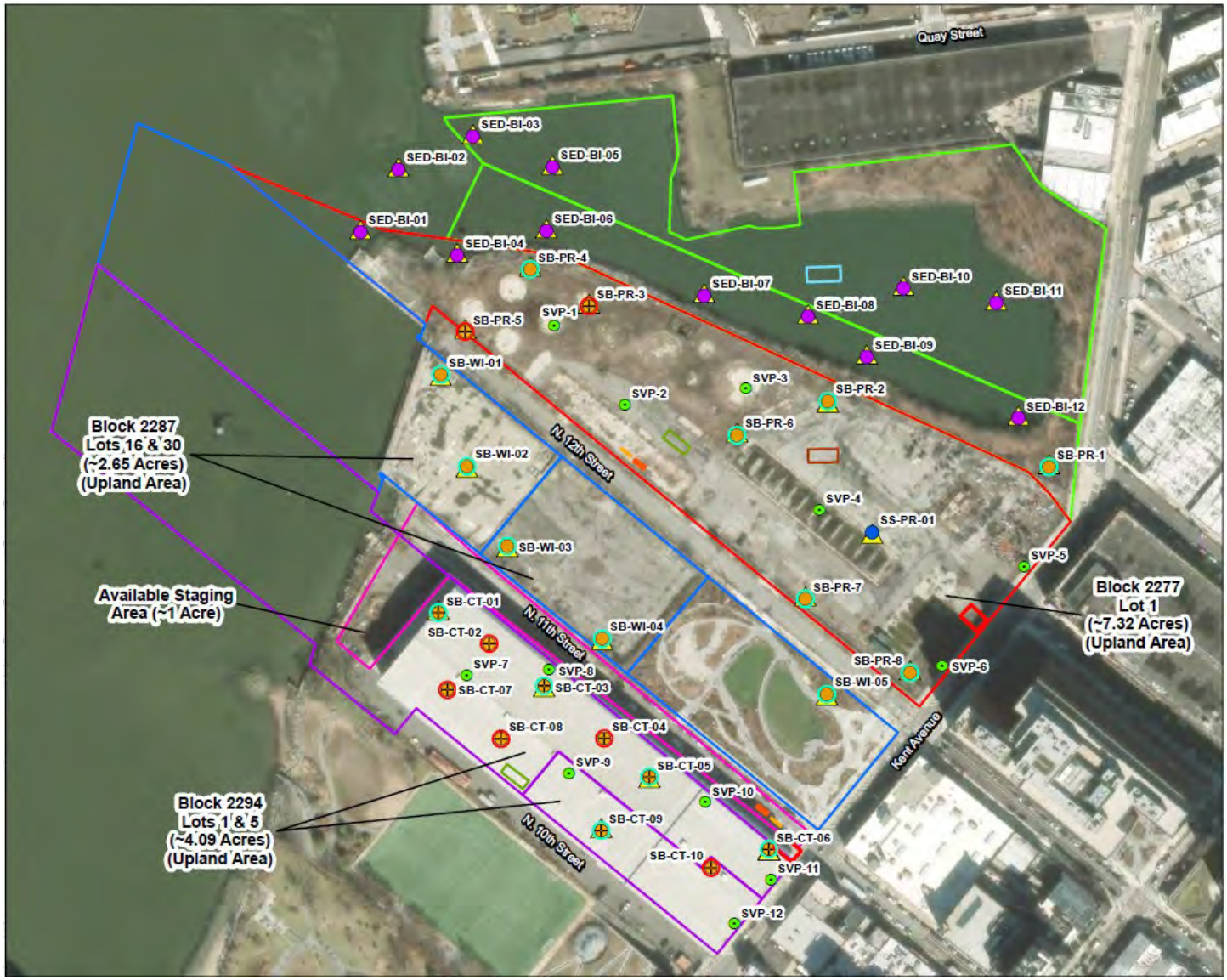
AARCO onsite when staff arrived at 0650 and was informed by foreman that 2nd rig would not be there until 10am. 2nd rig did arrive onsite at approximately 10am. Required materials for a second decon pad (staged at Citi) and well construction materials for deep wells were not onsite this morning. Mobilized both rigs to MGP to complete in tandem as alternative solution. SB-WI-03 is "silted" to 7.3'bgs when EA staff first attempted development. Through slow draw some silt was removed and a depth of 7.8'bgs was achieved (note screen is 4-19'bgs with sump from 19-24'bgs). High potential that well has blown out or suffered partial collapse. EA will attempt surging and redeveloping with added water on 9/17, waterra requested to assist in removal of silt fines. SB-WI-03 was gauged on 9/12 and was not silted in. Continue to have issues with AARCO not bringing required materials and equipment to the site on time.

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date**: 9/17/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 18, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Hot, minimal wind			
Temperature	73			
Wind	W, 6 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Moving equipment in public space (tracking rigs along roadway), heat stress, tripping hazards, line of fire/release of energy

Summary of Work Performed	Arrived at site:	0650	Departed Site:	1815

Soil Borings:
SB-WI-02 completed from 50' to 70'bgs
4th Sample: 58-60'bgs Forensic Analysis PID: 450 –staining, NAPL-like odor
SB-CT-05 MW completed to 20'bgs
1st Sample: 0.0-0.5'bgs Forensic Screening PID: 13.4
2nd Sample: 7-9'bgs (saturation) Forensic Screening PID: 17.0
Archive #1 13-15'bgs Forensic Analysis PID: 2340 – high PID/strong fuel-like odor, sheen, staining
*Refusal@ 20'bgs per AARCO due to encountering a large piling/pylon and binding the sonic
SB-WI-03 completed 5-70'bgs
2nd Sample: 11-13'bgs Forensic Analysis PID : 511.6 ppm
3rd Sample: 29'-31'bgs Forensic Screening PID: 82.4 ppm
4th Sample: 68'-70; Forensic Screening PID: 6.4 ppm
Archive # 1 7-8' bgs Forensic Analysis PID: 416.4 ppm
SB-CT-01 MW completed 0-30'bgs
1st Sample: 0.0-0.5'bgs Forensic Screening PID: 0.0 ppm
2nd Sample: 14-16'bgs Forensic Analysis PID : 1100 ppm
Archive #1 23'-24'bgs Forensic Analysis PID: 10.6 ppm

Monitoring well development:
MW-PR-03 Started: incomplete; well needs additional investigation and is potentially unrecoverable
Total volume purged: 1.5 gallons

Sediment: Confirmed barge will be onsite 9/22 per AARCO. Need to discuss with AARCO how they will be loading rig and where personnel are being picked up/shuttled etc. Onsite operator was not aware of how the logistics would work.

Sample Management: Samples were shipped, via courier, in four coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Trip Blanks, Equipment Blanks, and Field Blanks, per area of interest sampled, were collected/shipped as required. No field duplicates or MS/MSDs were collected today. PACE courier showed up to site at approximately 1730 to collect samples.

The following samples were held overnight for shipment tomorrow:
224341-SB-CT-01-AR-23-24
224341-SB-CT-05-AR-13-15

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Chirstine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
Daybi Pacheco	AARCO		
Tim Terlaga	AARCO	Helper	
Alexander Salvador	AARCO		
Warren James	AARCO		
Lawernce Miller	AARCO	Helper	
Angel Meldrano	AARCO	Operator	

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Elise He	TRC	Yes ☐	No ☒
William Bennett	NYSDEC	Yes ☐	No ☒
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

High potential that MW-PR-3 has blown out or suffered partial collapse; waterra requested to assist in removal of silt fines.



Subsurface Soil core (5-10 ft) at SB-CT-01



Subsurface Soil core (20-25 ft) at SB-CT-01



Subsurface Soil core (10-15 ft) at SB-WB-03



Subsurface Soil core (65-70 ft) at SB-WI-02

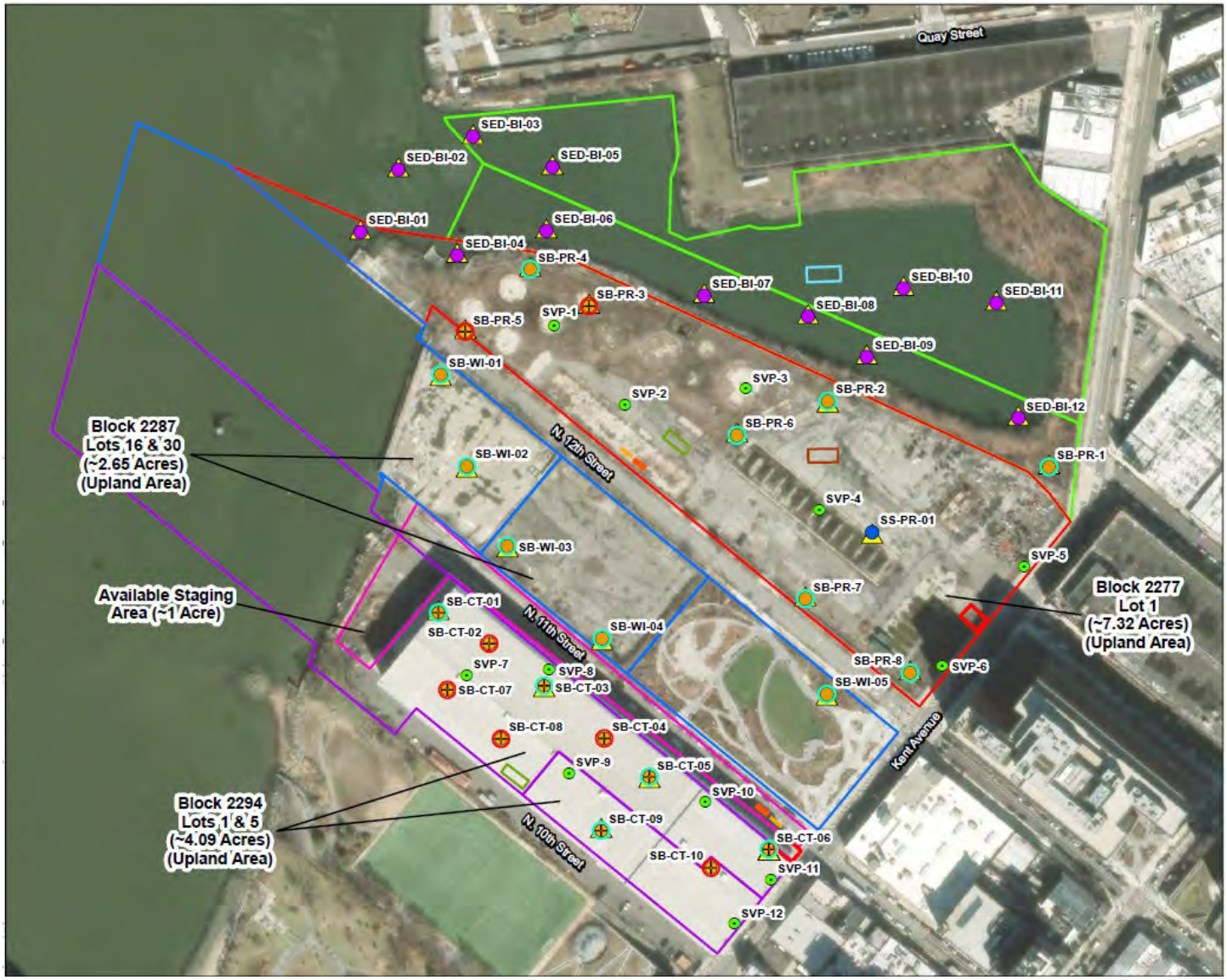
Comments

NYC Parks, TRC, and NYSDEC onsite for oversight for most of the day. TRC noted SB-PR-06 needs surface soil to complete abandonment. AARCO will complete. Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date: 9/18/2025**

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-CT-01
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 19, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron
Site Location: Brooklyn, New York		

Weather Conditions

General Description	Hot, minimal wind			
Temperature	75			
Wind	None			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Interaction with public, SOP standards, calibration fluids and gloves

Summary of Work Performed	Arrived at site:	0645	Departed Site:	1445

Soil Borings:

SB-CT-04 MW completed to 30'bgs
1st Sample: 0.0-0.5'bgs Forensic Screening PID: 3.6ppm + FD
2nd Sample: 8-10'bgs Forensic Analysis PID : 581 ppm – fuel like odor, sheen, saturated = MSMSD
3rd Sample: 23'-25'bgs Forensic Analysis PID: 80. ppm - odor
4th Sample: 25'-27; Forensic Screening PID: 25 ppm
Archive # 1 14-15' bgs Forensic Analysis PID: 1612 ppm – fuel like odor (trace), coating of sheen (trace)
SB-CT-01 MW Set-
- DTB: 28'bgs
- Filterpack: 30'-4.5'bgs
- Bottom of Screen: 21'bgs
- Top of Screen: 6'bgs
- Top of Seal: 2.5'bgs
- 5'sump in place due to potential for DNAPL presence

SB-CT-01 MW completed to 70'bgs; MW
- 3rd Sample: 30-32'bgs Forensic Analysis
- 4th Sample: 68-70'bgs Forensic Screening
- Archive #1 23-24'bgs

SB-CT-01 MW Set-
- DTB: 22'bgs
- Filterpack: 22-3'bgs
- Bottom of Screen: 20'bgs
- Top of Screen: 5'bgs
- Top of Seal: 1'bgs – grout to surface
- No Sump / No indicators of DNAPL

Sample Management: Samples were shipped, via courier, in three coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. A Trip Blank, Equipment Blank, and Field Blank were collected/shipped as required. One field duplicate and one MS/MSD were collected/submitted today. PACE courier showed up to site at approximately 1430 to collect samples.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	8
Sean Arnold	EA Engineering	Sample Manager	8
Kevin Smeruld	EA Engineering	Team Lead / Geologist	8
Chirstine Young	EA Engineering	Field Technician	8
Luke Councell	EA Engineering	Field Technician	8
Alexander Salvador	AARCO		7
Angel Meldrano	AARCO	Operator	7
Lawerence Miller	AARCO	Helper	7
Daybi Pacheco	AARCO		7
Warren James	AARCO		7

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
William Bennett	NYSDEC	Yes ☐	No ☒
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

MW-PR-03 Started: incomplete; well needs additional investigation and is potentially unrecoverable. Wattera onsite 9/22 and will attempt to recover MW-PR-03. NYSDEC requested the addition of a 70'boring outside the CitiStorage building footprint as well as step out locations to get the additional footage where we hit refusal when onsite. Discussed with PM and will note location in field maps for discussion with DEC.

Site Photographs (Descriptions Below)

	
Subsurface soil sample (0-0.5 ft) at SB-CT-04	Subsurface soil core (5-10 ft) at SB-CT-04
	
Subsurface soil core (50-55 ft) at SB-CT-01	Subsurface soil core (35-40 ft) at SB-CT-01

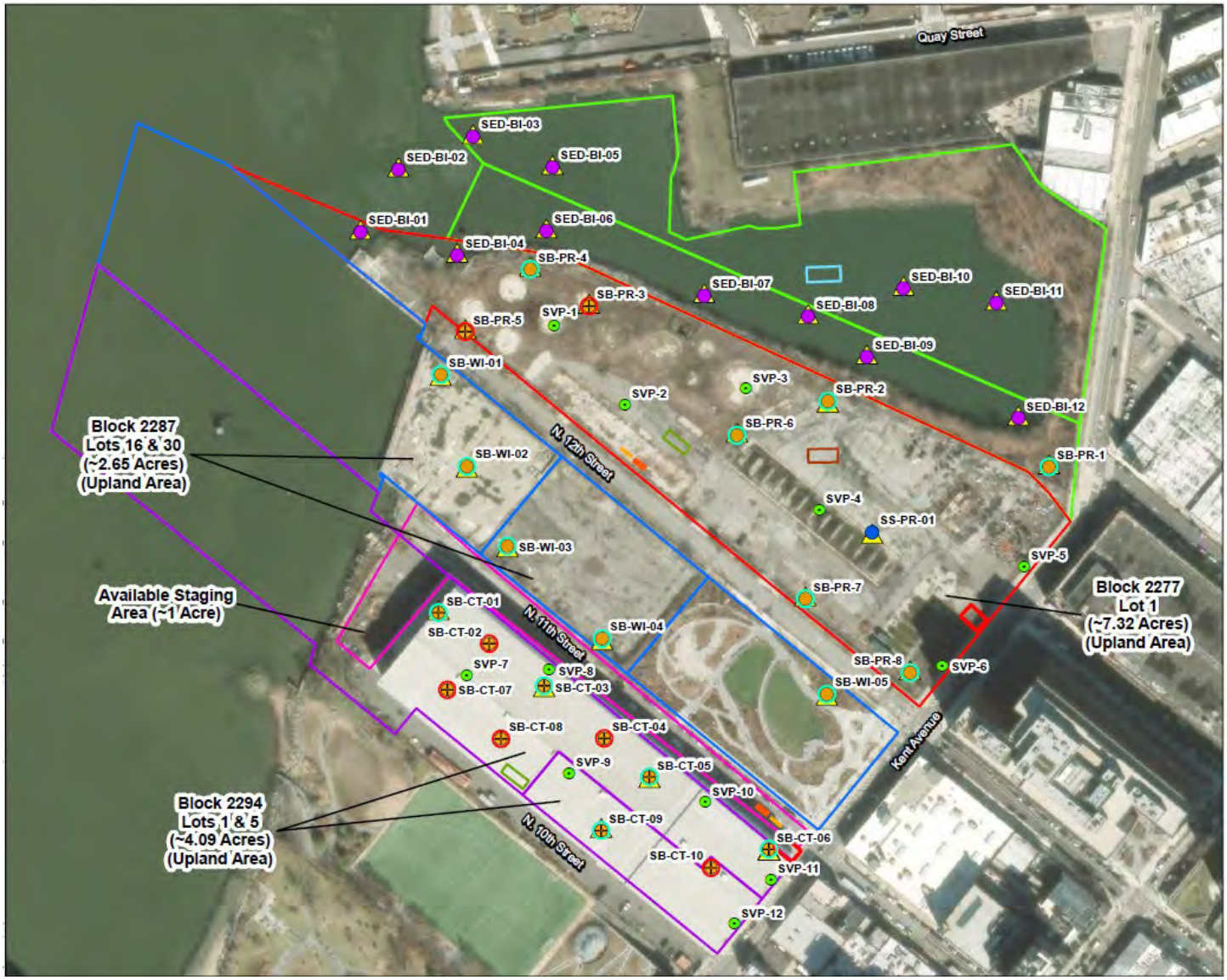
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date: 9/19/2025**

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-CT-01
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 22, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, low wind			
Temperature	66			
Wind	W, 5 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Using a spotter for backing up

Summary of Work Performed	Arrived at site:	06:30	Departed Site:	17:30

Soil Borings:

SB-CT-02 advanced to 30 ft bgs
- 1st sample taken at 0-0.5 ft bgs
- 2nd sample taken at at 18-20 ft bgs
- 3rd sample taken at 20-22 ft bgs
- 4th sample taken at 28-30 ft bgs

SB-CT-07 advanced to 30 ft bgs
- 1st sample taken at 0-0.5 ft bgs
- 2nd sample taken at 14-16 ft bgs
- 3rd sample taken at 18-20 ft bgs
- 4th sample taken at 28-30 ft bgs

Sediment Borings:
Mobilization day for the barge. AARCO mobilized from Staten Island with Miller Launch (AARCO's barge subcontractor) after getting loaded up and welded to the barge. Miller launch has determined Pratt's boat slip is not safe and EA staff will need to mobilize from Staten Island every day.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	
Sean Arnold	EA Engineering	Sample Manager	
Kevin Smeruld	EA Engineering	Team Lead / Geologist	
Christine Young	EA Engineering	Field Technician	
Luke Councell	EA Engineering	Field Technician	
Tim Terlaga	AARCO		
Alexander Salvador	AARCO		
Daybi Pacheco	AARCO		

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site			
Name	**Representing**	**Entered Exclusion/CRZ Zone**	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

NYSDEC provided coordinates for Williamsburg MGP wells to resolve the missing MW IDs. EA is working on mobilizing additional staff to assist with sampling to maintain schedule.

Issues Pending (*List any deviations from planned field work.*)

AARCO has notified that MW-PR-03 should be redrilled. AARCO started mobilizing their barge to the site from Staten Island. EA staff will need to mobilize from Staten Island this week but will need to find a closer location to be able to shuttle samples and staff as well as NYSDEC as needed to save time and maintain schedule.

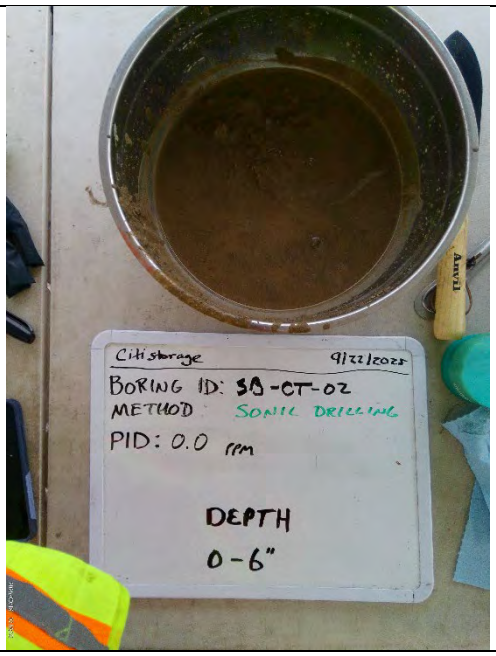
Site Photographs (Descriptions Below)



Surface soil sample (0-0.5 ft) at SB-CT-07



Subsurface soil core (20-25 ft) at SB-CT-07

	
Surface soil sample (0-0.5 ft) at SB-CT-02	Subsurface soil core (20-25 ft) at SB-CT-02

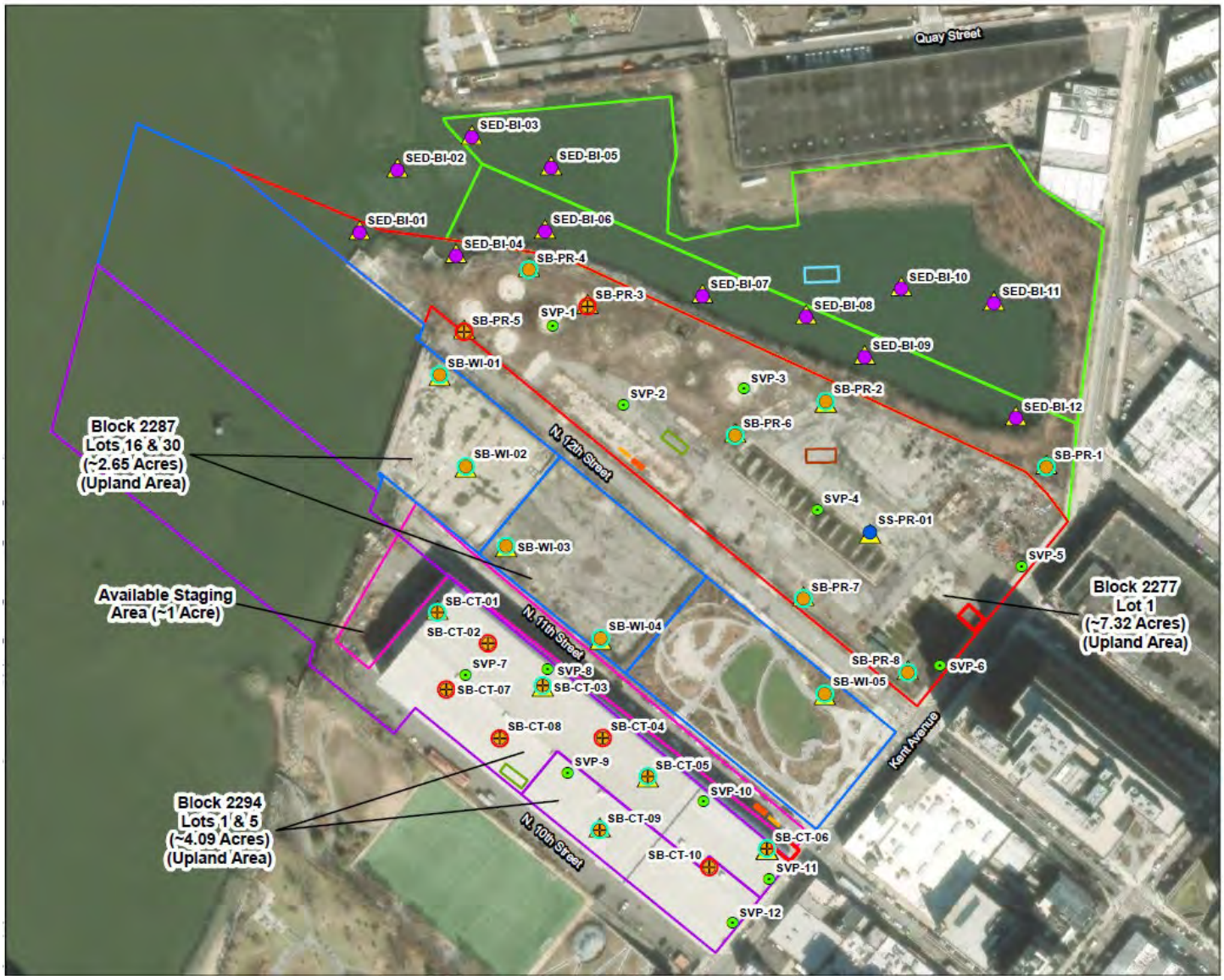
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date: 9/22/2025**

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
N. 12th Street
SB-WI-02
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 23, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Hot, moderate winds			
Temperature	73			
Wind	SW, 10 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: PPE, use of gloves during handling of material, water safety, movement of barge/skiff, footing, slippery surfaces.

Summary of Work Performed	Arrived at site:	0515	Departed Site:	1730

Soil Borings:

SB-CT-07 SB completed to 70'bgs; MW
SB-CT-07 MW Set-
- DTB: 26'bgs
- Filterpack: 28-4'bgs
- Bottom of Screen: 21'bgs
- Top of Screen: 6'bgs
- To Seal: 2'bgs – grout to surface
- Sump / Possible indicators of NAPL: 21-26'bgs

SB-CT-03: completed to 70'bgs; MW
1st Sample 0.0-0.5'bgs + FD, Screening
2nd Sample 12-14'bgs + MS/MSD – PID: 1505ppm, Slight sheen, Fuel-like odor
3rd Sample 17-19'bgs – PID: 686.2ppm, Oil In Soil shaker test positive, strong fuel like odor
4th Sample 68-70'bgs – PID: 0.4ppm, Screening
Archive Sample # 1 20-21'bgs – PID: 7.3ppm
SB-CT-03 MW Set-
- DTB: 26'bgs
- Filterpack: 28-4'bgs
- Bottom of Screen: 21'bgs
- Top of Screen: 6'bgs
- To Seal: 2'bgs – grout to surface
- Sump / Possible indicators of NAPL: 21-26'bgs

SB-CT-08: completed to 30'bgs; MW
1stSample 0.0-0.5'bgs
2nd Sample 15-17'bgs – PID: 204.3ppm, slight sheen, strong fuel-like odor, 10-15'bgs interval low recovery, therefore interval #2 was moved to the next interval
3rd Sample 19-21'bgs – PID: 190.8ppm, Oil in Soil shaker test positive, strong fuel like odor
4th Sample 28-30'bgs – PID: 5.2ppm

Archive # 1 Sample 13-14'bgs – PID: 91.7ppm

Sediment Borings:
SED-BI-10: Casing to 40'bgs, sampling completed to 10'bgs (below mudline); next target is 12-14' below mudline based on historical; casing in place (barge is spudded in place) and will continue advancing 9/24.

1st Sample 0.0-0.6' PID= 0.1

Note: Drilling did not commence until almost 1100 due to equipment loading and rig maintenance by AARCO, initial advancement resulted in no recovery of sediment above competent material (mudline), core catcher was lost on first attempt, replaced and tried for 2nd time. Discussed with senior technical person to verify displacement, process etc. Access issues for barge required field staff to mobilize in/out of Staten Island at short notice. EA may experience difficulty in accessing several locations due to pilings, debris, etc and alternative locations have been verified by vessel operator.

Monitoring well development:
MW-PR-03 Started: incomplete and AARCO would be redrilling at their cost. Monsoon inoperable this morning and a replacement was ordered. Pump provided by AARCO for development. All installed wells gauged this morning and in healthy "pre-development" state.

Soil Vapor: SVP is planned to be completed week of 9/29. Summary canisters will be ordered 9/24. Shroud, helium and all other sampling materials are enroute.

Sample Management: Samples were shipped, via courier, in two coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. A Trip Blank, Equipment Blank, and Field Blank were collected/shipped as required. One field duplicate and one MS/MSD were collected/submitted today. PACE courier showed up to site at approximately 1800 to collect samples. SED-BI-10 samples, with exception of hexchrome, were held overnight on ice for shipment on 9/24.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	12.5
Sean Arnold	EA Engineering	Sample Manager	11.5
Kevin Smeruld	EA Engineering	Team Lead / Geologist	11.5
Christine Young	EA Engineering	Field Technician	11.5
Luke Councell	EA Engineering	Field Technician	12.5
Kritika Thapa	EA Engineering	Project Manager	2
Tim Terlaga	AARCO		10
Alexander Salvador	AARCO		10
Daybi Pacheco	AARCO		10

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Elise He	TRC	Yes ☐	No ☒
Richard Mustico	NYSDEC	Yes ☐	No ☒
Kritika Thapa	EA	Yes ☐	No ☒

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)
EA staff have been mobilizing with AARCO from Staten Island. AARCO and EA are currently working on access from a nearby marina.

Site Photographs (Descriptions Below)



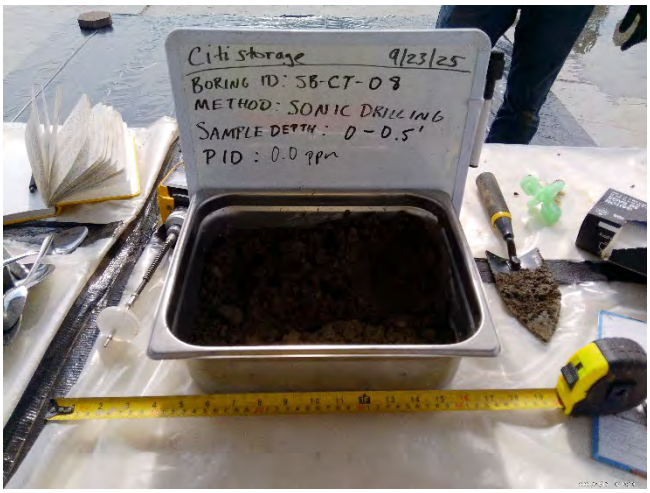
Subsurface soil core (5-10 ft) at SB-CT-03



Subsurface soil core (35-40 ft) at SB-CT-03



Subsurface soil core (10-15 ft) at SB-CT-03



Surface soil sample (0-0.5 ft) at SB-CT-08

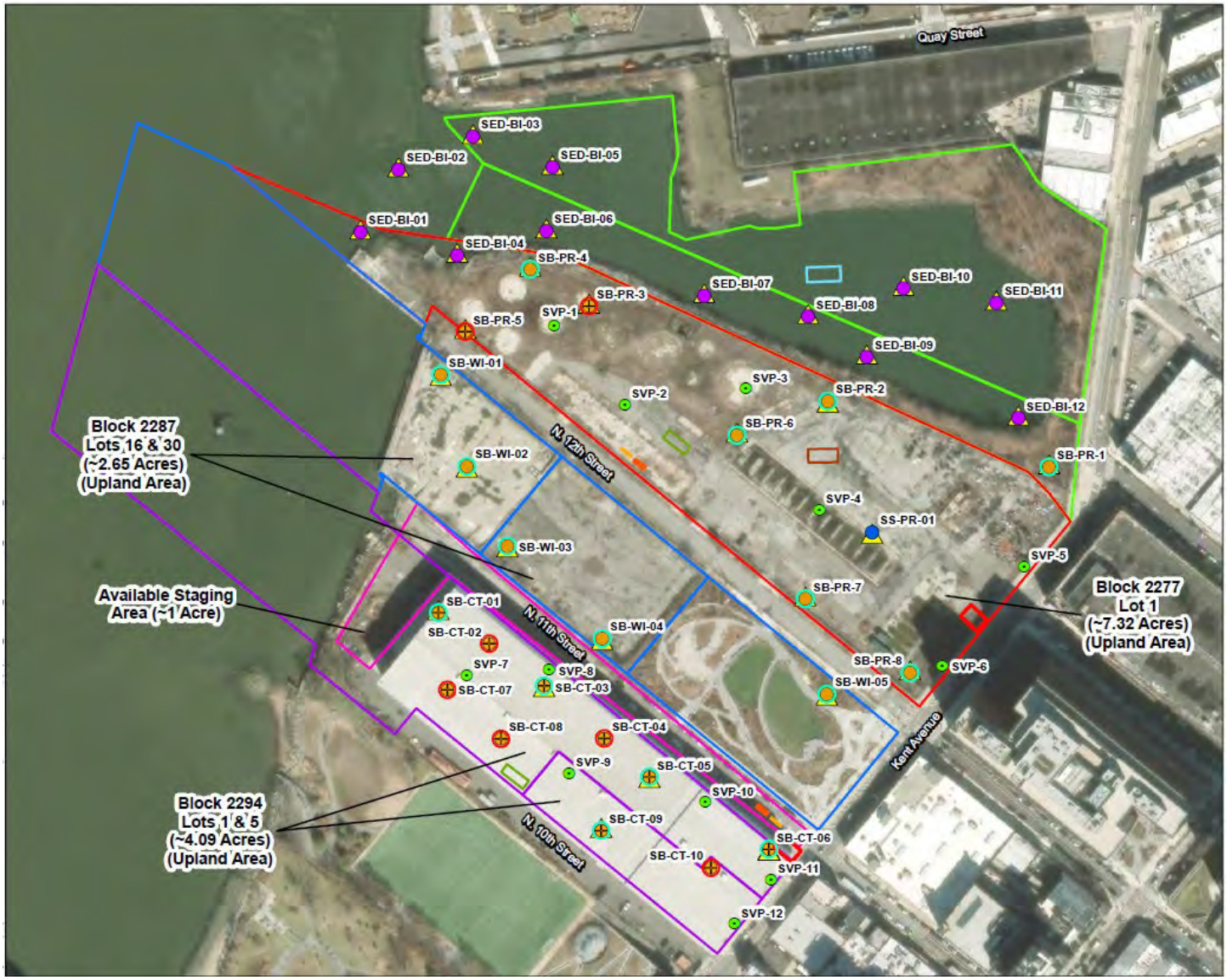
Comments

Frac tank on site and staged at CitiStorage.

Site Inspector(s): Katelyn Cameron	**Date:** 9/23/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-CT-01
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 24, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Hot, slight winds			
Temperature	73			
Wind	SW, 3 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Slippery surfaces, trash/contaminated material management, PPE, wet work

Summary of Work Performed	Arrived at site:	0530	Departed Site:	1800

Soil Boring:
SB-CT-08 SB completed to 30'bgs; MW
SB-CT-08 MW Set-
- DTB: 26'bgs
- Filterpak: 28-4'bgs
- Bottom of Screen: 21'bgs
- Top of Screen: 6'bgs
- Top of Seal: 2'bgs – grout to surface
- Sump / Possible indicators of NAPL: 21-26'bgs

SB-CT-09: completed to 70'bgs; MW
1st Sample 0.0-0.5'bgs + FD, Screening
2nd Sample 08-10'bgs – PID: 1224ppm, Fuel-like odor, Slight sheen, Oil shaker test positive, Analysis
3rd Sample 15-17'bgs – PID: 242.2ppm, Oil shaker test positive, strong fuel like odor, Analysis
4th Sample 68-70'bgs – PID: 1.0ppm, Screening
SB-CT-09 MW Set-
- DTB: 26'bgs
- Filterpak: 28-4'bgs
- BoScreen: 21'bgs
- To Screen: 6'bgs
- To Seal: 2'bgs – grout to surface
- Sump / Possible indicators of NAPL: 21-26'bgs

Sediment: Completed SED-BI-10 to 60' and mobilized barge to SED-BI-11 was completed to 30' and cased to 40' below mudline EOB. Will be completing SED-11 and mobilizing to SED-12 on 9/25.

Monitoring well development:
MW-CT-01 completed
MW-CT-04 completed

MW-PR-03 Started: incomplete and per Dahby (onsite foreman) AARCO would be redrilling at their cost at end of effort. Monsoon inoperable this morning and a replacement was ordered, pump provided by AARCO and well development of CT-02, CT-03, CT-07, CT-08, CT-09 pending development.

Soil Vapor: SVP is planned to be completed week of 9/29. Summa canisters will be ordered 9/24. Shroud, helium and all other sampling materials are enroute.

Sample Management: Samples were shipped, via courier, in three coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Two Trip Blanks, two Equipment Blanks, and two Field Blank, one of each per site sampled, were collected/shipped as required. One field duplicate and one MS/MSD were collected/submitted today. PACE courier showed up to site at approximately 1700 to collect samples.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	12.5
Sean Arnold	EA Engineering	Sample Manager	11.5
Kevin Smeruld	EA Engineering	Team Lead / Geologist	11.5
Christine Young	EA Engineering	Field Technician	11.5
Luke Councell	EA Engineering	Field Technician	12.5
Kritika Thapa	EA Engineering	Project Manager	5
Tim Terlaga	AARCO		11
Alexander Salavdor	AARCO		11
Daybi Pacheco	AARCO		11

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

EA is coordinating additional staff for groundwater sampling and soil vapor point installation oversight to maintain schedule.

Issues Pending (*List any deviations from planned field work.*)

EA is coordinating nearby boat slips with AARCO for safe loading of personnel. EA has also reached out to NYC Parks for any possible assistance. Brooklyn Bridge Marina is a possibility at $500 per day. EA and AARCO began the paperwork.

Site Photographs (Descriptions Below)

	
Subsurface soil core (25-30 ft) at SB-CT-09	Subsurface soil core (35-40 ft) at SB-CT-09
	
Subsurface soil core (30-35 ft) at SB-CT-09	Subsurface soil core (5-10 ft) at SB-CT-09

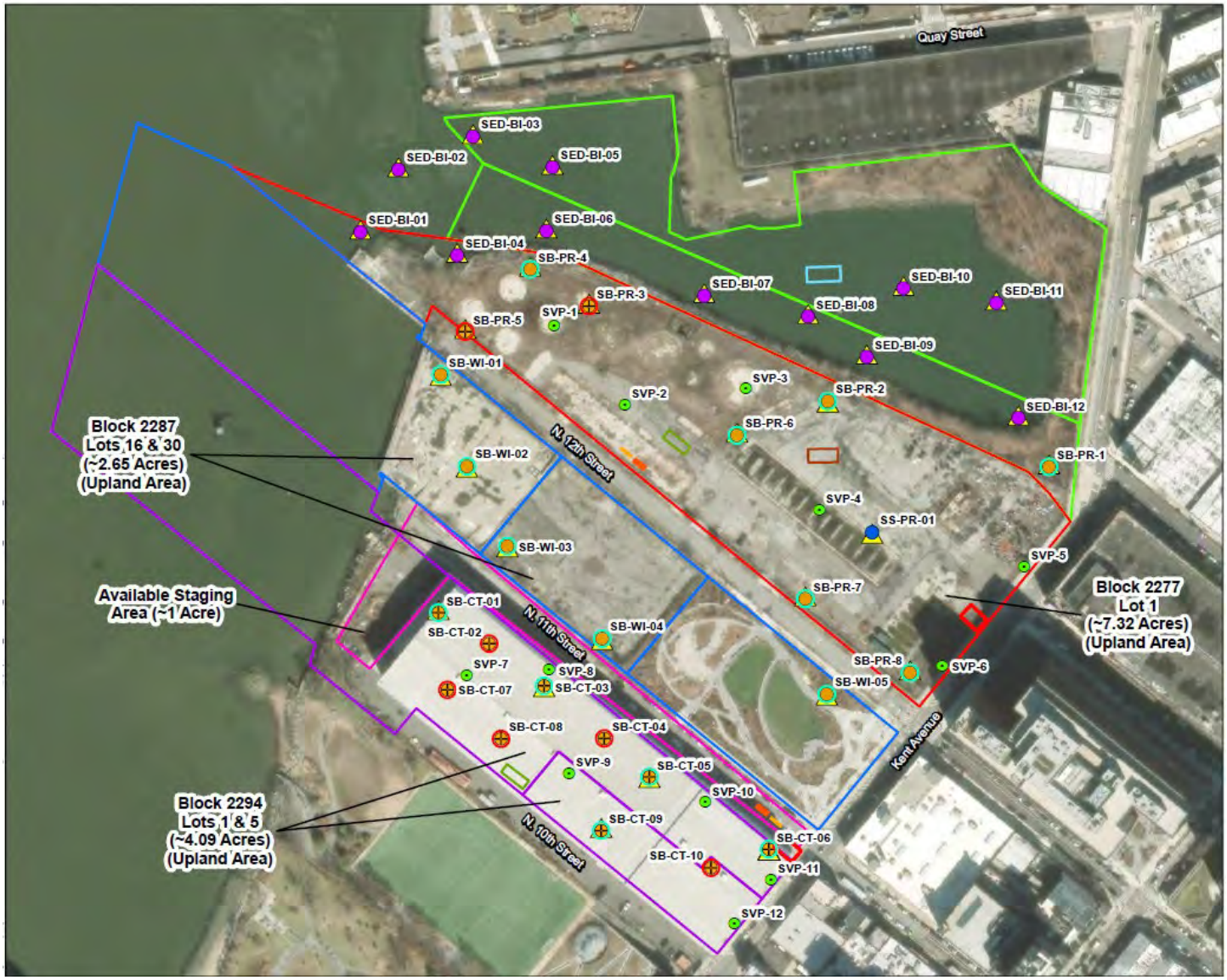
	
Sediment core immediately below mudine (0-5 ft)	Subsurface core (20-30 ft) at SED-BI-11
	
Positive Oil-In-Soil shaker test at SED-11-12-14	

Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date: 9/24/2025**

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 25, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, mild winds			
Temperature	73			
Wind	S, 6 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Boat safety and access, sun exposure, exhaustion/sleep.

Summary of Work Performed	Arrived at site:	0530	Departed Site:	1800

Soil Borings:
SB-CT-08 SB completed to 30'bgs; MW
SB-CT-08 MW Set-
- DTB: 26'bgs
- Filterpack: 28-4'bgs
- Bottom of Screen: 21'bgs
- Top of Screen: 6'bgs
- Top of Seal: 2'bgs – grout to surface
- Sump / Possible indicators of NAPL: 21-26'bgs

SB-CT-09: completed to 70'bgs; MW
- 1st Sample 0.0-0.5'bgs + FD, Screening

2nd Sample 08-10'bgs – PID: 1224ppm, Fuel-like odor, Slight sheen, Oil shaker test positive, Analysis
3rd Sample 15-17'bgs – PID: 242.2ppm, Oil shaker test positive, strong fuel like odor, Analysis
4th Sample 68-70'bgs – PID: 1.0ppm, Screening
SB-CT-09 MW Set-
- DTB: 26'bgs
- Filterpack: 28-4'bgs
- Bottom of Screen: 21'bgs
- Top of Screen: 6'bgs
- Top of Seal: 2'bgs – grout to surface
- Sump / Possible indicators of NAPL: 21-26'bgs

Sediment Borings: Completed SED-BI-11 to 60' below mudline and mobilized barge to SED-BI-12 and completed 40' casing and recovery of 30' of sample (below mudline) collected initial sample, casing in place (barge is spudded in place) and will complete remainder on 9/26. All samples collected per sample matrix. AARCO bringing different bits and sediment traps to increase recovery of sediment.

Monitoring well development:
MW-CT-01 completed
MW-CT-04 completed

MW-PR-03 per AARCO would be redrilling at their cost at end of effort. Well development of CT-02, CT-03, CT-07, CT-08, CT-09 pending.

Soil Vapor: SVP is planned to be completed week of 9/29. Shroud, helium and all other sampling materials are enroute. Have discussed shallow installation with PM due to shallow water table, particularly at Pratt.

Sample Management:
Samples were shipped, via courier, in three coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Two Trip Blanks, one Equipment Blank, and one Field Blank were collected/shipped as required. No field duplicate or MS/MSD were collected/submitted today. PACE courier showed up to site at approximately 1700 to collect samples.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	12.5
Sean Arnold	EA Engineering	Sample Manager	11.5
Kevin Smeruld	EA Engineering	Team Lead / Geologist	11.5
Christine Young	EA Engineering	Field Technician	11.5
Luke Councell	EA Engineering	Field Technician	12.5
Alexander Salvador	AARCO		11.5
Tim Terlaga	AARCO		11.5
Daybi Pacheco	AARCO		11.5

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Boat slip at Brooklyn marina likely be available for access; working out another option with NYC Parks if the insurance requirements can be waived. Due to shallow water table, SVP points will be modified. EA will handle step outs for locations where EA previously hit refusal at the request of NYSDEC (SB-PR-7 and SB-CT-05). These will not be sampled for intervals where previously sampled. Need confirmation from NYSDEC on how many wells to sample.

Site Photographs (Descriptions Below)

	
Subsurface soil core (20-25 ft) at SB-CT-06	Subsurface soil core (50-55 ft) at SB-CT-06
	
Subsurface soil core (25-30 ft) at SB-CT-06	Subsurface soil core (15-20 ft) at SB-CT-06

	
Subsurface sediment core (30-40 ft) at SED-BI-11	Subsurface sedimet core (20-30 ft) at SED-BI-12

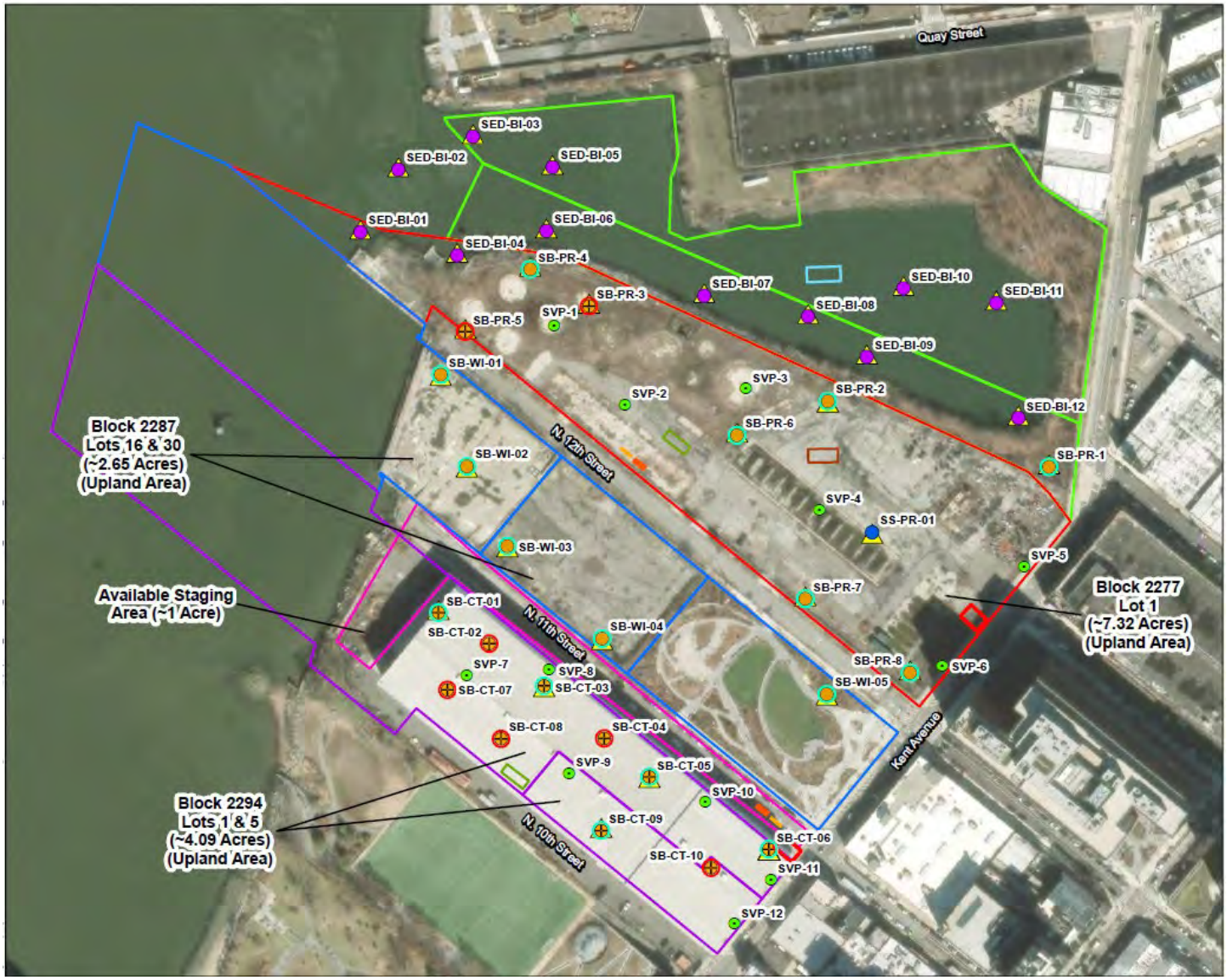
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date: 9/25/2025**

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 26, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Hot, slight wind			
Temperature	75			
Wind	S, 5 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Release of energy (rolling rods, equipment in motion), splashback from decon/sediment/filling drums, eye protection, using appropriate work gloves for task (cutting gloves, leather, waterproof etc.)

Summary of Work Performed	Arrived at site:	0530	Departed Site:	1800

Soil Borings:
SB-CT-06 SB completed to 70'bgs; MW
SB-CT-06 MW Set:

DTB: 41'bgs

Filterpack: 14-43'bgs

Bottom of Screen: 36'bgs

Top of Screen: 16'bgs

Top of Seal: 12'bgs – grout to surface (grouted 9/26/25)

Sump / indicators of DNAPLs: 36-41'bgs

SB-CT-10: completed to 30'bgs; MW:

1st Sample 0.0-0.5'bgs – PID: 0.1ppm

2nd Sample 11-13'bgs – PID: 221.6ppm, Fuel-like odor, Oil-In-Soil shaker test positive. Analysis

3rd Sample 16-18'bgs – PID: 41.2ppm

4th Sample 28-30'bgs – PID: 6.4ppm,

Monitoring well development:
Unable to develop wells due to heavy rain flooding the pad and covering all lower wells in 3"+ of water. Used AARCO sump pump to assist in draining pad for development to continue over the weekend.

Sediment:
SED-BI-12-58-60' (SCREENING)
SED-BI-09-0.0-0.5 (FORENSICS)
SED-BI-09-8-10 (FORENSICS/HISTORICAL)
SED-BI-09-12-14 (FORENSICS)
SED-BI-09-58-60 (SCREENING)
SED-BI-08-0.0-0.6 (FORENSICS)
SED-BI-08-10-12 (FORENSICS)
Casing in place to 30'bgs and will continue on monday. New bit/traps have increased recovery at higher intervals.

Soil Vapor: SVP is planned to be completed Oct 1st, 2nd, 3rd. PM confirming material requirements with AARCO. Verified that hose clamps are "ok" for attaching probe to tubing, seems odd to me because it must be gas tight and have always used swagloks/ferrules but verified hose clamps are good to go as thats all AARCO has.

Sample Management:
Samples were shipped, via courier, in three coolers, on ice. COCs verified with Field Lead/Data Manager. COC copies provided to lab. Two Trip Blanks, one Equipment Blank, and one Field Blank were collected/shipped as required. No field duplicate or MS/MSD were collected/submitted today. PACE courier showed up to site at approximately 1700 to collect samples.

Personnel and Equipment

Individual	Company	Trade	Total Hours
Katelyn Cameron	EA Engineering	Field Manager / Geologist	12
Sean Arnold	EA Engineering	Sample Manager	12
Kevin Smeruld	EA Engineering	Team Lead / Geologist	12
Luke Councell	EA Engineering	Field Technician	12
Tim Terlaga	AARCO		7.5
Alexander Salvador	AARCO		7.5

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

EA has requested NYC Parks for an extension for survey permit as well as additional borings installation to allow for sufficient time to complete the work.

Issues Pending (*List any deviations from planned field work.*)

EA will be using boat slip from Brooklyn Marina starting next week. PM discussed location for the new boring MW-CT-11 with NYSDEC and provided directions to the staff. EA has provided directions to AARCO for soil vapor points for shallow water table.

Site Photographs (Descriptions Below)



Subsurface soil core (30-40 ft) at SED-BI-09



Subsurface soil core (40-50 ft) at SED-BI-12



Surface soil sample (0-0.5 ft) at SB-CT-10.



Subsurface soil core (25-30 ft) at SB-CT-10.

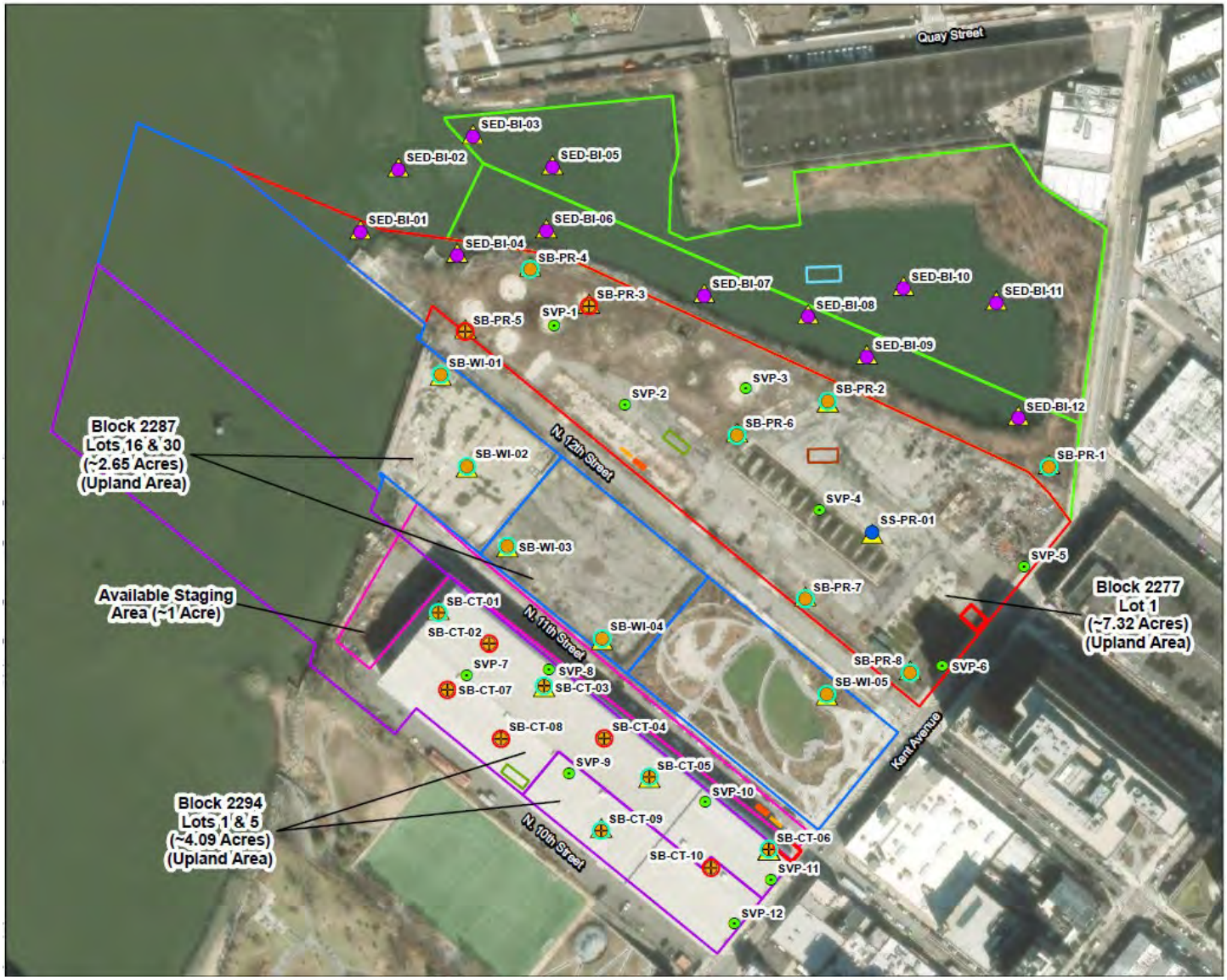
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave.

Site Inspector(s): Katelyn Cameron	**Date:** 9/26/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-CT-01
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 27, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Hot, moderately windy			
Temperature	71			
Wind	NE, 10 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Decon fluids, heat exposure, pinch points

Summary of Work Performed	Arrived at site:	10:00	Departed Site:	17:00

WELL DEVELOPMENT:
Developed MW-CT-07, MW-CT-08 and MW-CT-03. MW-CT-03 took close to 3 hours to stabilize and was surged many times.

Personnel and Equipment

Individual	Company	Trade	Total Hours
K. Cameron	EA		
S. Arnold	EA		

Equipment Description	Contractor/Vendor	Quantity	Used

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

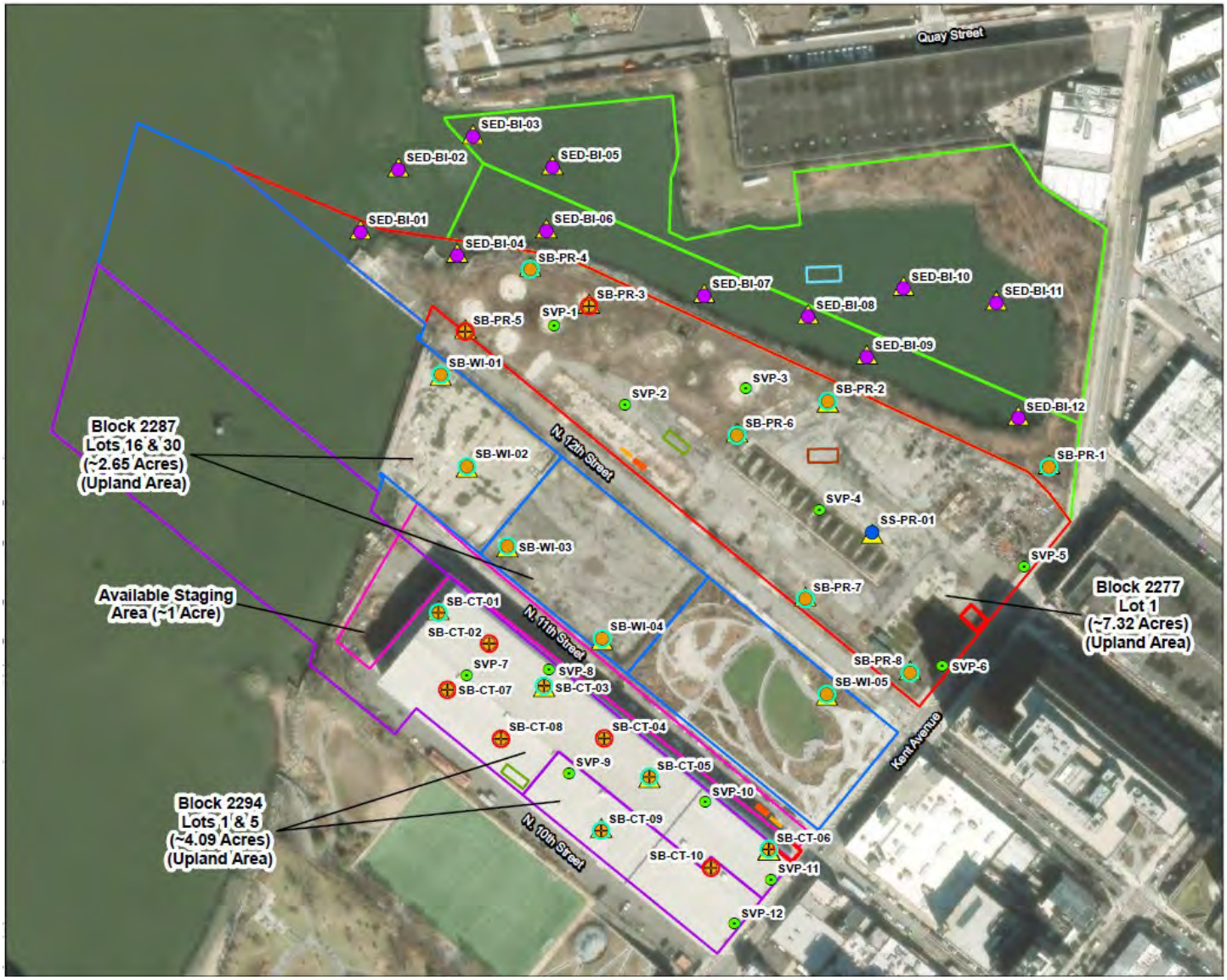
Issues Pending (*List any deviations from planned field work*.)

Comments
Weekend activity, so only two staff onsite. AARCO did not stage empty drums at wells as requested which required EA to use (2) available empty drums and repeatedly pump into Frac tank which takes approximately 45 minutes, between each well.

Site Inspector(s): Katelyn Cameron	**Date:** 9/27/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-CT-01
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 29, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, moderately windy			
Temperature	72			
Wind	NE, 8 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Overhead hazards

Summary of Work Performed	Arrived at site:	0600	Departed Site:	1930

Soil Borings:

SB-CT-11 advanced to 30 ft bgs
- 1st sample taken at 0-1 ft bgs
- 2nd sample taken at 5-7 ft
- 3rd sample taken at 22-23 ft

Sediment Borings:

SED-BI-08 completed to 60 ft bgs
- Sample taken at 30-32 and 58-60 ft bgs

SED-BI-07 advanced to 60 ft bgs
- 1st sample taken at 0-0.5 ft bgs
- 2nd sample taken at 10-12 ft bgs due to odor/sheen
- 3rd sample taken at 20-30 ft bgs due to minimal staining and trace odor
- 4th sample taken at 35-35.5 ft bgs due to staining and odor
- 5th sample taken at 32.5-33 ft bgs due to staining and odor
- 6th sample taken at 55-57 ft bgs, no obvious signs of contamination

Groundwater:

- Sample taken at MW-CT-01
- Sample taken at MW-CT-03
- Sample taken at MW-CT-08

Individual	Company	Trade	Total Hours
K Smerud	EA		
A Faux	EA		
K. Cameron	EA		

L. Councell	EA		
E Beardslee	EA		
S. Arnold	EA		
D. Pacheco	AARCO		
J. Correa	AARCO		

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



Subsurface soil core (20-25 ft) at SB-CT-11



Oil in soil tests for SB-CT-11 (left 5-7 ft, right 22-24 ft)



Subsurface soil core (10-15 ft) at SB-CT-05



Surface soil sample (0.0-0.5 ft) at SB-CT-11



Subsurface sediment core (30-40 ft) at SED-BI-08



Subsurface sediment core at (50-60 ft) SED-BI-07

Comments

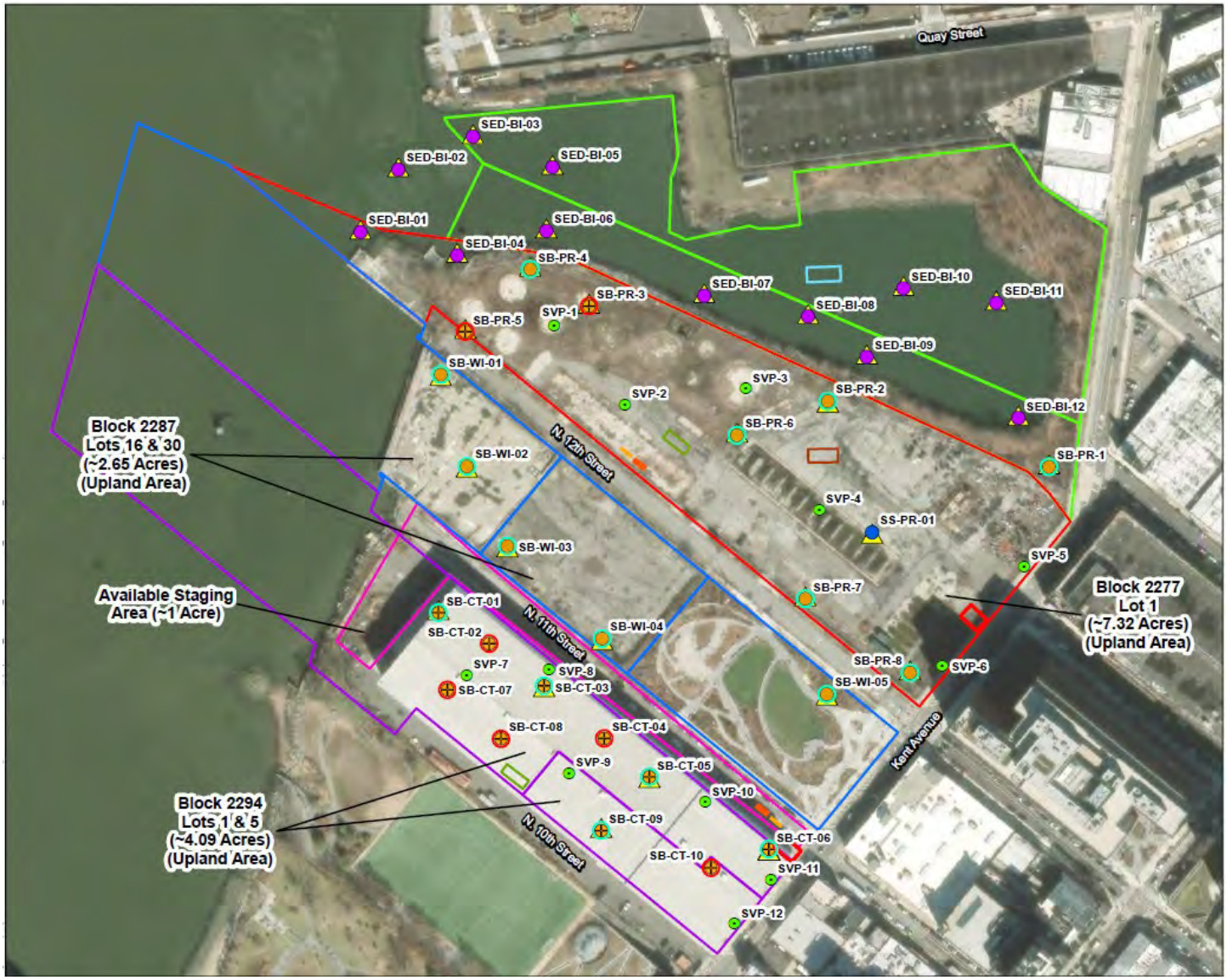
EA has started accessing the boat slip at Brooklyn Marina.

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave.

Site Inspector(s): Katelyn Cameron	**Date:** 9/29/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Sept 30, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Hot, moderately windy			
Temperature	74			
Wind	NE, 14 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Noise Safety

Summary of Work Performed	Arrived at site:	06:00	Departed Site:	18:50

Soil Borings:

SB-CT-11 advanced to 70 ft bgs
- Sample taken at 30-32 ft bgs
- Sample taken at 40-42 ft bgs
- Sample taken at 68-70 ft bgs

Sediment Borings:

SED-BI-05 advanced to 60 ft bgs
- Sample taken at 0-0.5 ft bgs
- Sample taken at 14-16 ft bgs
- Sample taken at 16-18 ft bgs
- Sample taken at 33-35 ft bgs
- Sample taken at 55-57 ft bgs

SED-BI-06 advanced to 60 ft bgs
- Sample taken at 0-0.5 ft bgs
- Sample taken at 10-12 f tbgs
- Sample taken at 42-44 ft bgs
- Sample taken at 55-57 ft bgs

Groundwater

- Sample taken at MW-CT-04
- Sample taken at MW-2416
- Sample taken at MW-PR-05

Personnel and Equipment

Individual	Company	Trade	Total Hours
K Smerud	EA		
A Faux	EA		
K. Cameron	EA		
L. Councell	EA		
E Beardslee	EA		
S. Arnold	EA		
D. Pacheco	AARCO		
J. Correa	AARCO		

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



Subsurface soil core (35-40 ft) at SB-CT-11



Subsurface soil core (50-55 ft) at SB-CT-11



Groundwater sampling at MW-2416



Subsurface sediment core (10-20 ft) at SED-BI-05



Subsurface sediment core (20-30 ft) at SED-BI-05



Subsurface sediment core (30-40 ft) at SED-BI-06

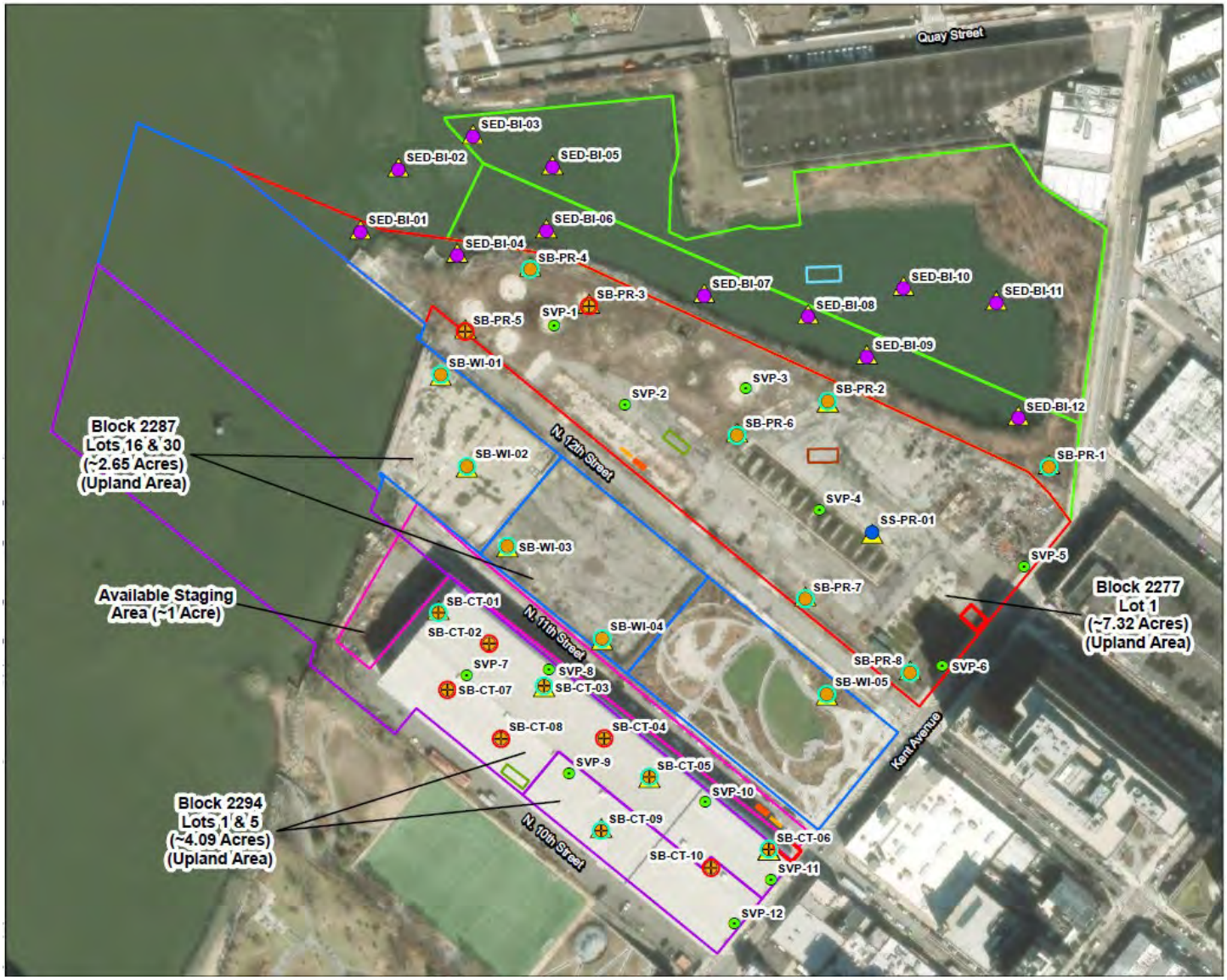
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave. Project Manager notified whenever unauthorized personnel are onsite.

Site Inspector(s): Katelyn Cameron	**Date:** 9/30/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Oct 1, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, high winds			
Temperature	67			
Wind	NE, 15 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: pinch points

Summary of Work Performed	Arrived at site:	06:00	Departed Site:	19:30

Soil Borings:

SB-PR-07 for step out location.

SB-PR-07 advanced to 70 ft bgs
- Sample taken at 50-51 ft bgs
- Sample taken at 58-60 ft bgs
- Sample taken at 63-65 ft bgs
- Sample taken at 68-70 ft bgs

Sediment Borings:

SED-BI-04 advanced to 60 ft bgs
- Sample taken at 0-0.5 ft bgs
- Sample taken at 14-16 ft bgs
- Sample taken at 18.5-19 ft bgs
- Sample taken at 41-43 ft bgs
- Sample taken at 55-57 ft bgs

SED-BI-03 advanced to 60 ft bgs
- Sample taken at 0-0.5 ft bgs
- Sample taken at 19-20 ft bgs
- Sample taken at 25-27 ft bgs
- Sample taken at 55-57 ft bgs

Groundwater
- Sample taken at LPB-1/MW-1
- Sample taken at LPB-6/MW-9
- Sample taken at LPB-15/MW-8
- Sample taken at MW-210D

Personnel and Equipment

Individual	Company	Trade	Total Hours
K Smerud	EA		
A Faux	EA		
E Beardslee	EA		
K. Cameron	EA		
L. Councell	EA		
S Arnold	EA		
D Pacheco	AARCO		
J Correa	AARCO		
D Johnson	AARCO		
A Oliva	AARCO		
E Salvador	AARCO		
Kritika Thapa	EA		

Equipment Description	Contractor/Vendor	Quantity	Used
Sonic	AARCO	2	
Skid Steer	AARCO	1	
DPT rig	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
Elise He	TRC	Yes ☐	No ☒
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

NYSDEC has provided guidance on additional wells to sampled across all sites. EA plans on mobilizing additional staff next week to wrap up on time.

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)

	
Subsurface soil core (45-50 ft) at SB-PR-07	Subsurface soil core (60-65 ft) at SB-PR-07
	
Groundwater sampling at LPB-15/MW-8	Surface sediment (0-0.5 ft) at SED-BI-03

	
Subsurface sediment core (30-40 ft) at SED-BI-04 (samples were collected after adjusting for water depth)	Subsurface sediment core (20-30 ft) at SED-BI-04 (samples were collected after adjusting for water depth)

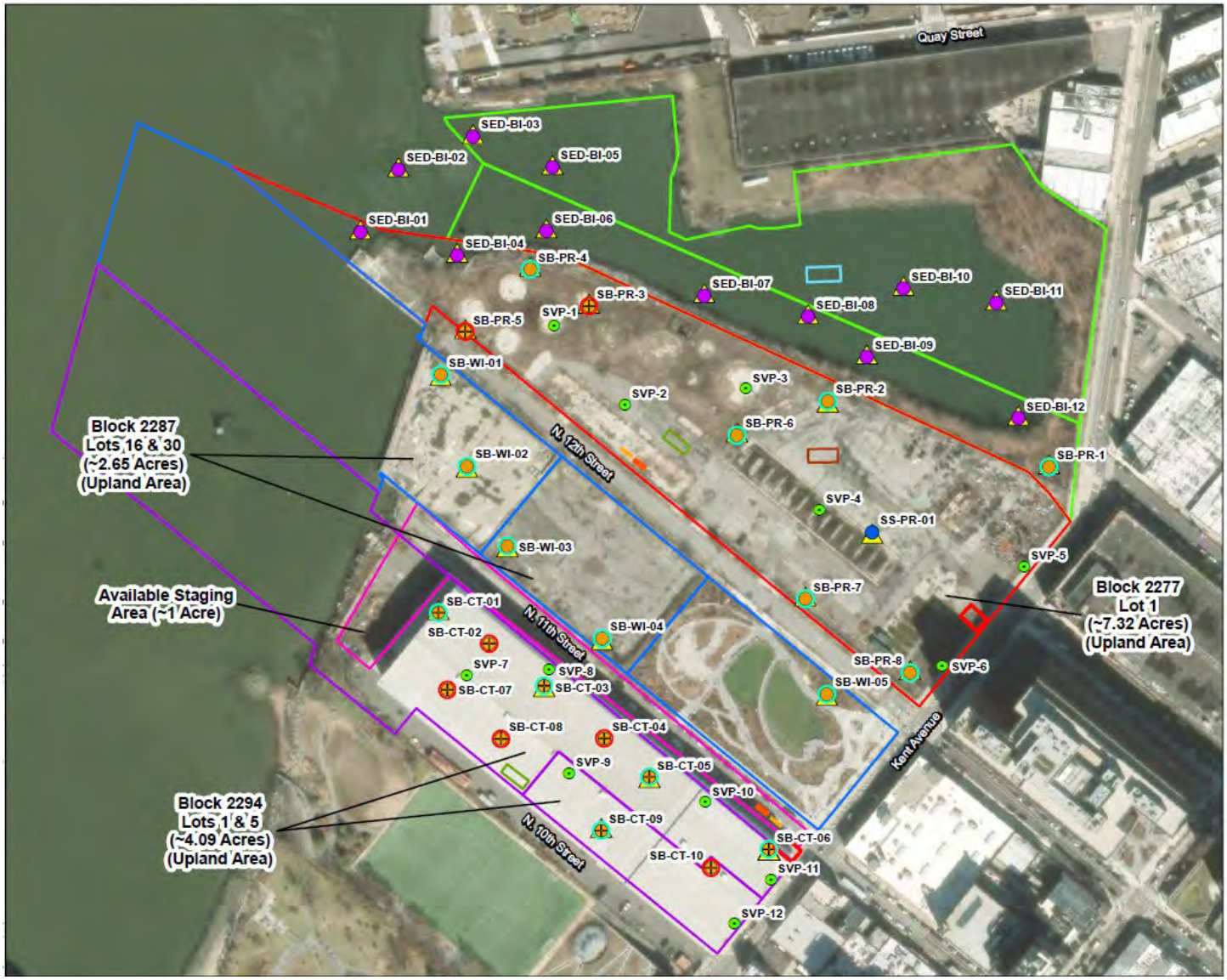
Comments

EA has started coordinating activating archived samples for analysis with Pace.

Site Inspector(s): Katelyn Cameron	**Date:** 10/1/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Oct 2, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, windy			
Temperature	64			
Wind	NE, 13 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Using a spotter

Summary of Work Performed	Arrived at site:	06:40	Departed Site:	18:00

Sediment Borings:

SED-BI-02 advanced to 60 ft bgs
- Sample taken at 0-0.5 ft bgs
- Sample taken at 12-14 ft bgs
- Sample taken at 18-18.5 ft bgs
- Sample taken at 20-22 ft bgs
- Sample taken at 55-57 ft bgs

SED-BI-01 advanced to 60 ft bgs
- Sample taken at 0-0.5 ft bgs
- Sample taken at 18-20 ft bgs
- Sample taken at 23-25 ft bgs
- Sample taken at 56-58 ft bgs

Sediment sampling has been completed.

Groundwater
- Sample taken at MW-210S
- Sample taken at MW-210I
- Sample taken at MW-209I
- Sample taken at MW-06

Personnel and Equipment

Individual	Company	Trade	Total Hours
K Smerud	EA		
A Faux	EA		
E Beardslee	EA		
L. Councell	EA		
K. Cameron	EA		
S Arnold	EA		

D Pacheco	AARCO		
J Correa	AARCO		
D Johnson	AARCO		
A Oliva	AARCO		

Equipment Description	Contractor/Vendor	Quantity	Used
Skid Steer	AARCO	1	
DPT rig	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



Groundwater sample at MW-210S



Installing bentonite at SVP-8



SVP installed at SVP-7



Sediment core (0-10 ft) at SED-BI-02





Sediment core (25-30 ft) at SED-BI-01	Sediment core (50-60 ft) at SED-BI-01
	
Barge set up	

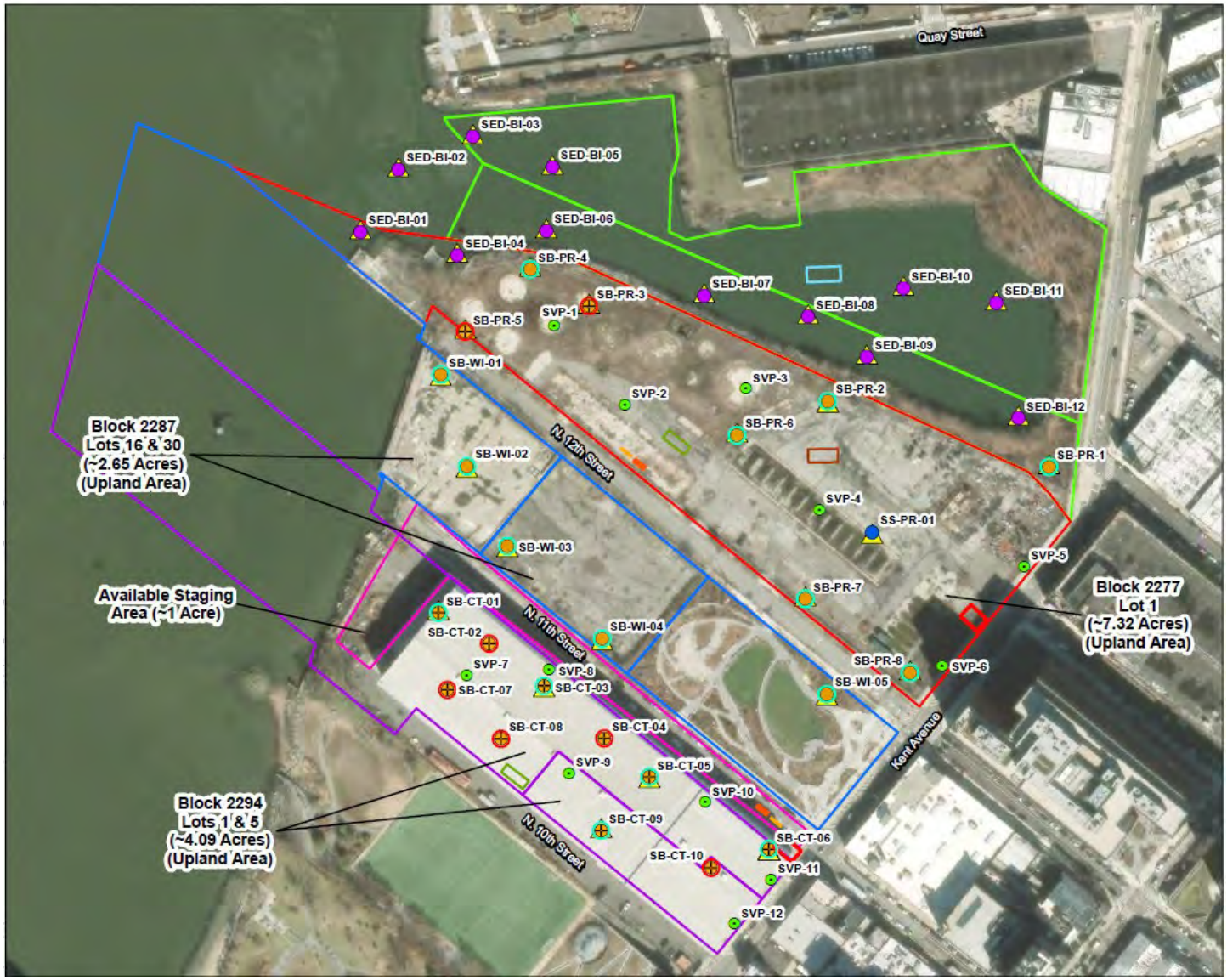
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave.

Site Inspector(s): Katelyn. Cameron	**Date**: 10/2/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-CT-01
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Oct 3, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Katelyn Cameron

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, moderately windy			
Temperature	64			
Wind	SW, 8 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Trip hazards

Summary of Work Performed	Arrived at site:	07:00	Departed Site:	18:00

Groundwater

Sample taken at MW-208S
Sample taken at MW-208I
Sample taken at MW-209S
Sample taken at WW-MW-18
Sample taken at B-33/MW-33 (NAPL)
Sample taken at B-28/MW-28
Sample taken at MW-208D
Sample taken at WW-MW-16
Sample taken at MW-CT-05
Sample taken at MW-2159
Sample taken at MW-CT-09

Soil Vapor

Sample taken at SVP-CT-12 (held for shipment)
Sample taken at SVP-CT-11 (help for shipment)
Sample taken at SVP-CT-10 (help for shipment)

Personnel and Equipment

Individual	Company	Trade	Total Hours
K Smerud	EA		
A Faux	EA		
K. Cameron	EA		
E Beardslee	EA		
S Arnold	EA		
L Councell	EA		
T Terlaga	AARCO		
A Oliva	AARCO		

Equipment Description	Contractor/Vendor	Quantity	Used
Skid Steer	AARCO	1	

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Location SVP-09 failed the shut-in leak test, therefore, sample was not collected.

Site Photographs (Descriptions Below)



SVP-2 surface completion



SVP-4 surface completion

	
Groundwater sampling at WW-MW-18	

Comments

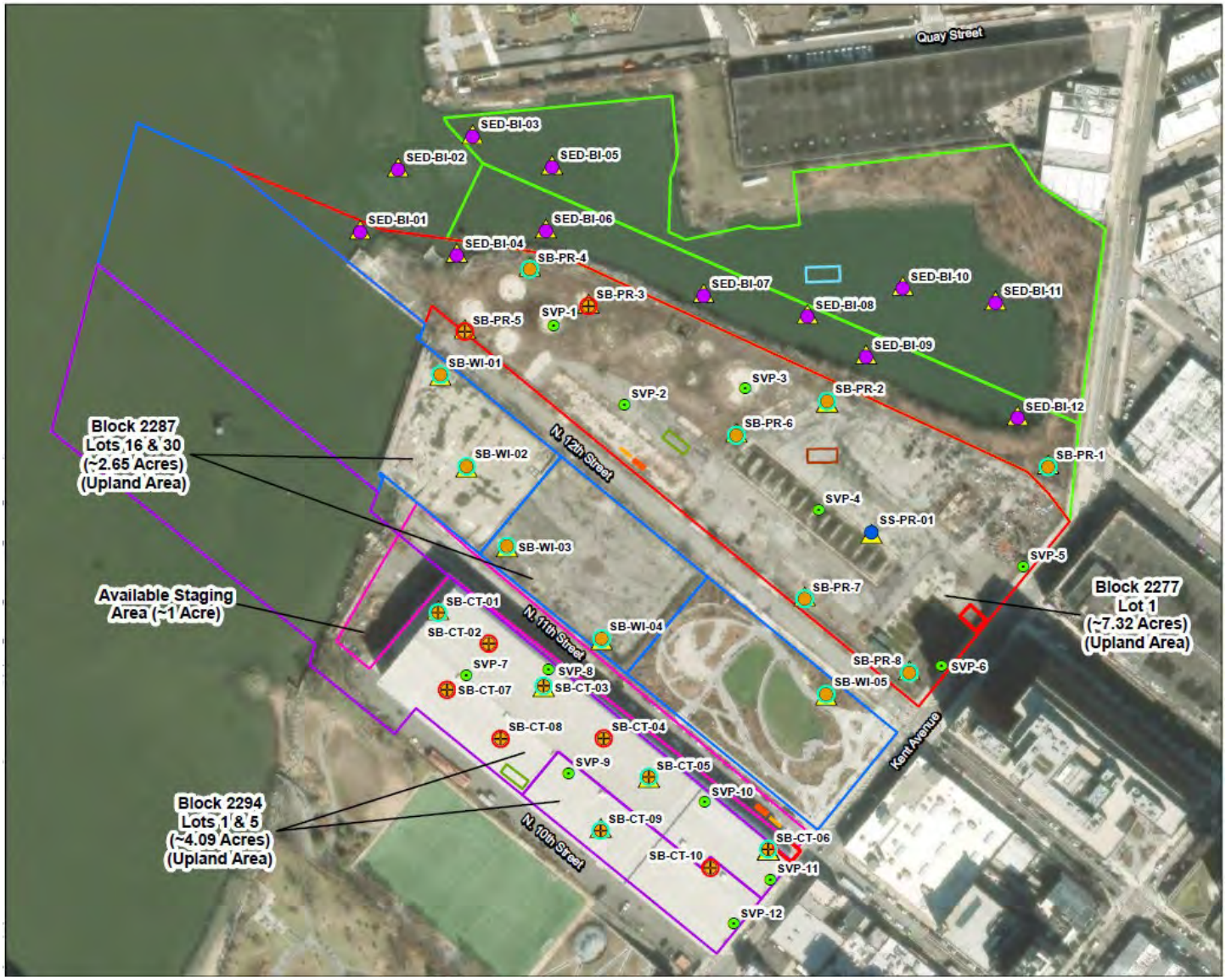
Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave.

Site Inspector(s): Katelyn Cameron	**Date:** 10/3/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐

Comments:


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
N. 12th Street
SB-WI-02
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
SB-PR-7
Available Staging
Area (~1 Acre)
SB-CT-01
N. 11th Street
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Oct 6, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Sean Arnold

Site Location: Brooklyn, New York

Weather Conditions				
General Description	Hot, little wind			
Temperature	70			
Wind	SW, 5 mph			

Health & Safety **If any box below is checked "Yes," provide explanation under "Health & Safety Comments."**			
Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Wear PPE and monitor breathing zone while sampling groundwater

Summary of Work Performed	Arrived at site:	06:30	Departed Site:	17:30

Groundwater

Sample taken at MW-CT-02
Sample taken at MW-CT-07
Sample taken at MW-CT-10
Sample taken at MW-CT-06
Sample taken at MW-207D
Sample taken at MW-207I
Sample taken at MW-207
Sample taken at MW-201I

Soil Vapor

Sample taken at SVP-CT-8
Sample taken at SVP-CT-7
Sample taken at SVP-CT-6
Sample taken at SVP-CT-5
Sample taken at SVP-CT-4
Sample taken at SVP-CT-3
Sample taken at SVP-CT-2
Sample taken at SVP-CT-1
(All samples help for shipment)

Personnel and Equipment

Individual	Company	Trade	Total Hours
K Smerud	EA		
S Arnold	EA		
E Beardslee	EA		

L Councell	EA		

Equipment Description	Contractor/Vendor	Quantity	Used

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



Groundwater sampling at MW-CT-02



Groundwater sampling at MW-CT-06

	
SVP sampling at SVP-10	

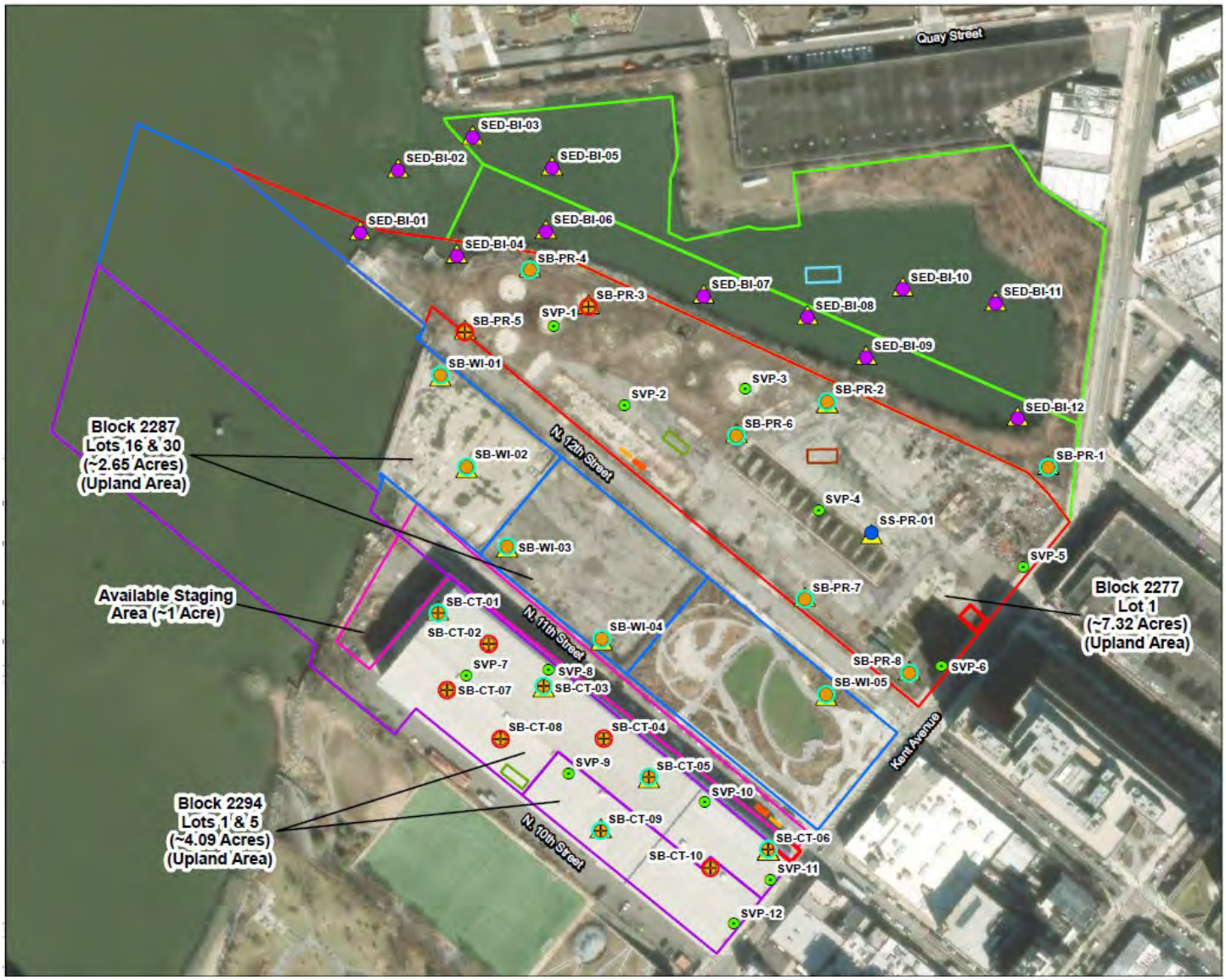
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave.

Site Inspector(s): Sean Arnold	**Date:** 10/6/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SED-BI-08
SB-PR-5
SVP-1
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
N. 12th Street
SB-WI-02
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
Available Staging
Area (~1 Acre)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Oct 7, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Sean Arnold

Site Location: Brooklyn, New York

Weather Conditions

General Description	Hot, moderately windy			
Temperature	71			
Wind	W, 10 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: GW Sampling

Summary of Work Performed	Arrived at site:	06:45	Departed Site:	18:10

Groundwater

Sample taken at WW-MW-203
Sample taken at WW-MW-203I
Sample taken at WW-MW-203D
Sample taken at WW-MW-202I
Sample taken at WW-MW-202D
Sample taken at WW-MW-202
Sample taken at WW-MW-205I
Sample taken at WW-MW-205D
Sample taken at WW-MW-201D
Sample taken at WW-MW-201S
Sample taken at WW-MW-200I
Sample taken at WW-MW-200S
Sample taken at WW-MW-200D
Sample taken at WW-MW-204D
Sample taken at WW-MW-204I
Sample taken at WW-MW-204
Sample taken at WW-MW-206S
Sample taken at WW-MW-206D

Personnel and Equipment

Individual	Company	Trade	Total Hours
Sean Arnold	EA		
Kevin Smerud	EA		
Luke Councell	EA		
Eric Beardslee	EA		

Equipment Description	Contractor/Vendor	Quantity	Used

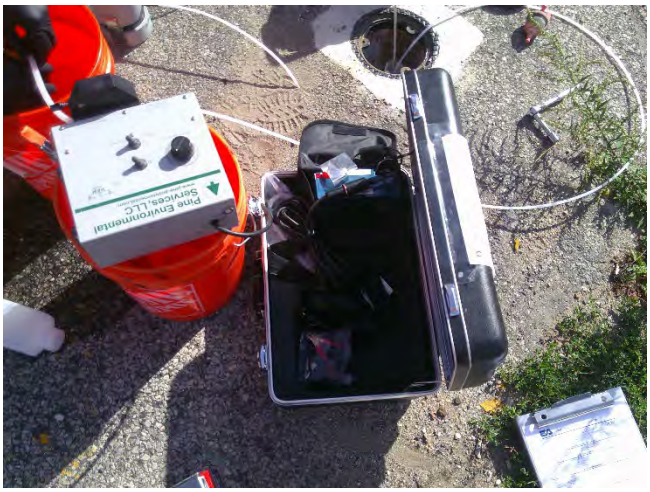
Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)



Groundwater sampling at WW-MW-202S



Groundwater sampling at WW-MW-202D

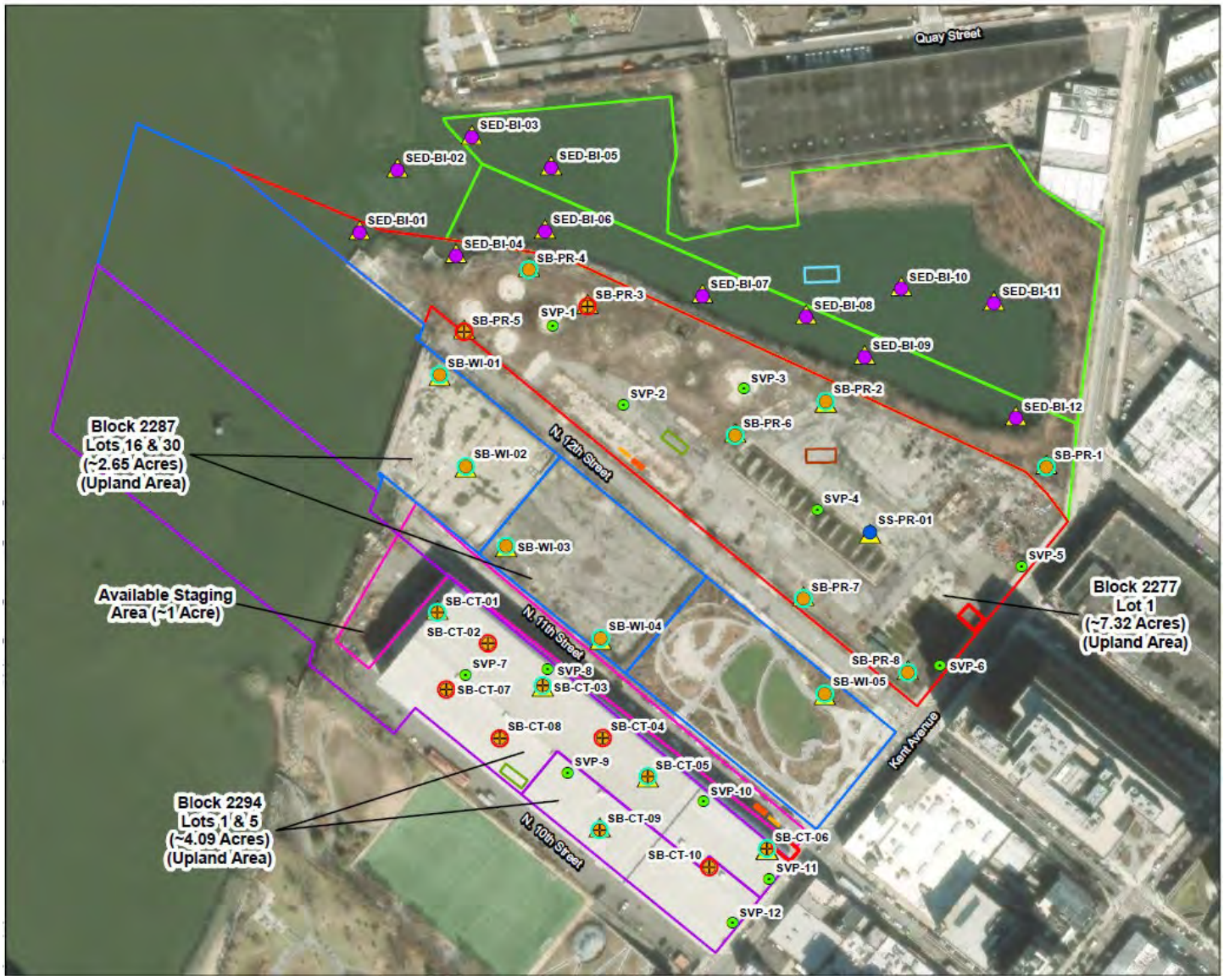
Comments

Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave.

Site Inspector(s): Sean Arnold	**Date:** 10/7/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
N. 12th Street
SB-WI-02
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
SB-CT-01
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

DAILY INSPECTION REPORT

Former Pratt Refinery & CitiStorage
NYSDEC Site #'s 224402 & 224341

Date: Oct 8, 2025

NYSDEC Division of Environmental Remediation	**EA Engineering and Geology, P.C.** 333 West Washington St Syracuse, New York 13202	**NYSDEC Site ID No. 224402, 224341** **DEC PM**: Richard Mustico **EA PM**: Kritika Thapa **EA Site Inspector(s)**: Sean Arnold

Site Location: Brooklyn, New York

Weather Conditions

General Description	Warm, rain			
Temperature	67			
Wind	W, 6 mph			

Health & Safety
If any box below is checked "Yes," provide explanation under "Health & Safety Comments."

Were there any changes to the Health & Safety Plan?	Yes ☐	No ☒	NA ☐
Were there any exceedances of the perimeter air monitoring reported on this date?	Yes ☐	No ☒	NA ☐

Health & Safety Comments

H&S Tailgate Meeting Topic: Slip hazards due to heavy rain

Summary of Work Performed	Arrived at site:	7:00	Departed Site:	18:00

Synoptic gauging event completed

Groundwater

Sample collected at MW-PR-03
Sample collected at MW-CT-11 (NAPL) for forensic analysis

IDW Sampling completed

Personnel and Equipment

Individual	Company	Trade	Total Hours
Sean Arnold	EA		
Kevin Smerud	EA		
Luke Councell	EA		
Eric Beardslee	EA		

Equipment Description	Contractor/Vendor	Quantity	Used

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
		Yes ☐	No ☐
		Yes ☐	No ☐
		Yes ☐	No ☐

Project Schedule Comments

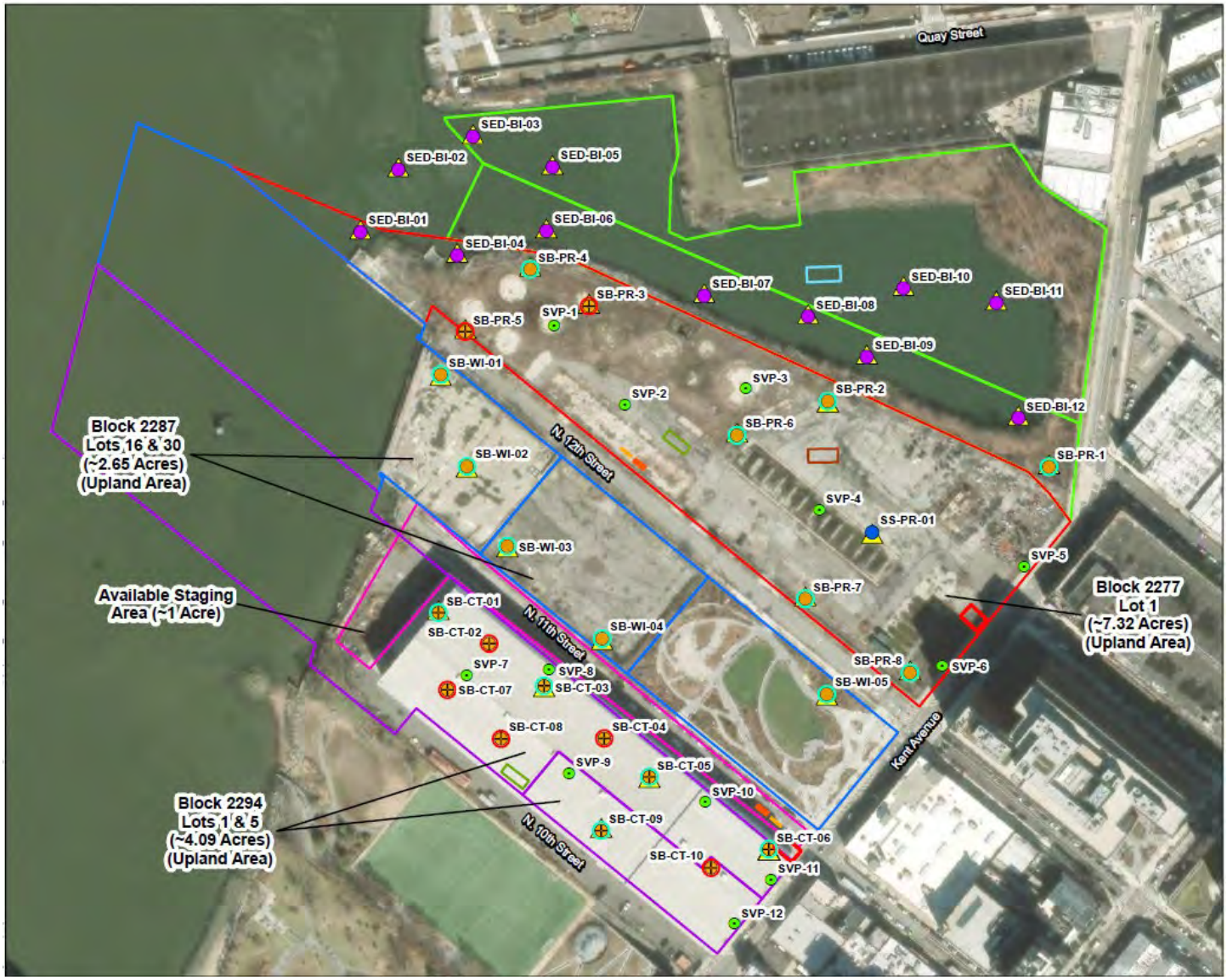
Issues Pending (*List any deviations from planned field work.*)

Site Photographs (Descriptions Below)	
	
Groundwater sampling at MW-PR-03	

Comments	
Several members of the public and homeless persons were noted onsite at various times. Whenever possible field staff will notify that this is a closed project site and are requested to leave.	
Site Inspector(s): Sean Arnold	**Date:** 10/8/2025

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☒	No ☐	N/A☐
Was a noise complaint received today and/or was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	Yes ☐	No ☒	N/A☐
Comments:			


Quay Street
SED-BI-03
SED-BI-02
SED-BI-05
SED-BI-01
SED-BI-06
SED-BI-04
SB-PR-4
SED-BI-07
SED-BI-10
SED-BI-11
SB-PR-3
SVP-1
SED-BI-08
SB-PR-5
SED-BI-09
SB-WI-01
SVP-3
SVP-2
SB-PR-2
SED-BI-12
SB-PR-6
Block 2287
Lots 16 & 30
(~2.65 Acres)
(Upland Area)
SB-WI-02
N. 12th Street
SB-PR-1
SVP-4
SS-PR-01
SB-WI-03
SVP-5
Available Staging
Area (~1 Acre)
SB-CT-01
SB-PR-7
Block 2277
Lot 1
(~7.32 Acres)
(Upland Area)
N. 11th Street
SB-CT-02
SB-WI-04
SB-PR-8
SVP-6
SVP-7
SVP-8
SB-WI-05
SB-CT-07
SB-CT-03
SB-CT-08
SB-CT-04
Kent Avenue
SVP-9
SB-CT-05
SVP-10
Block 2294
Lots 1 & 5
(~4.09 Acres)
(Upland Area)
SB-CT-09
N. 10th Street
SB-CT-06
SB-CT-10
SVP-11
SVP-12

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Appendix B
Field Equipment Calibration Forms

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FIELD CALIBRATION FORM

Site Name: Pratt City Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: 16171
OPERATOR: EA Field People	WEATHER: Partly Sunny - 60's
SPAN GAS TYPE: NA	DATE: 9-8-25
CALIBRATION NOTES: 2850 Cal. to air at 1041 a.m.	
COMMENTS: No issues	
SIGNATURE: [signature]	DATE: 9-8-25

FIELD CALIBRATION FORM

Site Name: Pratt Citistorage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: 4041/6
OPERATOR: EA Field People	WEATHER: Pt Cly Sunny - 60's
SPAN GAS TYPE: NA	DATE: 9-8-25
CALIBRATION NOTES: Zero Cal. w/ Filter at 1035 a.m.	
COMMENTS:	
No issues	
SIGNATURE: Ed Ashton	DATE: 9-8-25

FIELD CALIBRATION FORM

Site Name: Pratt / CitiStorage

INSTRUMENT: MiniRAE 3000 PID	INSTRUMENT ID No: 592-603638
OPERATOR: K. Smelnd	WEATHER: Sunny
SPAN GAS TYPE: 100PPM Isobutylene	DATE: 9/8/25 1020
CALIBRATION NOTES: Span Gas reading: 100.1 ppm	
Completed Zero Cal to air	
COMMENTS:	
SIGNATURE:	DATE: 9/8/25

FIELD CALIBRATION FORM

Site Name: Pratt / CitiStorage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: (Cal: R8846)
OPERATOR: K. Smeraud	WEATHER: Sunny
SPAN GAS TYPE: 100 ppm Isobutylene	DATE: 9/8/25 1020
CALIBRATION NOTES: Zero Cal Completed	
Span Gas Reading: 100.1	
COMMENTS:	
SIGNATURE: K Smeraud	DATE: 9/8/25

FIELD CALIBRATION FORM

Site Name: Path/Citi Storage

INSTRUMENT: MiniRAE 3000 PID	INSTRUMENT ID No: Lot: 222715 S/N: 592-603657
OPERATOR: K. Smead	WEATHER: Sunny
SPAN GAS TYPE: 100 ppm Isobutylene	DATE: 9/8/25 1035
CALIBRATION NOTES: Zero Cal completed	
Span Gas Reading: 100.2	
COMMENTS:	
SIGNATURE:	DATE: 9/8/25

FIELD CALIBRATION FORM

Site Name: Prall / Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 592-602252
OPERATOR: K. Smead	WEATHER: Sunny
SPAN GAS TYPE: 100 ppm Isobutylene	DATE: 9/8/25 1040
CALIBRATION NOTES: Zero Cal completed	
Span Gas Reading: 100.2	
COMMENTS:	
SIGNATURE: K. Smead	DATE: 9/8/25

FIELD CALIBRATION FORM

Site Name: Pratt / Critistorage

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 16171
OPERATOR: EA	WEATHER: Sunny
SPAN GAS TYPE: NA	DATE: 9/9/25
CALIBRATION NOTES:	
Zero calibration w/ filter	
COMMENTS:	
Zero calib: No issue	
SIGNATURE: [signature]	DATE: 9/9/25

downward

FIELD CALIBRATION FORM

Site Name: PRATT / CITI Storage

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416 upwind
OPERATOR: Field EA	WEATHER: Sunny
SPAN GAS TYPE: NA	DATE: 9/9/20
CALIBRATION NOTES:	
Zero calibration w/filter	
COMMENTS:	
Zero Cal: No issues	
SIGNATURE: [signature]	DATE: 9/9/20

FIELD CALIBRATION FORM

Site Name: PRATT

INSTRUMENT: PID (Mini Rae 3000)	INSTRUMENT ID No: R88946
OPERATOR: C. Yoder	WEATHER: Sunny
SPAN GAS TYPE: 100 ppm Isobutylene Compressed NG	DATE: 9/9/20
CALIBRATION NOTES:	
Zero Calibrate ✓	
Span calib 100.1 ppm	
COMMENTS:	
SIGNATURE: Chris Yoder	DATE: 9/9/20

FIELD CALIBRATION FORM

Site Name: PRATT

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: 222717
OPERATOR: C. Yans	WEATHER: Sunny
SPAN GAS TYPE: 100 ppm Isobutylene Comp. gas NIST	DATE: 9/9/25
CALIBRATION NOTES:	
Zero Calib - ✓	
span Calib - 101.3 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9/9/25

FIELD CALIBRATION FORM

Site Name: Pratt/ Citrus Tower

INSTRUMENT: PID (MiniRae 3000)	INSTRUMENT ID No: 222715
OPERATOR: CYoung	WEATHER: ~~Rain~~ Drizzle
SPAN GAS TYPE: Compressed 100ppm Isobutylene in N2	DATE: 9/10/25
CALIBRATION NOTES:	
~~Zero~~ calibration ✓	
span calibration 100.3 ppm	
COMMENTS:	
span calibration 100.3 ppm	
SIGNATURE: Chris Young	DATE: 9/10/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: PRATT

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: 801093
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: 100ppm Isobutylene Compressed Gas NOV	DATE: 9/9/25
CALIBRATION NOTES:	
Zero calibrate ✓	
Span calib 100.5 ppm	
COMMENTS:	
SIGNATURE: Chuck Young	DATE: 9/9/25

FIELD CALIBRATION FORM

Site Name: PRATT

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: 222715
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: 100ppm ~~Isobutylene~~ Compressed gas N.O.S.	DATE: 9/5/20
CALIBRATION NOTES:	
Zero calib ✓	
span calib 97.9 ppm	
COMMENTS:	
SIGNATURE: Chris Young	DATE: 9/5/20

FIELD CALIBRATION FORM

Site Name: Pratt / Citi's Grease

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: R 8846
OPERATOR: C. Young	WEATHER: Drizzle
SPAN GAS TYPE: Compressed gas (100 ppm isobutylene) NW	DATE: 9/10/25
CALIBRATION NOTES:	
Zero Calibration ✓	
Span Calibration 100.2 ppm	
COMMENTS:	
Span 100.2 ppm	
SIGNATURE: C. Young	DATE: 9/10/25

Recorded by C. Young

FIELD CALIBRATION FORM

Site Name: Pratt/Cihi storage

INSTRUMENT: PID (Mini Rae 3000	INSTRUMENT ID No: 222717
OPERATOR: C. Young	WEATHER: Drizzle
SPAN GAS TYPE: 100ppm Isobutylene Compressed gas NO	DATE: 9/10/25
CALIBRATION NOTES:	
zero calibration ✓	
span calibration = 100.1 ppm	
COMMENTS:	
span calib : 100.1 ppm	
SIGNATURE: Chris Young	DATE: 9/10/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt | Citi Storage

INSTRUMENT: PID (mini Rae 3000	INSTRUMENT ID No: 801093
OPERATOR: C. Young	WEATHER: Drizzle
SPAN GAS TYPE: 100ppm Isobutylene compressed gas NIST	DATE: 9/10/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration = 100.00 ppm	
COMMENTS:	
Span calibration 100.00 ppm	
SIGNATURE: Chris Young	DATE: 9/10/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt/Citistorage

INSTRUMENT: PID (MiniRae 3000)	INSTRUMENT ID No: FA04760
OPERATOR: C. Young	WEATHER: Drizzle
SPAN GAS TYPE: 100ppm Isobutylene Compressed Air NW	DATE: 9/10/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration = 100.3 ppm	
COMMENTS:	
span calibration 100.3 ppm	
SIGNATURE: Christine Young	DATE: 9/10/25

Recorded by: C Young

FIELD CALIBRATION FORM

Site Name: Pratt/Citistorage

INSTRUMENT: PID (Mini Rae 3000)	INSTRUMENT ID No: FA04955
OPERATOR: C. Young	WEATHER: Drizzle
SPAN GAS TYPE: 100ppm Isobutylene Compressed gas NOS	DATE: 9/10/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span Calibration = 100.00 ppm	
COMMENTS:	
Span calibration 100.0 ppm	
SIGNATURE: Chris Young	DATE: 9/10/25

Recorded by C. Young

FIELD CALIBRATION FORM

Site Name: Pratt - Citi Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: 16171
OPERATOR: EA field	WEATHER: Cldy, Misty 60's
SPAN GAS TYPE: N/A	DATE: 9-10-25
CALIBRATION NOTES: Zero Cal filter	
No issues.	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9-10-25

FIELD CALIBRATION FORM

Site Name: Pratt City storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: EA Field	WEATHER: Cldy, mist, 60's
SPAN GAS TYPE: N/A	DATE: 9-10-25
CALIBRATION NOTES: Zero filter on	
missed.	
COMMENTS:	
SIGNATURE: Ed Ashton	DATE: 9-10-25

FIELD CALIBRATION FORM

Site Name: Pratt - Citi Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: EA 00292
OPERATOR: EA Field	WEATHER: Cldy, Mist, 64°F
SPAN GAS TYPE: Air	DATE: 9-10-25
CALIBRATION NOTES: Zero filter cal. - No issues	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9-10-25

FIELD CALIBRATION FORM

Site Name: Pratt Cert storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: 4041/6
OPERATOR: EA Field	WEATHER: Cldy, Mist, 60°
SPAN GAS TYPE: Air.	DATE: 9-10-25
CALIBRATION NOTES: Zero After Cal	
No issues.	
COMMENTS:	
SIGNATURE: Earl Colston	DATE: 9-10-25

FIELD CALIBRATION FORM

Site Name: Former Pratt/Chris Horse

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: R8946
OPERATOR: C. Young	WEATHER: sunny
SPAN GAS TYPE: Compressed 100ppm Isobutylene NOS	DATE: 9/11/2025
CALIBRATION NOTES:	
Zero cal ✓	
Spn cal - 100.00 ppm	
COMMENTS:	
Spn cal - 100.00 ppm	
SIGNATURE: [signature]	DATE: 9/11/25

FIELD CALIBRATION FORM

Site Name: Former PRATT/citihorse

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: 222715
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: Comp Gas 100ppm Isobutylene NW	DATE: 9/11/25
CALIBRATION NOTES:	
Zero cal ✓	
Span cal - 98.3 ppm	
COMMENTS:	
Span cal. - 98.3ppm	
SIGNATURE: Chris Young	DATE: 9/11/25

FIELD CALIBRATION FORM

Site Name: Former Pratt/Cahistral

INSTRUMENT: PID (Mini Rae 3000)	INSTRUMENT ID No: 222717
OPERATOR: C. Yang	WEATHER: Sunny
SPAN GAS TYPE: Comp. gas 100 ppm Isobutylene N/A	DATE: 9/11/25
CALIBRATION NOTES:	
Zero cal. ✓	
Span cal. 101.2 ppm	
COMMENTS:	
Span cal - 101.2 ppm	
SIGNATURE: [signature]	DATE: 9/11/25

FIELD CALIBRATION FORM

Site Name: Pratt

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 4044
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 9/11/2025
CALIBRATION NOTES:	
Zero calibration ✓ w/ filter	
COMMENTS: No issue	
SIGNATURE:	DATE: 9/11/2025

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt

INSTRUMENT: Dust Trak II (16171)	INSTRUMENT ID No: 16171
OPERATOR: CYang	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 9/11/2020
CALIBRATION NOTES:	
Zero calibration w/ filter	
COMMENTS: NO ISSUES	
SIGNATURE:	DATE: 9/11/2020

Recorded by: Christian Yang

FIELD CALIBRATION FORM

Site Name: Pratt

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: LC	WEATHER: Sunny
SPAN GAS TYPE: AIR	DATE: 11SEP25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: OW	
SIGNATURE: [signature]	DATE: 11SEP25

FIELD CALIBRATION FORM

Site Name: Pratt

INSTRUMENT: Distrack 11	INSTRUMENT ID No: FA03202
OPERATOR: LC	WEATHER: Sunny
SPAN GAS TYPE: AN	DATE: 11SEP25
CALIBRATION NOTES:	
Zero	
COMMENTS: DW	
SIGNATURE:	DATE: 11SEP25

FIELD CALIBRATION FORM

Site Name: Pratt

INSTRUMENT: MiniRae 3000 PID	INSTRUMENT ID No: FA04955
OPERATOR: LC	WEATHER: Sunny
SPAN GAS TYPE: 100 ppm Iso butylene	DATE: 11SEP25
CALIBRATION NOTES:	
Zero ✓	
Span ✓	
COMMENTS: UW	
SIGNATURE: [signature]	DATE: 11SEP25

2

FIELD CALIBRATION FORM

Site Name: Pratt

INSTRUMENT: MiniRae 3000 PID	INSTRUMENT ID No: FA04760
OPERATOR: LC	WEATHER: Sunny
SPAN GAS TYPE: Isobutylene 103 ppm	DATE: 11 SEP 25
CALIBRATION NOTES:	
Zero ✓	
Span ✓	
COMMENTS: DV	
SIGNATURE: John Cancell	DATE: 11 SEP 25

FIELD CALIBRATION FORM

Site Name: Former Pratt/Citrusbridge

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: 222715
OPERATOR: CY	WEATHER: sunny
SPAN GAS TYPE: ~~Zero~~ 100 ppm CF3-butylene/ compressed gas N2	DATE: 9/12/25
CALIBRATION NOTES:	
Zero calibration to air ✓	
Span calibration - 112 ppm	
COMMENTS:	
Span Calibration - 112 ppm	
SIGNATURE: Christine Young	DATE: 9/12/25

Recorded by: Christine Young

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: R 8846
OPERATOR: CY	WEATHER: Sunny
SPAN GAS TYPE: Compressed gas 100ppm, Isobutylene NOI	DATE: 9/12/25
CALIBRATION NOTES:	
Zero calibration to air ✓	
span calibration - 99.9 ppm ✓	
COMMENTS:	
Span Calibration - 99.9 ppm	
SIGNATURE: Chris Yang	DATE: 9/12/25

FIELD CALIBRATION FORM

Site Name: Former Pratt/Citrus Forge

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: 222717
OPERATOR: CY	WEATHER: Sunny
SPAN GAS TYPE: 100 ppm Isobutylene Compressed gas NPI	DATE: 9/12/20
CALIBRATION NOTES:	
Zero calibrate to air ✓	
Span calibration - 90.8 ppm	
COMMENTS:	
Span Calibration - 90.8	
SIGNATURE: Chris Young	DATE: 9/12/20

Recorded by C. Young

FIELD CALIBRATION FORM

Site Name: Former Pratt / Calumet

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416
OPERATOR: CY	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 9/12/2020
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: upwind	
SIGNATURE:	DATE: 9/12/2020

Recorded by C. Young

FIELD CALIBRATION FORM

Site Name: Former Pratt / Chrisbrooke

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 16171
OPERATOR: CY	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 9/12/2025
CALIBRATION NOTES:	
Zero calibration w/ Filter ✓	
COMMENTS: Downwind	
SIGNATURE:	DATE: 9/12/2025

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cold Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 12 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: upwind	
SIGNATURE: Luke Councell	DATE: 12 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cat Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 12 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: John Councell	DATE: 12 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coti Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04955
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 12 SEP 25
CALIBRATION NOTES:	
Zero ✓	
Span 100.1	
COMMENTS: upwind	
SIGNATURE: Luke Councell	DATE: 12 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cato Storage

INSTRUMENT: miniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: L. Councell	WEATHER: Sonny
SPAN GAS TYPE: Air / Isobutylene	DATE: 12 SEP 25
CALIBRATION NOTES:	
Zero ✓	
Span 100.1	
COMMENTS: Downwind	
SIGNATURE:	DATE: 12 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coti Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 12 SEP 25
CALIBRATION NOTES:	
Zero ✓	
Span 100.0	
COMMENTS: Core Test	
SIGNATURE:	DATE: 12 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt / Chisholm Creek

INSTRUMENT: ~~[illegible] Rez 3500~~ Dust Trak II	INSTRUMENT ID No: 16177
OPERATOR: CY	WEATHER: Overcast
SPAN GAS TYPE: Air	DATE: 9/15/2020
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: Downwind, No Issues	
SIGNATURE:	DATE: 9/15/2020

Recorded: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt/Chinook

INSTRUMENT: PID	INSTRUMENT ID No: 222715
OPERATOR: CY	WEATHER: cloudy
SPAN GAS TYPE: Compressed gas NOS	DATE: 9/15/2015
CALIBRATION NOTES:	
Zero calibration to air	
Span calibration - 96.8 ppm	
COMMENTS:	
Span calibration - 96.8 ppm	
SIGNATURE:	DATE: 9/15/15

Record by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt / Chistorage

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416
OPERATOR: CY	WEATHER: Overcast
SPAN GAS TYPE: Air	DATE: 9/15/2020
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: Upwind	
SIGNATURE:	DATE: 9/15/2020

Recorded by: C Young

FIELD CALIBRATION FORM

Site Name: Pratt / Citi Storage

INSTRUMENT: PID MiniRae 3000	INSTRUMENT ID No: R8846
OPERATOR: CY	WEATHER: ~~Cloudy~~ Cloudy
SPAN GAS TYPE: Compressed 100ppm Isobutylene gas N2	DATE: 9/15/25
CALIBRATION NOTES:	
Zero calibration to air ✓	
Span calibration - 100.0 ppm	
COMMENTS:	
Span calibration - 100.0 ppm	
SIGNATURE:	DATE: 9/15/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt / Citi storage

INSTRUMENT: PID MiniRae 3000	INSTRUMENT ID No: 222717
OPERATOR: CY	WEATHER: Cloudy
SPAN GAS TYPE: Comprised gas 100ppm Isobutylene NO2	DATE: 9/15/2025
CALIBRATION NOTES:	
Zero calibration to air	
Span calibration - 100.1 ppm	
COMMENTS:	
Span calibration - 100.1 ppm	
SIGNATURE:	DATE: 9/15/25

Recorded by: C Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Overcast
SPAN GAS TYPE: Air/ Isobutylene	DATE: 15 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Cone Test	
SIGNATURE: [signature]	DATE: 15 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coto Storage

INSTRUMENT: miniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: L. Councell	WEATHER: overcast
SPAN GAS TYPE: Air / Isobutylene	DATE: 15 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: Downwind	
SIGNATURE: L. Councell	DATE: 15 SEP 25

FIELD CALIBRATION FORM

Site Name: Platt Refinery & Coke Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: L. Councell	WEATHER: Overcast
SPAN GAS TYPE: Air	DATE: 15 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: L Councell	DATE: 15 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coti Storage

INSTRUMENT: miniRAE 3000	INSTRUMENT ID No: FA04955
OPERATOR: L. Councell	WEATHER: overcast
SPAN GAS TYPE: Air / Isobutylene	DATE: 15 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.2	
COMMENTS: upwind	
SIGNATURE: L. Councell	DATE: 15 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cotton Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: L. Councell	WEATHER: overcast
SPAN GAS TYPE: Air	DATE: 15 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: upwind	
SIGNATURE: L. Councell	DATE: 15 SEP 25

FIELD CALIBRATION FORM
~~Horiba U-52~~ KQ
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/15/2025
TIME: 10:11
METER ID: U-5000 / 74R4BX0Y

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING

COMMENTS

Calibrated by Pine Environmental prior to first use

SIGNATURE

FIELD CALIBRATION FORM

Site Name: Pratt/Citistorage

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 16171
OPERATOR: CY	WEATHER: Cloudy
SPAN GAS TYPE: Air	DATE: 9/16/2025
CALIBRATION NOTES:	
Zero calibration w/filter ✓	
COMMENTS: Downwind, NO ISSUES	
DID not use Dust Trak today. No drilling performed	
SIGNATURE:	DATE: 9/16/2025

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt/Chrysotorese

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416
OPERATOR: CY	WEATHER: Cloudy
SPAN GAS TYPE: Air	DATE: 9/16/2025
CALIBRATION NOTES:	
Zero calibration w/filter	
COMMENTS: Upwind, no issues	
Did not use dust trak today. No drilling performed	
SIGNATURE:	DATE: 9/16/2025

Recorded by C. Young

FIELD CALIBRATION FORM

Site Name: PRATT / Citi Storage

INSTRUMENT: PID (mini Rae 3000)	INSTRUMENT ID No: R8846
OPERATOR: C. Young	WEATHER: Cloudy
SPAN GAS TYPE: Comp. Gas 100ppm Isobutylene N2	DATE: 9/16/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span Calibration 100.2 ppm	
COMMENTS:	
SIGNATURE: Chuck Chy	DATE: 9/16/2025

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Cloudy
SPAN GAS TYPE: Air/ Isobutylene	DATE: 16 SEP 25
CALIBRATION NOTES:	
Zero ✓	
Span 100.1	
COMMENTS: Core Test	
SIGNATURE: Charles Glass	DATE: 16 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cotton Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04955
OPERATOR: L. Councell	WEATHER: Cloudy
SPAN GAS TYPE: Air / Isobutylene	DATE: 16 SEP 25
CALIBRATION NOTES:	
Zero ✓	
Span 100.1	
COMMENTS: upwind	
SIGNATURE: Christ Chy	DATE: 16 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coto Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: L. Cornett/E. ~~Dorado~~	WEATHER: Cloudy
SPAN GAS TYPE: Air / Isobutylene	DATE: 16 SEP 25
CALIBRATION NOTES:	
Zero ✓	
Span 100.1	
COMMENTS: Downwind	
SIGNATURE: [signature]	DATE: 16 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cotto Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 16 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: L. Councell	DATE: 16 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cottonstorage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 16 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: upwind	
SIGNATURE: John Councell	DATE: 16 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt/Citistorage

INSTRUMENT: PID mini Rae 3000	INSTRUMENT ID No: R8846
OPERATOR: C. Young	WEATHER: Rain later
SPAN GAS TYPE: Compressed Gas 100ppm Isobutylene NOV	DATE: 9/17/25
CALIBRATION NOTES:	
Zero Calibration ✓	
Span Calibration 100.2 ppm	
COMMENTS:	
Span calib = 100.2 ppm.	
SIGNATURE:	DATE: 9/17/25

Record by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coti Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04955
OPERATOR: L. Councell	WEATHER: Sunny/windy
SPAN GAS TYPE: Air / Isobutylene	DATE: 17 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: upwind	
SIGNATURE: L. Councell	DATE: 17 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny/windy
SPAN GAS TYPE: Air/Isobutylene	DATE: 17 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: ~~Core Test~~ downloaded. unit # 801093	
screen malfunctioning, very faint display.	
switched w/ downloaded monitor.	
SIGNATURE:	DATE: 17 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cold Storage

INSTRUMENT: miniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: L. Cancell	WEATHER: Sunny/windy
SPAN GAS TYPE: Air / Isobutylene	DATE: 17 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: ~~Downwind~~ camp test	
SIGNATURE: L. Cancell	DATE: 17 SEP 25

FIELD CALIBRATION FORM

Site Name: Platt Refinery & Coke Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: L. Councell	WEATHER: Sunny/windy
SPAN GAS TYPE: Air	DATE: 17 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: L. Councell	DATE: 17 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Oil Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: L. Councell	WEATHER: Sunny/windy
SPAN GAS TYPE: Air	DATE: 17 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: upwind	
SIGNATURE: L. Councell	DATE: 17 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt / Chivedoreza

INSTRUMENT: PID MiniRae 3000	INSTRUMENT ID No: 222715
OPERATOR: ~~Ba~~ Pr ~~ett~~ CY / ~~S~~	WEATHER: Sunny
SPAN GAS TYPE: Compressed gas 100ppm Isobutylene	DATE: 9/18/2020
CALIBRATION NOTES:	
24hr Calibration ✓	
span Calibration - 100.0 ppm	
COMMENTS: Upwind	
SIGNATURE:	DATE: 9/18/2020

Recorded by C. Young

FIELD CALIBRATION FORM

Site Name: Pratt / Cathedral

INSTRUMENT: PID mini Rae 3000	INSTRUMENT ID No: R88946
OPERATOR: CY	WEATHER: Sunny
SPAN GAS TYPE: Compressed gas 100ppm Isobutylene N2	DATE: 9/10/2025
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration 109 ppm	
COMMENTS: Field	
SIGNATURE:	DATE: 9/10/2025

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt/Chistoraga

INSTRUMENT: PID MiniRae 3000	INSTRUMENT ID No: 222717
OPERATOR: C.Y	WEATHER: Sunny
SPAN GAS TYPE: 100ppm Isobutylene Compressed gas N2	DATE: 9/18/2020
CALIBRATION NOTES:	
Zero calibration ✓	
span calibration - 98.2 ppm	
COMMENTS: Downwind	
SIGNATURE:	DATE: 9/18/2020

Recorded by: C.Young

FIELD CALIBRATION FORM

Site Name: Pratt / Cihisdorege

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 16171
OPERATOR: CY	WEATHER: Sunny
SPAN GAS TYPE: ~~NA~~ Air	DATE: 9/18/2025
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: Downwind, no issues	
SIGNATURE:	DATE: 9/18/2025

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt/Cahuenga

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416
OPERATOR: CY	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 9/18/2020
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: Upwind, no issues	
SIGNATURE:	DATE: 9/18/2020

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 18 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: ~~Gone Test~~ Downwind	
SIGNATURE: L. Councell	DATE: 18 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coto Storage

INSTRUMENT: miniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 18 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: ~~Downwind~~ Core test	
SIGNATURE: L. Councell	DATE: 18 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cotostorage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 18 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: L. C.	DATE: 18 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cotton Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04955
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 18 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: upwind	
SIGNATURE: L. Councell	DATE: 18 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Oil Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 18 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: upwind	
SIGNATURE: L. Councell	DATE: 18 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L Councell	WEATHER: Sunny
SPAN GAS TYPE: Air/ Isobutylene	DATE: 19 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: Core Test	
SIGNATURE:	DATE: 19 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coto Storage

INSTRUMENT: miniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 19 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Downwind	
SIGNATURE:	DATE: 19 SEP 25

FIELD CALIBRATION FORM

Site Name: Platt Refinery & Coke Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 19 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: L. Councell	DATE: 19 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coti Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04955
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 19 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: upwind	
SIGNATURE: L. Councell	DATE: 19 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Crude Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air	DATE: 19 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: upwind	
SIGNATURE: [signature]	DATE: 19 SEP 25

FIELD CALIBRATION FORM

Site Name: City Forge

INSTRUMENT: PID mini Rae 3000	INSTRUMENT ID No: R78446
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: Compressed gas 100ppm Isobutylene NIST	DATE: 9/19/25
CALIBRATION NOTES:	
Zero cal - ✓	
Span cal - 100.2 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/19/25

Recorded by: C Young

FIELD CALIBRATION FORM

Site Name: Citi storage

INSTRUMENT: PID mini Rae 3000	INSTRUMENT ID No: 222717
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: Compressed 100% Isobutylene gas NIST	DATE: 9/19/25
CALIBRATION NOTES:	
Zero cal - ✓	
Span cal - 100.5 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/19/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Former Pratt/Chistorese

INSTRUMENT: DustTrak-II	INSTRUMENT ID No: 16171
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: NONE	DATE: 9/19/2025
CALIBRATION NOTES:	
Zero Calibration w/ filter	
COMMENTS: No issue, Downwind	
SIGNATURE:	DATE: 9/19/2025

Record by: C. Young

FIELD CALIBRATION FORM

Site Name: Former Paddle Restaurant

INSTRUMENT: Dust Trak II (#40416)	INSTRUMENT ID No: 40416
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: NONE	DATE: 9/19/2020
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: No issues, upwind	
SIGNATURE:	DATE: 9/19/2020

Recorded by: C Young

FIELD CALIBRATION FORM

Site Name: Citi storage

INSTRUMENT: PID Mini Rae 3000	INSTRUMENT ID No: 222715
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: Compressed 100ppm Isobutylene in NOS	DATE: 9/19/25
CALIBRATION NOTES:	
Zero cal - ✓	
Span cal - 100.1 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/19/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Oil Storage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA00292
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air	DATE: 22 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: upwind	
SIGNATURE: [signature]	DATE: 22 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Cato Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04955
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air / Isobutylene	DATE: 22 SEP 25
CALIBRATION NOTES:	
Zero ~~1002~~ 0.0	
Span 100.2	
COMMENTS: upwind	
SIGNATURE: [signature]	DATE: 22 SEP 25

FIELD CALIBRATION FORM

Site Name: Platt Refinery & Cotostorage

INSTRUMENT: DustTrak II	INSTRUMENT ID No: FA03202
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air	DATE: 22 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: [signature]	DATE: 22 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coto Storage

INSTRUMENT: miniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air / Isobutylene	DATE: 22SEP25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Downwind	
SIGNATURE: [signature]	DATE: 22 SEP 25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air/ Isobutylene	DATE: 22 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: Core Test	
SIGNATURE: [signature]	DATE: 22 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Citi storage

INSTRUMENT: PID (MiniRae 3000)	INSTRUMENT ID No: 222715
OPERATOR: CY	WEATHER: overcast
SPAN GAS TYPE: 100ppm Isobutylen	DATE: 9/23/25
CALIBRATION NOTES:	
zero calibration ✓	
span calibration - 100.1 ppm	
COMMENTS: upwind	
SIGNATURE:	DATE: 9/23/20

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Chisholm

INSTRUMENT: PID (Mini Rae 3000)	INSTRUMENT ID No: R8846
OPERATOR: CY	WEATHER: ovc cool
SPAN GAS TYPE: 100ppm Isobutylene	DATE: 9/23/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration 100.1 ppm	
COMMENTS: Field	
SIGNATURE:	DATE: 9/23/25

Record by C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coti Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 23 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Core Test	
SIGNATURE:	DATE: 23 SEP 25

5 - field PID

FIELD CALIBRATION FORM

Site Name: Chisholm Trail

INSTRUMENT: PID MiniRae 3000	INSTRUMENT ID No: 222717
OPERATOR: CY	WEATHER: Overcast
SPAN GAS TYPE: 100ppm	DATE: 9/23/15
CALIBRATION NOTES:	
Zero calibration	
Span calibration 100.2ppm	
COMMENTS: Downwind	
SIGNATURE:	DATE: 9/23/2015

Recorded by C Young

FIELD CALIBRATION FORM

Site Name: Citistorage

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 6171
OPERATOR: CY	WEATHER: overcast
SPAN GAS TYPE: Air	DATE: 9/23/2020
CALIBRATION NOTES:	
Zero calibration w/ filter	
COMMENTS: no issues, Downwind	
SIGNATURE:	DATE: 9/23/25

Record by C. Young

FIELD CALIBRATION FORM

Site Name: Chi's Anchorage 40416

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416
OPERATOR: CY	WEATHER: Overcast
SPAN GAS TYPE: Air	DATE: 9/23/2025
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: No issues, upwind	
SIGNATURE:	DATE: 9/23/25

Recorded by: CTrump

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 4041 6
OPERATOR: CY	WEATHER:
SPAN GAS TYPE: Air	DATE: 9/24/2025
CALIBRATION NOTES:	
zero calibration w/ filter	
COMMENTS: upwind, no issues	
SIGNATURE:	DATE: 9/24/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 16171
OPERATOR: CT	WEATHER:
SPAN GAS TYPE: Air	DATE: 9/24/25
CALIBRATION NOTES:	
Zero calibration w/ air Clth	
COMMENTS: Downwind, no issues	
SIGNATURE:	DATE: 9/24/25

Recorded by C. Young

FIELD CALIBRATION FORM

Site Name: Chistoriese

INSTRUMENT: PID (Mini Rae 3000)	INSTRUMENT ID No: 222717
OPERATOR: CY	WEATHER:
SPAN GAS TYPE: Isobutylene	DATE: 9/24/2020
CALIBRATION NOTES:	
Zero Calibration ✓	
Span calibration = 100.2 ppm	
COMMENTS: UP wind	
SIGNATURE:	DATE: 9/24/2020

Recordal by C. Young

FIELD CALIBRATION FORM

Site Name: Citrus Grove

INSTRUMENT: PID	INSTRUMENT ID No: R8846
OPERATOR: CY	WEATHER:
SPAN GAS TYPE: Isobutylene	DATE: 9/24/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration 102.2 ppm	
COMMENTS: Field	
SIGNATURE:	DATE: 9/24/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Coti Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air / Isobutylene	DATE: 24 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: Core Test	
SIGNATURE: [signature]	DATE: 24 SEP 25

5 - field PID

FIELD CALIBRATION FORM

Site Name: Chisholm

INSTRUMENT: PID	INSTRUMENT ID No: 222715
OPERATOR: CY	WEATHER:
SPAN GAS TYPE: Isobutylene	DATE: 9/24/25
CALIBRATION NOTES:	
Zero Calibration ✓	
Span Calibration - 100.1 ppm	
COMMENTS: Downwind	
SIGNATURE:	DATE: 9/24/25

Recordd by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air / Isobutylene	DATE: 25 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Core Test	
SIGNATURE: L. Councell	DATE: 25 SEP 25

5 - field PID

FIELD CALIBRATION FORM

Site Name: Citi storage

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 16117
OPERATOR: CT	WEATHER: Rainy
SPAN GAS TYPE: Air	DATE: 9/25/25
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: no issues Downwind	
SIGNATURE:	DATE: 9/25/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Citistorage

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416
OPERATOR: CY	WEATHER: Rainy
SPAN GAS TYPE: Air	DATE: 9/20/23
CALIBRATION NOTES:	
Zero calibration w/ filter ✓	
COMMENTS: no issue, upwind	
SIGNATURE:	DATE: 9/20/23

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Citi storage

INSTRUMENT: PID (Mini Rae 3000)	INSTRUMENT ID No: 222715
OPERATOR: CY	WEATHER: Rainy
SPAN GAS TYPE: Isobutylene	DATE: 9/25/25
CALIBRATION NOTES:	
Zero calibration — ✓	
span calibration 10.3 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/25/20

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Citi storage

INSTRUMENT: PID (Mini Rae 3000)	INSTRUMENT ID No: R8846
OPERATOR: CT	WEATHER: Rainy
SPAN GAS TYPE: Isobutylene	DATE: 9/24/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration 100.1 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/25/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: PID	INSTRUMENT ID No: 222717
OPERATOR: CY	WEATHER: Rainy
SPAN GAS TYPE: Isobutylene	DATE: 9/25/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration - 102.9 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/25/25

Recorded by: C. Young

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air/ Isobutylene	DATE: 26 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: Core Test	
SIGNATURE: [signature]	DATE: 26 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: DustTrax II	INSTRUMENT ID No: 40416
OPERATOR: L Councell	WEATHER: Sunny
SPAN GAS TYPE: Arr	DATE: 26 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Upwind	
SIGNATURE: L h Councell	DATE: 26 SEP 25

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 222217
OPERATOR: L. Council	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 26 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: opened	
SIGNATURE: [signature]	DATE: 26 SEP 25

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: DustTrax II	INSTRUMENT ID No: 16171
OPERATOR: L. Concell	WEATHER: Sunny
SPAN GAS TYPE: air	DATE: 26 SEP 25
CALIBRATION NOTES:	
Zero ✓	
COMMENTS: Downwind	
SIGNATURE: L. Concell	DATE: 26 SEP 25

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: R8846
OPERATOR: L. Connelly	WEATHER: Sunny
SPAN GAS TYPE: 4M/ Isobutylene	DATE: 26 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: Downwind	
SIGNATURE: [signature]	DATE: 26 SEP 25

FIELD CALIBRATION FORM

B I 12

Site Name: Buschwick Inlet

INSTRUMENT: PID (MiniRae 3000)	INSTRUMENT ID No: 222715
OPERATOR: C. Young	WEATHER: Sunny
SPAN GAS TYPE: ~~1,3-Butylene~~ Isobutylene	DATE: 9/26/25
CALIBRATION NOTES:	
Zero calibration ✓	
Span calibration 100.1 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/26/25

Recorded by: C. Young

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/27/25
TIME: 1045
METER ID: X2--LW5

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.01	3.38	4.02

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.97	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	0.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/27/25
TIME: 1045
METER ID: 74RY BXOY

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.01	3.93	4.00

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.44	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	0.7	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: Minirae 2000	INSTRUMENT ID No: PGM7320
OPERATOR: K. Cameron	WEATHER: Hot
SPAN GAS TYPE: 100 Isobutylene	DATE:
CALIBRATION NOTES: Zero Arr - Pass	
Span Cal - Pass	
COMMENTS: Lot # 242715	
SIGNATURE:	DATE:

FIELD CALIBRATION FORM

Site Name: Path / Cib Storage

INSTRUMENT: Dust Trak	INSTRUMENT ID No: 40416
OPERATOR: A. Fox	WEATHER: 64° F cloudy
SPAN GAS TYPE: Zero	DATE: 9/24/25
CALIBRATION NOTES: 0 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9/24/25

FIELD CALIBRATION FORM

Site Name: Pratt / City Storage

INSTRUMENT: Mini RAE 3000	INSTRUMENT ID No: 213985
OPERATOR: A. Farro	WEATHER: 64° F overcast
SPAN GAS TYPE: Isobutylene	DATE: 9/29/25
CALIBRATION NOTES: 100.2 ppm	
COMMENTS:	
SIGNATURE:	DATE: 9/29/25

FIELD CALIBRATION FORM

Site Name: Pratt / City Storage

INSTRUMENT: Dust Trak	INSTRUMENT ID No: 6171
OPERATOR: A. Faur	WEATHER: 64° F cloudy
SPAN GAS TYPE: Zero	DATE: 9/29/25
CALIBRATION NOTES: 0 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9/29/25

FIELD CALIBRATION FORM

Site Name: PRTH / Cold storage

INSTRUMENT: MiniRae 3000	INSTRUMENT ID No: 40520
OPERATOR: A. Faux	WEATHER: 64° F overcast
SPAN GAS TYPE: Isobutylene	DATE: 9/29/25
CALIBRATION NOTES: 100.3 ppm	
COMMENTS:	
SIGNATURE: Alma Faux	DATE: 9/29/25

FIELD CALIBRATION FORM

Site Name: Pratt / Cob storage

INSTRUMENT: Mini RAE 3000	INSTRUMENT ID No: 222717
OPERATOR: A. Fox	WEATHER: 64°F overcast
SPAN GAS TYPE: Isobutylene	DATE: 9/24/25
CALIBRATION NOTES: 100.1 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9/24/25

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: Honeywell MiniRAE 3000	INSTRUMENT ID No: R8846
OPERATOR: S. Arnold, E. Beardslee	WEATHER: 64°F, cloudy
SPAN GAS TYPE: Isobutylene	DATE: 9/29/25
CALIBRATION NOTES:	
zero air = 0.0ppm	
Span air = 100.1	
COMMENTS:	
SIGNATURE:	DATE: 9/29/25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 29 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.0	
COMMENTS: Cone Test	
SIGNATURE:	DATE: 29 SEP 25

5 - Field PID

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/29/25
TIME: 858
METER ID: 21158

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	3.26	3.96

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	5.09 mS/cm	4.48 mS/cm

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0 NTU	0.0 NTU

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/29/2025
TIME: 0755
METER ID: X2 -- LWS

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0 ph	3.89	4.00

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	4.55	4.53

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0 NTU	0.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name: Citi / Pratt

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 222717
OPERATOR: KS	WEATHER: 68°F Clear
SPAN GAS TYPE: Isobutylene	DATE: 9/30/25
CALIBRATION NOTES: 100.1 ppm	
Zero calibration performed	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9/30/25

FIELD CALIBRATION FORM

Site Name: Citi/Pratt

INSTRUMENT: MiniRae 3000	INSTRUMENT ID No: 222715
OPERATOR: KS	WEATHER: 68°F Clear
SPAN GAS TYPE: Isobutylene 100 ppm	DATE: 9/30/25
CALIBRATION NOTES: 100.2 ppm Zero calibration performed	
COMMENTS:	
SIGNATURE:	DATE: 9/30/25

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/30/25
TIME: 6:58
METER ID: X2--LW5

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.70	3.94

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.89	4.52

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	29	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/30/25
TIME: 706
METER ID: 21158

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	8.11	4.0

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	5.09 mS/cm	4.47mS/cm

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0 NTU	0.0 NTU

COMMENTS

SIGNATURE

K.N

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air / Isobutylene	DATE: 30 SEP 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Core Test	
SIGNATURE:	DATE: 30 SEP 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Citi / Pratt

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 4
OPERATOR: KS	WEATHER: 68°F clear
SPAN GAS TYPE: Isobutylene 100 ppm	DATE: 9/30/25
CALIBRATION NOTES: 100.2 ppm	
Zero Calibration Performed	
COMMENTS:	
SIGNATURE:	DATE: 9/30/25

FIELD CALIBRATION FORM

Site Name: Citi / Prat

INSTRUMENT: Dust Track II	INSTRUMENT ID No: 16171
OPERATOR: KJ	WEATHER: 68°F clear
SPAN GAS TYPE: 0 cal	DATE: 9/30/25
CALIBRATION NOTES: 0 calibration	
COMMENTS:	
SIGNATURE: R. N	DATE: 9/30/25

FIELD CALIBRATION FORM

Site Name: Citi/Platt

INSTRUMENT: Dust Trak II	INSTRUMENT ID No: 40416
OPERATOR: KS	WEATHER: 68°F Clear
SPAN GAS TYPE: 0 cal	DATE: 9/30/25
CALIBRATION NOTES: Zero Calibration	
COMMENTS:	
SIGNATURE: K. L	DATE: 9/30/25

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: R8846
OPERATOR: Eric Beardslee	WEATHER: 63°, cloudy
SPAN GAS TYPE: Isobutylene 100ppm	DATE: 9/30/25
CALIBRATION NOTES:	
0 calibration performed	
100.1 ppm	
COMMENTS:	
SIGNATURE: Eric Rue	DATE: 9/30/25

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/1/2025
TIME: 0703
METER ID: YZ--LWS

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	7.09	3.98

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.52	4.53

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	0.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: Mini RAE 3000	INSTRUMENT ID No: R8446
OPERATOR: Eric Beardslee	WEATHER: 56°, clear
SPAN GAS TYPE: Isobutylene 100ppm	DATE: 10/1/2025
CALIBRATION NOTES:	
0 cal performed	
99.7 ppm	
COMMENTS:	
SIGNATURE: Eric Beardslee	DATE: 10/1/2025

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air/ Isobutylene	DATE: 1 ~~SEP~~ Oct 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Core Test	
SIGNATURE:	DATE: 1 ~~SEP~~ Oct 25

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER:
SPAN GAS TYPE: Air / Isobutylene	DATE: 2 ~~SEP~~ 25 Oct
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Core Test	
SIGNATURE:	DATE: 2 SEP 25 Oct

5 - Field PID

FIELD CALIBRATION FORM

Site Name: Pratt / CSI Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: R8846
OPERATOR: E. Beardslee	WEATHER: 51° clear
SPAN GAS TYPE: Isobutylene 100ppm	DATE: 10/2/2025
CALIBRATION NOTES:	
Zero cal performed	
Reading = 100.2 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 10/2/25

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/2/2025
TIME: 0917
METER ID: 2112

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	6.13	3.97

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.31	4.50

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0	3.9	0.0

COMMENTS

SIGNATURE

S. Arnold

FIELD CALIBRATION FORM

Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/2/25
TIME: 1115
METER ID: YCC655Y3

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.01	3.50	4.01

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.13	4.39

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	0.0	0.1

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: ~~801093~~ 213985
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air/ Isobutylene	DATE: 3 ~~SEP~~ OCT 25
CALIBRATION NOTES:	
Zero 0.0	
Span 100.2	
COMMENTS: ~~Cone Test~~ well sampling	
SIGNATURE: L. Councell	DATE: 3 ~~SEP~~ OCT 25

5 - Field PID

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 30Oct25
TIME: 0800
METER ID: 224386 (PINE)

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0 pH	~~7.0~~ 4.02	4.01

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	4.54 mS/cm	4.50

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0 NTU	~~2.0~~ 0.0 NTU	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/3/25
TIME: 0705
METER ID: 2112

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.83	3.97

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.73	4.48

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	7.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: Mini RAE 3000	INSTRUMENT ID No: R 8846
OPERATOR: Eric Beardslee	WEATHER: 58° mostly cloudy
SPAN GAS TYPE: Isobutylene 100 ppm	DATE: 10/3/2025
CALIBRATION NOTES:	
zero cal performed	
100.1 ppm	
COMMENTS:	
SIGNATURE:	DATE: 10/3/2025

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/3/2025
TIME: 1030
METER ID: 51885

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	3.65	4.00

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.31	4.47

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	0.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/3/25
TIME: 0730
METER ID: 21158

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	6.35	3.96

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.03	4.47

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	0.0	0.0

COMMENTS

N/A

SIGNATURE

FIELD CALIBRATION FORM

Site Name: Pratt / City Storage

INSTRUMENT: Mini RAE 3000	INSTRUMENT ID No:
OPERATOR: A. Faux	WEATHER: 57°F sunny
SPAN GAS TYPE: Isobutylene	DATE: 10/3/25
CALIBRATION NOTES:	
Zero: 0.0 ppm	
Span: 100.1 ppm	
COMMENTS:	
SIGNATURE:	DATE: 10/3/25

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: FA04760
OPERATOR: S. Arnold, K. Smeaton	WEATHER: 72°F, sunny
SPAN GAS TYPE: Isobutylene	DATE: 10/3/25
CALIBRATION NOTES:	
Zero @ 0.0 ppm	
Spm: 100.0 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 10/3/25

FIELD CALIBRATION FORM

Horiba U-52

pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/06/2025
TIME: 0730
METER ID: 51885

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.47	3.98

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.30	4.48

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0	0.5	0.2

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: K8846
OPERATOR: Eric Beardslee	WEATHER: 60° sunny
SPAN GAS TYPE: Isobutylene 100 ppm	DATE: 10/6/2025
CALIBRATION NOTES:	
zero cal performed	
100.1 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 10/6/25

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/6/25
TIME: 1536
METER ID: 2112

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.47	4.0

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	4.55 mS/cm	4.50 mS/cm

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	13.4 NTU	0 NTU

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air/ Isobutylene	DATE: 6 SEP 25 oct
CALIBRATION NOTES:	
Zero 0.0	
Span 100.2	
COMMENTS: Core Test	
	oct
SIGNATURE: L. Councell	DATE: 6 SEP 25

5 - Field PID

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 6 OCT 25
TIME: 0730
METER ID: 224386

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0 pH	4.04	4.02

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	4.93	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	8.1	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/7/25
TIME: 0707
METER ID:

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	6.44	3.99

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.83	4.42

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0	1.9	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: Mini RAE 3000	INSTRUMENT ID No: 213985
OPERATOR: E Beardsley	WEATHER: 63°, clear
SPAN GAS TYPE: Isobutylene 100 ppm	DATE: 10/7/25
CALIBRATION NOTES:	
Zero cal performed	
100.2 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 10/7/25

FIELD CALIBRATION FORM

Site Name:

INSTRUMENT: MiniRae 3000	INSTRUMENT ID No: 40520
OPERATOR: S. Arnold	WEATHER: 62°F, cloudy
SPAN GAS TYPE: Isobutylene	DATE: 10/7/2025
CALIBRATION NOTES:	
zero cal: 0.00	
span cal: 99.9	
COMMENTS:	
SIGNATURE: S. Arnold	DATE: 10/7/25

FIELD CALIBRATION FORM

Site Name: Pratt Refinery & Citi Storage

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 801093
OPERATOR: L. Councell	WEATHER: Sunny
SPAN GAS TYPE: Air/ Isobutylene	DATE: 2 SEP 25 Oct
CALIBRATION NOTES:	
Zero 0.0	
Span 100.1	
COMMENTS: Core Test	
SIGNATURE: L. Councell	DATE: 2 SEP 25 Oct

5 - field PID

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 7 OCT 25
TIME: 0730
METER ID: 224386

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0 pH	4.31	4.01

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	4.21	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0 NTU	1.5	~~0.4~~ 0.2 JC

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 10/8/25
TIME: 1110
METER ID: 224386

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	2.27	4.04

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	3.56	2.24

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0	0.0	0.2

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/23/2025
TIME: 1115
METER ID: 74RYBXOY

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.01	4.19	4.00

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	4.69	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	13.4	0.1

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/24/25
TIME: 0730
METER ID: T4RYBX04

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.01	~~4.07~~ 4.00	4.00

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	~~4.51~~ 4.48	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/25/25
TIME: 0815
METER ID: 74RYB XOY

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.01 pH	~~4.44~~ 3.99	4.00

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49 mS/cm	4.50	4.48

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0.0 NTU	0.0	~~0.01~~ 0.1

COMMENTS

SIGNATURE

INSTRUMENT QC/ PACKING LIST

Description	Horiba U-52/ U-53
Sonde ID#	21158
Display ID#	46899
Date Calibrated	8/25/2025

PINE
www.pine-environmental.com

Standard Items	**Prepared**	**QC check**	**Received by customer**	**Returned to Pine**
Horiba U-52/ 53 w/ 6 ' cable and display w/ case	✓	✓		
Manual	✓	✓		
Quick reference card	✓	✓		
(4) C Alkaline batteries	✓	✓		
Probe Guard	✓	✓		
Calibration cup (clear)	✓	✓		
Sample cup (Black)	✓	✓		
Flow cell	✓	✓		
• Cell body	✓	✓		
• Center window	✓	✓		
• Base and black bottom	✓	✓		
• O-ring cover	✓	✓		
• Threaded ring	✓	✓		
• (2) black O-rings	✓	✓		
• (1) red O-ring	✓	✓		
• 2 of each black barb sizes (1/4, 3/8, and 1/2)	✓	✓		
D.O. probe reconditioning kit	✓	✓		
330 internal pH reference solution (1)	✓	✓		
250 ml Autocal solution	✓	✓		
ProCal calibration sheet	✓	✓		
Optional Items				
U-50 Data Collection Software				
USB Cable				

Prepared by: QB
QC checked by: [illegible]
Date: 8-25-25

This packing list is to ensure that every item needed to operate the unit was sent and received. Upon receiving a shipment, please fill out the "Received by customer" column. Call Pine within 24 hours of receiving the equipment if any pieces are missing, damaged, or malfunctioning. Thank you for choosing Pine Environmental Services LLC

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC
405 Cambridge Ave
Syracuse, NY 13208
Toll-free: (877) 903-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID 21158
Description Horiba U-52 Sonde
Calibrated 8/25/2025 11:34:03AM

Manufacturer Horiba
Model Number U-52
Serial Number/ Lot Number 2BY81M6K
Location New York
Department

State Certified
Status Pass
Temp °C 22
Humidity % 50

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.11	7.03	0.43%	Pass
4.00 / 4.00	PH	4.00	PH	3.85	4.02	0.50%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	0.00	0.00	0.00%	Pass
800.00 / 800.00	NTU	800.00	NTU	769.00	803.00	0.38%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.000 / 0.000	ms/cm	0.000	ms/cm	0.000	0.000	0.00%	Pass
0.718 / 0.718	ms/cm	0.718	ms/cm	0.723	0.719	0.14%	Pass
5.000 / 5.000	ms/cm	5.000	ms/cm	4.880	5.020	0.40%	Pass
80.000 / 80.000	ms/cm	80.000	ms/cm	83.000	80.000	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	227.00	241.00	0.42%	Pass

Group # 5
Group Name Dissolved Oxygen Zero
Range Acc % 0.0000
Reading Acc % 3.0000

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC
405 Cambridge Ave
Syracuse, NY 13208
Toll-free: (877) 903-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID 21158
Description Horiba U-52 Sonde
Calibrated 8/25/2025 11:34:03AM

Group # 5 | **Range Acc %** 0.0000
Group Name Dissolved Oxygen Zero | **Reading Acc %** 3.0000
Stated Accy Pct of Reading | **Plus/Minus** 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	mg/L	0.00	mg/L	0.00	0.00	0.00%	Pass

Group # 6 | **Range Acc %** 0.0000
Group Name Temperature DO Span | **Reading Acc %** 0.0000
Stated Accy Plus / Minus | **Plus/Minus** 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
20.00 / 22.00	degrees C	8.39	mg/L	8.42	8.39	0.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
NYS COND 5K - 5GB0212	NYS COND 5K	AquaPhoenix Scientific	31997	5GB0212		2/28/2026
NYS COND 718 - 5GB0208	NYS COND 718	AquaPhoenix Scientific	32088	5GB0208		2/28/2026
NYS COND 80K - 5GB0210	NYS COND 80K	AquaPhoenix Scientific	32060	5GB0210		2/28/2026
NYS ORP 240 - 5GD0098	NYS ORP 240 mV	AquaPhoenix Scientific	32001			1/31/2026
NYS PH 4 - 5GB1014	NYS PH 4	AquaPhoenix Scientific	32017			2/28/2027
NYS PH 7 - 5GB1366	NYS PH 7	AquaPhoenix Scientific	32025			2/28/2027
NYS TURB 0 NTU - 4GJ1518	0 NTU TURBIDITY STANDARD	AquaPhoenix Scientific	41188	4GJ1518		10/31/2025
NYS TURB 800 NTU - 5GC0550	800 NTU TURBIDITY STANDARD	AquaPhoenix Scientific	33093			3/31/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Joseph P. Burkhart

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC
405 Cambridge Ave
Syracuse, NY 13208
Toll-free: (877) 903-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID 21158
Description Horiba U-52 Sonde
Calibrated 8/25/2025 11:34:03AM

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

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Appendix C
NYC Parks Site Access Permits

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NYC Parks

Eric Boorstyn, AIA, LEED, AP T (718) 760-6602 E Eric.Boorstyn@parks.nyc.gov
Deputy Commissioner
Capital Projects

City of New York
Parks & Recreation

Olmsted Center
Flushing Meadows
Corona Park
Flushing, NY 11368
nyc.gov/parks

October 3, 2025

EA
333 W. Washington Street
Suite 300
Syracuse, NY 13202

Re: Permit Amendment No. 1
Permit No.: B529.20220602
Description: Bushwick Inlet Park and more specifically the Former Pratt Refinary, Former Williamsburg MGP Site, and Citistorage
Extended End Date: October 31, 2025

Gentlepersons:

Please be advised that the above-referenced Permit is hereby amended as follows:

The Term End Date has been extended to October 31, 2025.

All other terms and conditions of the Permit remain in effect and unchanged.

CITY OF NEW YORK / PARKS & RECREATION

City of New York Department of Parks & Recreation
Permit to Perform Work on Park Property
P-CON-A-1.5

Commissioner

The Arsenal
Central Park
New York, NY 10065
www.nyc.gov/parks

Thérèse Braddick
Deputy Commissioner
Capital Projects

Olmsted Center
Flushing Meadows
Corona Park
Flushing, NY 11368

Permit# **B529.20250812**
Permittee: EA
333 W. Washington Street
Suite 300
Syracuse, NY 13202
Park Name: **Bushwick Inlet Park and more specifically the Former Pratt Refinary, Former Williamsburg MGP Site, and Citistorage**
Borough of **Brooklyn**

Start Date: 13 August 2025
End Date: 30 September 2025

Parks Interagency

Project Title or Purpose: Topographical and Geophysical Surveys

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This document constitutes a construction permit ("Permit") issued by the City of New York City ("City") Department of Parks & Recreation ("Parks") to **EA** ("Permittee") to perform surveying known as the **Topographical and Geophysical Surveys** from 13 August 2025 until 30 September 2025, (the "Term"), in the location known as Bushwick Inlet Park and more specifically the Former Pratt Refinary, Former Williamsburg MGP Site, and Citistorage as more particularly described on the attached map (hereinafter referred to as the "Permitted Premises" and shown in Attachment A).

1. Grant

A. This Permit grants Permittee a non-exclusive license to enter the Permitted Premises, subject to the terms and conditions of this Permit, for the limited purposes set forth herein. Permittee has no ownership interest in the Permitted Premises and shall have no rights with respect to the Permitted Premises except as set forth herein.

B. This Permit authorizes the following activities (hereinafter referred to as the "Work"):

i. Permittee to perform surveying in the Permitted Premises during the Term.

ii. Permittee Work shall be accordance with Attachment A.

iii. The Work will be performed by Permittee's subconsultants CT Male Associates ("CT Male") and Nova Geophysical Service ("Nova") as described in Attachment A. Permittee shall cause CT Male and Nova to be in compliance with all terms and conditions of this Permit.

iv. Permittee is permitted to use chalk and/or a paint that can easily be removed with soap and water for markings. Paint that can only be removed by power washing, chemicals, scraping, etc. is strictly prohibited.

v. Permittee shall not place any permanent markings anywhere in or on the Permitted Premises. This includes but is not limited to spray paint, cuts, sanding, drilling, nails, etches, and/or scrapes.

vi. Permittee shall not remove any vegetation and/or trees in the Permitted Premises. Permittee shall not make any markings on trees which includes but is not limited to spray paint, cuts, sanding, drilling, nails, etches, and/or scrapes.

vii. Permittee to restore the Permitted Premises, along with any other Parks premises or systems affected by the Work as directed by Parks and to Parks' sole satisfaction and approval.

2. General Prohibitions

A. Without separate, express written consent from Parks, Permittee is expressly prohibited from:

i. Occupying, using or in any way affecting Parks premises, systems or resources other than that within the Permitted Premises,

ii. Performing any activities within the Permitted Premises other than surverying B,

iii. Using or connecting to any of Parks' utilities, including but not limited to water and electric service. Permittee must independently source its own utility service.

B. The express prohibitions of this Paragraph 2 do not limit or modify any other terms and conditions contained in the Permit.

3. Notifications

Permittee shall notify the Chief of Operations for the Borough in which the Permitted Premises is situated, or the Chief's designee, at least twenty-four (24) hours before starting the Work.

Contact information for the Chief of Operations of each Borough can be accessed at:

http://www.nycgovparks.org/about/people

4. Conditions and Terms of Issuance

A. Permittee shall strictly adhere to all City, state and federal laws, rules and regulations, including but not limited to the Rules and Regulations of Parks. Parks does not approve or authorize any work or other activities except as set forth in this Permit or its attachments.

B. Permittee shall, at its sole cost and expense, restore and improve any City property damaged, disrupted or disturbed by the Work, or any other activities by the Permittee, whether or not such property lies within the Permitted Premises. Any such restoration and improvement is subject to the same terms and conditions as are the Work to Parks sole satisfaction and approval.

C. Permittee shall be responsible for its contractors, subcontractors, consultants, or any other party used by Permittee in connection with the performance of the Work. Permittee's contractors and subcontractors are bound by the terms and conditions of this Permit and Permittee shall be liable for any damages caused by Permittee's contractors and subcontractors.

5. Expiration, Termination, and Amendment of Permit

This Permit expires automatically on the Expiration Date and is terminable at will at the discretion of the Commissioner of Parks or their designee ("Commissioner") upon twenty-four (24) hours' notice to Permittee. Extension requests must be made in writing five (5) days prior to the Expiration Date. Parks reserves the right to amend this Permit at any time to cover new conditions.

6. Coordination

A. In the event that, during the progress of the Work, Parks authorizes parties other than the Permittee ("Authorized Others") to use the Permitted Premises, Permittee shall coordinate the Work with Authorized Others' activities and shall fully cooperate with and carefully coordinate its own Work with Authorized Others' activities as may be directed by the Commissioner. Permittee shall not commit or permit any act which will interfere with the Authorized Others' activities.

B. If the Commissioner determines that Permittee is failing to coordinate its Work with the activities of Authorized Others as directed by Parks, then the Commissioner shall have the right to terminate the Permit and recover damages, including liquidated damages, from the Permittee until Permittee fully complies with such directions.

C. Permittee shall notify the Commissioner in writing if any Authorized Others fail to coordinate their activities with the Permittee's Work. If the Commissioner finds such charges to be true, the Commissioner shall promptly issue directions to such Authorized Others as the situation may require. The City shall not, however, be liable for any damages suffered by Permittee for any Authorized Others' failure to coordinate their activities with the Work or by reason of the Authorized Others' failure to promptly comply with the directions so issued by the Commissioner, or by reason of any Authorized Others' default in performance, it being understood that the City does not guarantee the responsibility or continued efficiency of any party. Permittee agrees to make no claim against the City for any damages relating to or arising out of any directions issued by the Commissioner pursuant to this Paragraph 6 (including but not limited to the failure of any Authorized Others to comply or promptly comply with such directions), or the failure of the Commissioner to issue any directions, or the failure of any Authorized Others to coordinate their work, or the default in performance of any Authorized Others.

7. Other Agencies and Authorities

A. This Permit is issued for lands under the jurisdiction of Parks. Permittee shall be responsible for securing any and all other permits required to perform any of the Work.

B. The Work shall be open at all times to the reasonable inspection of all agencies and authorities involved in the permitting process for the Work as well as all agencies with applicable oversight authority over any portion of the Work.

8. Access and Use Requirements

A. Permittee shall not commence the Work until all required permits and approvals have been obtained from all appropriate agencies and authorities.

B. For any questions regarding the Permitted Premises, Permittee shall contact the Chief of Operations for the Borough in which the Permitted Premises is located.

C. Access to the Permitted Premises shall be via Parks' Roads and Paths unless otherwise approved by Parks or any other agency with jurisdiction over adjacent routes.

D. Permittee shall maintain all areas used for access to the Permitted Premises, as well as any staging areas, in a condition acceptable to Parks.

E. Permittee shall not permit debris to accumulate anywhere on the Permitted Premises and shall clean up the Permitted Premises on a regular basis during the Permit Term. Permittee is required to remove food waste from Permitted Premises daily.

F. Permittee shall use refuse receptacles of a capacity which has been determined by Parks to not be detrimental to the access roads and paths leading to the Permitted Premises.

G. Permittee shall not park private vehicles on Parks' property.

H. Emergency vehicles must always have access through the Permitted Premises.

9. Maintenance and Restoration of Site

A. Permittee shall, at its sole cost and expense, completely replace and restore to their pre-Work conditions or better all Parks property and systems, including but not limited to planted areas, trees, shrubs, existing structures or substructures, utility lines, roads, walks and curbs, that are damaged or destroyed by Permittee, whether in or outside the Permitted Premises to Parks sole satisfaction and approval.

B. Such replacement or restoration work must comply with all applicable laws, rules, and regulations, be completed within the deadline reasonably established by the Commissioner and be approved by Parks' Construction and Forestry Divisions. All replacement and restoration work shall be

performed at the direction and to Parks sole satisfaction and approval, and unless otherwise directed by Parks, reference Parks' standard specifications and details.

C. Upon the expiration or sooner termination of this Permit, all temporary structures, equipment and material belonging to Permittee shall be removed from the Permitted Premises.

D. Guarantee All materials used to restore the Permitted Premises, subject to settlement, which remain on the Permitted Premises upon the expiration of this Permit shall be maintained and guaranteed by Permittee for a period of one year after the final inspection and acceptance by the Parks.

E. Supervision. Permittee shall have qualified supervisory personnel present at the Permitted Premises during all phases of the restoration to ensure that Permittee adheres to all Parks' specifications.

F. Final Inspection. Permittee shall notify Parks after the Permit Term when the Permitted Premises is ready for final inspection to certify that Permittee has restored the Permitted Premises in accordance with the terms of this Permit. Barricaded areas must be inspected by Parks prior to the removal of any barricades.

G. Allowable Work Hours. All work shall be performed on weekdays between the hours of 7am and 6pm and in accordance with Sections 24-222 and 24-223 of the Administrative Code of the City of New York (the "Code"). No Work other than for emergencies, or as otherwise authorized in the Code, or as required by the City or its appropriate agency is to be performed on Parks property before 7am or after 6pm on weekdays and/or on Saturdays, Sundays or Holidays, except by written permission from Parks and in compliance with all City, state and federal laws and the Parks Rules and Regulations. If work is to be performed after hours, Parks must receive a certification from the Permittee that the Permittee has developed a Noise Mitigation Plan in accordance with the Code. Details on citywide allowable hours of work can be found at: https://www1.nyc.gov/assets/dep/downloads/pdf/air/noise/noise-code-full-version.pdf.
In the event there is a conflict between a provision in this permit and the Code, the Code takes precedence.

H. Safety Devices. Barricades, warning devices, signs, flags, lights, shall be provided and maintained as required to insure public safety. Permittee is responsible for the adequacy of the safety devices. Permittee shall, upon direction by Parks, vary and/or increase the safety devices installed on the Permitted Premises. Permittee shall maintain any such devices in good condition throughout the duration of this Permit.

I. Regardless of prior existing conditions at the Permitted Premises, all Work and restoration must be performed at a level consistent with standard construction procedures for new work.

10. Modifications/Choice of Laws/Venue

A. This Permit constitutes the whole of the agreement between the parties hereto, and no other representation made heretofore shall be binding upon the parties hereto. No modification to this Permit shall be valid unless in writing, signed by the parties hereto. Waiver of any breach or default of any provision hereof shall not be deemed a waiver of any subsequent breach of the same or other provision. This Permit shall be deemed to be executed in New York City, State of New York, regardless of the domicile of the Licensee and shall be governed by and construed in accordance with the laws of the State of New York.

B. The parties agree that any and all claims asserted by or against the City arising under or related to this Permit shall solely be heard and determined either in the courts of the United States located in the City or in the courts of the State located in the City and County of New York. The parties shall consent to the dismissal and/or transfer of any claims asserted in any other venue or forum to the proper venue or forum. If Permittee initiates any action in breach of this Permit, Permittee shall be

responsible for and shall promptly reimburse the City for any attorneys' fees incurred by the City in removing the action to a proper court consistent with this Permit.

11. Liability

A. To the fullest extent of permitted by law, Permittee shall defend, indemnify and hold the City and its officials and employees harmless against any and all claims, liabilities, settlements, damages, costs and expenses of whatever nature (including, without limitation, attorneys' fees and disbursements) arising out of or related to any of the operations in connection with this Permit, or Permittee's failure to comply with the law or any of the requirements of this Permit. Insofar as the facts or law relating to any of the foregoing would preclude the City or its officials and employees from being completely indemnified by Permittee, the City and its officials and employees shall be partially indemnified by Permittee to the fullest extent permitted by law.

B. Copyrights and Patents: To the fullest extent of the law, Permittee shall indemnify, defend, and hold the City and its officials and employees harmless against any and all claims, liabilities, settlements, damages, costs and expenses of whatever nature (including, without limitation, attorneys' fees and disbursements), against any of them for infringement or violation of any copyright, patent, trademark, service mark, trade dress, rights of publicity, or other intellectual or proprietary right, or any other property or personal right of any third party, in each case arising out of the use for the purpose of this Permit of any plans, designs, drawings or specifications furnished by Permittee in the performance of this Permit.

C. These indemnification provisions shall survive the termination or expiration of this Permit. These indemnification provisions shall not be limited in any way by any other provision of this Permit.

D. Permittee's construction and restoration activities shall be performed in such manner that the stability of the existing and adjacent areas is not disturbed. Permittee shall be responsible for any damage caused to adjacent Parks areas or appurtenances which result from performance of the Work or the Restoration Work.

12. Insurance

A. Types of Insurance. From the date Permittee is required to provide Proof of Insurance pursuant to Section 12(C) below through the date of completion of all required Work, Permittee, its Contractors and Subcontractors shall maintain the following types of insurance as indicated herein (with the minimum limits and special conditions specified in Section 12(H)):

i. Commercial General Liability Insurance: Permittee shall maintain a Commercial General Liability ("CGL") insurance policy or policies (including umbrella or excess policies, if any) satisfying the requirements of this Section 12. This insurance shall protect the insureds from claims for property damage and/or bodily injury, including death that may arise from any of the operations under this Permit. Coverage shall be at least as broad as that provided by the most recently issued Insurance Service Office ("ISO") Form CG 0001. Such CGL insurance shall name "City of New York, together with its officials and employees," as an Additional Insured with coverage at least as broad as the most recent edition of ISO Form CG 2026. Such CGL insurance shall be primary and non-contributing to any insurance or self-insurance maintained by the City and must be "occurrence" based rather than "claims-made".

ii. Workers' Compensation, Employers' Liability, and Disability Benefits Insurance: Permittee maintain, and ensure that each Contractor and Subcontractor maintain, Workers Compensation, Employers' Liability, and Disability Benefits Insurance as required by New York law.

iii. Comprehensive Business Automobile Liability Insurance: Permittee shall maintain Comprehensive Business Automobile Liability insurance for liability arising out of any owned,

non-owned, leased and hired vehicles to be used in connection with this Permit. Coverage should be at least as broad as the most recent edition of ISO Form CA0001.

iv. Pollution/Environmental Liability Insurance: Permittee and subcontractor shall provide Pollution/Environmental Liability Insurance covering bodily injury and property damage, including loss of use of damaged property or of property that has not been physically injured. Such insurance shall provide coverage for actual, alleged or threatened emission, discharge, dispersal, seepage, release or escape of pollutants, including any loss, cost or expense incurred as a result of any cleanup of pollutants or in the investigation, settlement or defense of any claim, suit, or proceedings against the City arising from Permittee's operations under this Permit. Such insurance shall name and list the City as an Additional Insured. Coverage for the City as Additional Insured shall specifically include the City's officials and employees.

B. General Requirements for Insurance Policies:

i. All required insurance policies shall be maintained with companies that may lawfully issue the required policy and have an A.M. Best rating of at least A- VII or a Standard and Poor's rating of at least A, unless prior written approval is obtained from the Mayor's Office of Operations.

ii. Permittee (or its contractors) shall be solely responsible for the payment of all premiums for all required policies and all deductibles and self-insured retentions to which such policies are subject, whether or not the City is an insured under the policy.

iii. The City's limits of coverage for CGL insurance shall be the greater of

a) the minimum limits set forth in Section 12(H) or

b) the limits provided to Permittee as Named Insured under all primary, excess and umbrella policies of that type of coverage.

C. Proof of Insurance:

i. Before any Work pursuant to this Permit begins, Permittee shall, for each policy required under this Permit, except for Workers Compensation, Employers Liability and Disability Benefits Insurance, file a Certificate of Insurance with the Commissioner pursuant to 13(I).

ii. All Certificate(s) of Insurance shall be in a form reasonably acceptable to the City and shall certify the issuance and effectiveness of the types of insurance specified in Section 12(A) and 12(H) and be accompanied by either a duly executed "Certification by Broker or Agent" in the form contained in Section 12(I) or completed copies of all policies referenced in the Certificate of Insurance. Where completed policies have not yet been issued, binders are acceptable.

iii. Certificates of Insurance confirming renewals of insurance shall be submitted to the Commissioner prior to the expiration date of coverage of policies required under this Permit. Such Certificates of Insurance shall comply with the requirements of this Section 13.

iv. Permittee shall be obligated to provide the City with a copy of any policy required by this Section 12 upon the demand for such policy by the Commissioner or the New York City Law Department.

D. Operations of Permittee:

i. Permittee shall not commence the Work unless and until all required certificates have been submitted to and accepted by the Commissioner. Acceptance by the Commissioner of a certificate hereunder does not excuse Permittee from securing a policy consistent with all provisions of this Section or of any liability arising from its failure to do so.

ii. Permittee shall be responsible for providing continuous insurance coverage in the manner,

form, and limits required by this Permit and shall be authorized to perform Work only during the effective period of all required coverage.

iii. In the event that any of the required insurance policies lapse, are revoked, suspended or otherwise terminated, for whatever cause, Permittee shall immediately stop all Work, and shall not recommence the Work until authorized in writing to do so by the Commissioner.

iv. Where notice of occurrence, accident, claim or suit is required under a policy maintained in accordance with this Section 12, Permittee shall notify in writing all insurance carriers that issued potentially responsive policies of any such event relating to any operations under this Permit (including notice to Commercial General Liability insurance carriers for events relating to Permittee's or its Contractors' employees) no later than 20 days after such event. For any policy where the City is an additional insured, such notice shall expressly specify that "this notice is being given on behalf of the City of New York as Insured as well as the Named Insured." Such notice shall also contain the following information: the number of the insurance policy, the name of the named insured, the date and location of the damage, occurrence, or accident, and the identity of the persons or things injured, damaged or lost. Permittee shall simultaneously send a copy of such notice to the City of New York c/o Insurance Claims Specialist, Affirmative Litigation Division, New York City Law Department, 100 Church Street, New York, New York 10007.

E. Wherever reference is made in this Section 12 to documents to be sent to the Commissioner (e.g., notices, filings, or submissions), such documents shall be sent to the address set forth in Section 17.

F. Materiality/Non-Waiver: Permittee's failure to secure policy(ies) in complete conformity with this Section, or to give the Insurance Company timely notice of any sort required in this Permit on behalf of the City, or to do anything else required by this Section 12 shall constitute a material breach of this Permit. Such breach shall not be waived or otherwise excused by any action or inaction by the City at any time.

G. Other Remedies: Insurance coverage in the minimum amounts provided for herein shall not relieve Permittee of any liability under this Permit, nor shall it preclude the City from exercising any rights or taking such other actions as are available to it under any other provisions of this Permit or as otherwise provided by law.

H. Insurance Schedule

Types of Insurance	**Minimum Limits and Special Conditions**
Workers' Compensation, Employer's Liability, and Disability Insurance	Per Statutory Limits as required by the laws of the State of New York
Commercial General Liability	$1,000,000 per occurrence, $2,000,000 aggregate. Additional Insureds: 1) City of New York, including its officials and employees, **with coverage at least as broad as ISO Form CG 2026**
Comprehensive Business Auto Coverage	$1,000,000 per accident
Pollution/Environmental Liability	$1,000,000 per occurrence, $2,000,000 aggregate.

	Additional Insureds: 1) City of New York, including its officials and employees

I. Certificates of Insurance

All certificates of insurance (except certificates of insurance solely evidencing Workers' Compensation Insurance, Employer's Liability Insurance, and/or Disability Benefits Insurance) must be accompanied by one of the following:

(1) the Certification by Insurance Broker or Agent on the following page setting forth the required information and signatures;

-- OR --

(2) copies of all policies as certified by an authorized representative of the issuing insurance carrier that are referenced in such certificate of insurance. If any policy is not available at the time of submission, certified binders may be submitted until such time as the policy is available, at which time a certified copy of the policy shall be submitted.

Form of Certificate appears on the following page.

CITY OF NEW YORK

CERTIFICATION BY INSURANCE BROKER OR AGENT

The undersigned insurance broker or agent represents to the City of New York that the attached Certificate of Insurance is accurate in all material respects.

_____
[Name of broker or agent (typewritten)]

_____
[Address of broker or agent (typewritten)]

_____
[Email address of broker or agent (typewritten)]

_____
[Phone number/Fax number of broker or agent (typewritten)]

_____
[Signature of authorized official, broker, or agent]

_____
[Name and title of authorized official, broker, or agent (typewritten)]

State of …….)
) ss.:
County of …….)

Sworn to before me this _____ day of _____ 20___

_____

NOTARY PUBLIC FOR THE STATE OF _____

13. Independent Contractors, No Assignment

The parties to this Permit shall be independent contractors, and nothing herein shall be deemed to make the parties hereto joint venturers, partners, agent/principal or otherwise. This Permit shall not be assignable without the other party's prior written consent.

14. Investigations

A. The parties to this Permit shall cooperate fully and faithfully with any investigation, audit or inquiry conducted by a State of New York ("State") or City governmental agency or authority that is empowered directly or by designation to compel the attendance and to examine witnesses under oath or conducted by the Inspector General of a governmental agency that is a party in interest to the transaction, submitted bid, submitted proposal, contract, lease, permit, or license that is the subject of the investigation, audit or inquiry.

B.

i. If any person who has been advised that his or her statement and any information from such statement will not be used against him or her in any subsequent criminal proceeding refuses to testify before a grand jury or other governmental agency or authority empowered directly or by designation to compel the attendance of witnesses and to examine witnesses under oath concerning the award of or performance under any transaction, agreement, lease, permit, contract or license entered into with City, State or any political subdivision or public authority thereof, or the Port Authority of New York and New Jersey, or any local development corporation within City, or any public benefit corporation organized under the laws of the State of New York; or

ii. If any person refuses to testify for a reason other than the assertion of his or her privilege against self-incrimination in an investigation, audit or inquiry conducted by a City or State governmental agency or authority empowered directly or by designation to compel the attendance of witnesses and to take testimony under oath, or by the Inspector General of the governmental agency that is a party in interest and is seeking testimony concerning the award of or performance under any transaction, agreement, lease, permit, contract or license entered into with City, State or any political subdivision thereof or any local development corporation within the City; then

C.

i. The commissioner or agency head whose agency is a party in interest to the transaction, submitted bid, submitted proposal, contract, lease, permit or license shall convene a hearing, upon not less than five days written notice to the parties involved to determine if any penalties should attach for the failure of a person to testify.

ii. If any non-governmental party to the hearing requests an adjournment, the commissioner or agency head who convened the hearing may, upon granting the adjournment, suspend any contract, lease, permit or license pending the final determination pursuant to paragraph (e) below with City incurring any penalty or damage for delay or otherwise.

D. The penalties which may attach after a final determination by the commissioner or agency head may include, but not exceed:

i. The disqualification for a period not to exceed five years from the date of an adverse determination for any person or entity of which such person was a member at the time the testimony was sought from submitting bids for, transacting business with or entering into or obtaining any contract, lease, permit or license with or from City; and/or

ii. The cancellation or termination of any and all such existing City contracts, leases, permits or

licenses that the refusal to testify concerns and that have not been assigned as permitted under this Permit, nor the proceeds of which pledged, to an unaffiliated and unrelated institutional lender for fair value prior to the issuance of the notice scheduling the hearing, without the City incurring any penalty or damages on account of such cancellation or termination; monies lawfully due for goods delivered, work done, rentals, or fees accrued prior to the cancellation or termination shall be paid by City.

E. The commissioner or agency head shall consider and address in reaching his or her determination and in assessing an appropriate penalty the factors in sub paragraphs (i) and (ii) below. He or she may also consider, if relevant and appropriate, the criteria established in sub-paragraphs (iii) and (iv) below in addition to any other information which may be relevant and appropriate:

i. The party's good faith endeavors or lack thereof to cooperate fully and faithfully with any governmental investigation or audit including, but not limited to, the discipline, discharge or disassociation of any person failing to testify, the production of accurate and complete books and records and the forthcoming testimony of all other members, agents, assignees or fiduciaries whose testimony is sought.

ii. The relationship of the person who refused to testify to any entity that is a party to the hearing, including, but not limited to, whether the person whose testimony is sought has an ownership interest in the entity and/or the degree of authority and responsibility the person has within the entity.

iii. The nexus of the testimony sought to subject entity and its contracts, leases, permits or licenses with City.

iv. The effect a penalty may have on an unaffiliated and unrelated party or entity that has a significant interest in an entity subject to penalties under paragraph (d) above, provided that the party or entity has given actual notice to the commissioner or agency head upon the acquisition of the interest, or at the hearing called for in paragraph (c) (i) above gives notice and proves that such interest was previously acquired. Under either circumstance the party or entity must present evidence at the hearing demonstrating the potential adverse impact a penalty will have on such person or entity.

F.

i. The term "license" or "permit" as used herein shall be defined as a license, permit, franchise or concession not granted as a matter of right.

ii. The term "person" as used herein shall be defined as a natural person doing business alone or associated with another person or entity as a partner, director, officer, principal or employee.

iii. The term "entity" as used herein shall be defined as any firm, partnership, corporation, association or person that receives monies, benefits, licenses, leases or permits from or through City or otherwise transacts business with the City.

iv. The term "member" as used herein shall be defined as any person associated with another person or entity as a partner, director, officer, principal or employee.

G. In addition to and notwithstanding any other provision of this Permit the commissioner or agency head may in his or her sole discretion, terminate this Permit upon not less than three days written notice in the event Permittee fails to promptly report in writing to the Commissioner of Investigation of the City of New York any solicitation of money, goods, requests for future employment or other benefit or thing of value, by or on behalf of any employee of the City or other person, firm, corporation or entity for any purpose which may be related to the procurement or obtaining of this Permit by the Permitee, or affecting the performance of this Permit.

15. Notices

All notices to Parks shall be sent to the following addresses:

New York City Parks & Recreation
Counsel's Office
The Arsenal
830 Fifth Avenue
New York, NY 10065

Director, Interagency Coordination
& Construction Permits
The Olmsted Center
117-02 Roosevelt Avenue
Flushing, NY 11368

All notices to Permittee shall be sent to following address:

EA
333 W. Washington Street
Suite 300
Syracuse, NY 13202

16. Safety Standards

All installed products, materials and equipment installed must meet the reasonable safety standards of their respective industries.

17. No Cost

All the Work performed in connection with this Permit shall be at no cost to the City or Parks.

18. Assignment

Permittee shall not assign, transfer, convey or otherwise dispose of this Permit or of Permittee's rights, obligations, duties, in whole or in part, in connection with this Permit, unless the prior written consent of Parks shall be obtained, which consent shall not be unreasonably withheld or delayed. Any such assignment, transfer, conveyance or other disposition without such consent shall be void.

19. Merger

This written Permit contains all the terms and conditions agreed upon by the parties hereto, and no other permit, agreement, oral or otherwise, regarding the subject matter of this Permit shall be deemed to exist or to bind any of the parties hereto, or to vary any of the terms contained herein.

20. Modification

No modification, amendment, waiver or release of any provision of this Permit or of any right, obligation, claim or cause of action arising hereunder shall be valid or binding for any purpose unless in writing and duly executed by both parties to this Permit.

21. Protection of Property

Permittee assumes the risk of, and shall be responsible for, any loss or damage to property of the City of New York, involved in the Work performed in connection with this Permit, and caused, either directly or indirectly, by the acts, conduct, omissions or lack of good faith of Permittee, or his or her officers, managerial personnel and employees, or any person, firm, company, agency or others engaged by the Permit as expert, consultant, specialist or subcontractor hereunder.

The rights and remedies of the City provided herein shall not be exclusive and are in addition to any other rights and remedies provided by law or by this Permit.

22. Liquidated Damages

A. If Permittee fails to vacate the Permitted Premises or leave the Permitted Premises in the condition required by this permit by the Expiration Date, Permittee shall be liable for liquidated damages in

the cash amount of $1,000.00 per day for every calendar day or part thereof that such failure continues.

B. Permittee acknowledges that said cash amount is reasonable in proportion to the probable damages likely to be sustained by the City for Permittee's failure to vacate the Permitted Premises by the Termination Date or leave the Permitted Premises in the condition required by the Permit.

C. Permittee acknowledges that the amount of actual damages for the loss of use of property sustained by City in the event of such failure is incapable of precise estimation, that the payment of such cash amount by Permittee would not result in severe economic hardship for Permittee, and that such payment does not constitute a penalty or punitive damages for any purposes.

D. Permittee acknowledges that such liquidated damages compensate the City solely for the lost or impaired use of its property and are separate from and in addition to Permittee's liability to compensate the City for any other damages it may have caused.

E. Such liquidated damage amounts due and unpaid by Permittee shall constitute a lien on any property owned by Permittee.

F. This paragraph survives the Expiration Date or of this Permit or any earlier termination by Parks.

23. Publication

Permittee shall not publicize and/or circulate promotional material regarding this Permit, or the Work without the prior written consent from Parks.

24. Survey Results

The results and/or findings of the survey shall be used solely by Permittee for the purposes of the Work. Such results and/or findings may be disclosed only to those persons required by law and/or necessary to perform and complete the work. Permittee shall furnish a copy of the surveys to Parks within five (5) days of Permittee's receipt of same. Permittee shall provide copies of the results and/or findings with the New York State Department of Environmental Conservation.

CITY OF NEW YORK / PARKS & RECREATION

Signed: _____

Accepted and agreed on behalf of:

EA :

(Permittee)

Signature: Donald Conan

Print: Donald Conan

Title: Vice President

Date: 8-13-25

Susan M. Donoghue
Commissioner

The Arsenal
Central Park
New York, NY 10065
www.nyc.gov/parks

Thérèse Braddick
Deputy Commissioner
Capital Projects

Olmsted Center
Flushing Meadows
Corona Park
Flushing, NY 11368

NYC Parks Construction Permit B529.20250812 Attachment A

333 W. Washington Street
Suite 300
Syracuse, New York 13202
Telephone: 315-431-4610
www.eaest.com

29 July 2025

Ms. Deborah Howe
Principal Senior Counsel
Capital Projects
NYC Parks
Olmsted Center
Flushing Meadows Corona Park
Flushing, NY 11368

RE: Application for Site Access to Conduct Geophysical and Topographic surveys
Former Pratt Refinery Site (NYSDEC Site No. 224402)
CitiStorage Site (NYSDEC Site No. 224341)
Brooklyn, Kings County, New York

Dear Ms. Howe:

EA is supporting New York State DEC in executing environmental work at the referenced sites.

1. **Location of the work**

Property Description	Borough - Brooklyn (30)		Location
	Block	Lot	
Former Pratt Refinery	2277	1	Immediately South of Bushwick Inlet and North of 12th Street
Former Williamsburg MGP Site	2287	30	South of 12th Street and North of 11th Street
		16	
		1	
CitiStorage (part of former Pratt Operations)	2294	1	South of 11th Street and North of 10th Street
		5	

2. **Dates and Duration:**
Topographic Survey – Start on August 11th – Estimated 3 days
Geophysical Surveys – Start on August 14th – Estimated 3 days

3. **Proposed Activities**
   a. Topographic Survey (Land Survey)

The topographic surveyor will confirm and survey the marked-out locations of proposed borings, existing monitoring wells, and collect surface elevation data. The subcontractor anticipates using the following equipment:

333 W. Washington Street
Suite 300
Syracuse, New York 13202
Telephone: 315-431-4610
www.eaest.com

Trimble Tsc5 Controller
Trimble R12i/R12 GPS Base/Rover
Trimble S8 Total Station
Trimble 10mm 360 Glass Prism
Trimble -35MM Front/Sight Glass
Leica P50 Laser Scanner

b. Geophysical Survey (Scanning for potential buried underground utilities)

The geophysical surveyor shall scan a 20 feet x 20 feet area around each of the 35 proposed boring locations and soil vapor points. Additional geophysical survey will be done to locate and mark utilities along the southern shoreline of Bushwick Inlet by surveying along the northern fence line of the former Pratt facility [Block 2277 Lot 1]. The subcontractor anticipates to use the following equipment:

GPR GS8000

4. **Contractors executing the work**
   a. CT Male Associates (Licensed Land Surveyor)
   b. Nova Geophysical Service (Geophysical Surveyor)

Please let us know if you need any additional information

Sincerely yours,

EA ENGINEERING AND GEOLOGY, P.C.

Kritika Thapa
Project Manager

Attachments:

A: Figures

Figure 4 – Proposed Geophysical Footprint

Figure 5 – Proposed Land Surveying Footprint (see hatched area)

Figures 4 and 5 from the July 11th Workplan

333 W. Washington Street
Suite 300
Syracuse, New York 13202
Telephone: 315-431-4610
www.eaest.com

B: Equipment Make and Model

Trimble R12i/R12 GPS Base/Rover
Trimble S8 Total Station
GPR GS8000

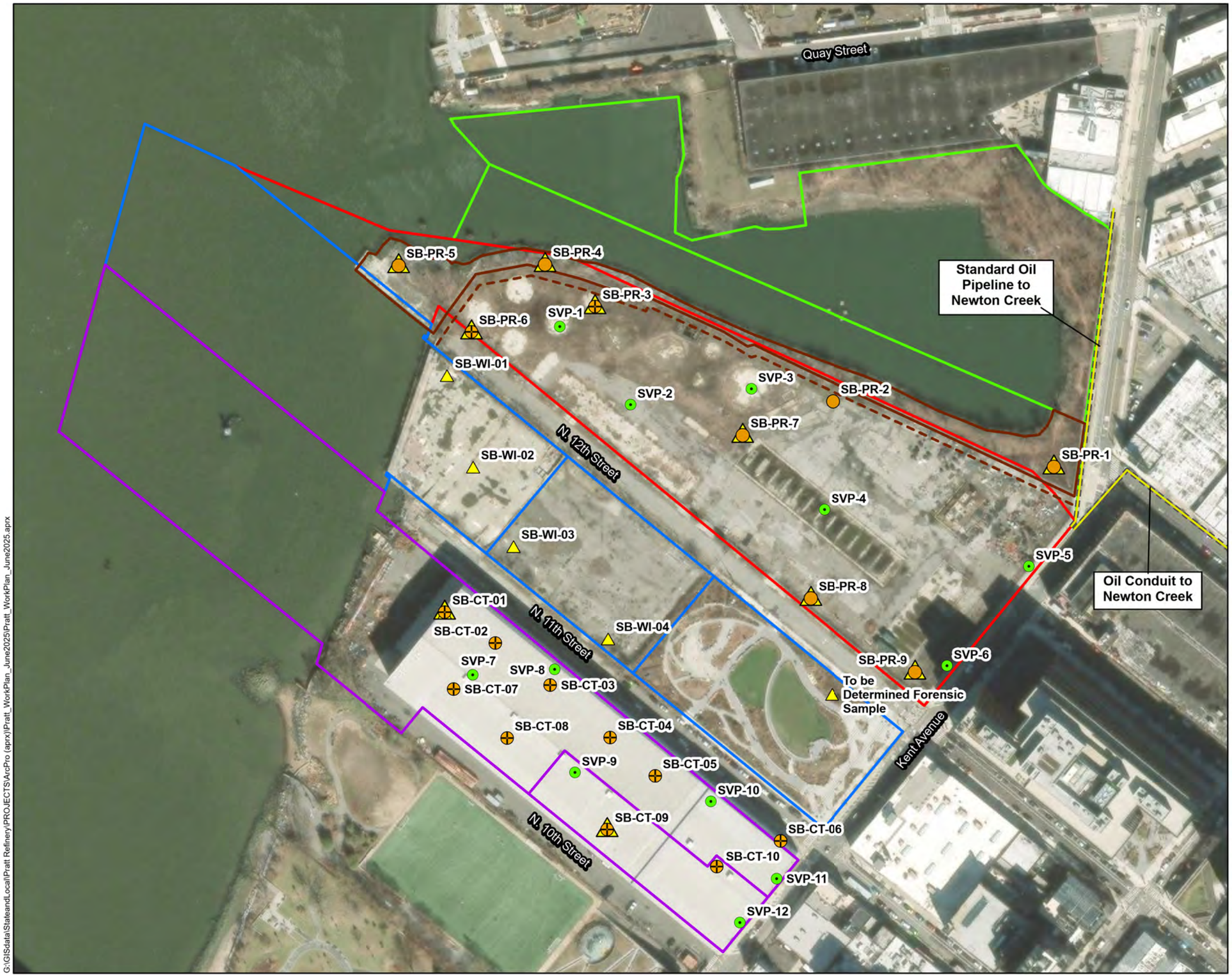
C: Certificate of Insurance

CT Male Certificate of Insurance

Nova Geophysical Certificate of Insurance

ATTACHMENT A

Figures



VICINITY MAP



Legend

- Bushwick Inlet (AOI 1)
- Former Pratt Refinery (AOI 2)
- Williamsburg Manufactured Gas Plant (MGP) (AOI 3)
- CitiStorage (AOI 4)
- Shoreline to be Surveyed
- Geophysical Survey Path if Shoreline Inaccessible
- 1905 Historical Structures

Proposed Sample, Soil Vapor & Monitoring Well Locations

- Forensic Sample Location
- Soil Boring Location
- Soil Boring & Monitoring Well Location
- Soil Vapor Point

Note:
AOI = Area of Interest
TBD = To be Determined
Geophysical survey should include a 20 foot (ft) by 20 ft area around each of the upland boring locations.

Map Date: 7/11/2025
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York Long Isl FIPS 3104

0 125 250
Feet

N

NEW YORK STATE | Department of Environmental Conservation

Figure 4
GEOPHYSICAL SURVEY FOOTPRINT
Former Pratt Refinery (224402),
CitiStorage (224341)
Brooklyn, New York

G:\GIS\data\StateandLocal\Pratt Refinery\PROJECTS\ArcPro (aprx)\Pratt_WorkPlan_June2025\Pratt_WorkPlan_June2025.aprx

Survey Footprint ~9.5 Acres

Survey Footprint ~5.6 Acres

Quay Street

N. 12th Street

N. 11th Street

N. 10th Street

Kent Avenue

SB-PR-5
MW-2A
MW-3
SB-PR-4
SVP-1
SB-PR-3
SVP-3
SB-PR-2
MW-1
MW-15
MW-5
SB-PR-6
MW-14
MW-18
B-31/MW-31
B-28/MW-28
SB-PR-1
SB-WI-01
MW-10
SVP-2
MW-7
BPB-6/MW-2
MW-8
MW-6
SB-WI-02
MW-11
SB-PR-7
MW-9
WW-MW-18
MW-12
BPB-2/MW-1
SB-WI-03
SVP-4
SB-CT-01
MW-7X
B-33/MW-33
SVP-5
SB-PR-8
SB-CT-02
BPB-8/MW-3
SB-WI-04
MW-B1S
WW-MW-16
SVP-7
BPB-13/MW-4
SVP-6
SB-CT-07
MW-8X
SB-PR-9
SVP-8
BPB-15/MW-5
LPB-1/MW-1
BPB-18/MW-7
SB-CT-04
SB-CT-03
To be Determined Forensic Sample
LPB-6/MW-9
SVP-9
BPB-16/MW-6
SB-CT-08
SVP-10
BPB-20/MW-8
LBP-11/MW-?
SB-CT-06
SB-CT-05
SB-CT-09
SVP-11
LPB-15/MW-6
BPB-23/MW-9
SB-CT-10
SVP-12
LPB-20/MW-8

VICINITY MAP

NY

Legend

- Bushwick Inlet (AOI 1)
- Former Pratt Refinery (AOI 2)
- Williamsburg Manufactured Gas Plant (MGP) (AOI 3)
- CitiStorage (AOI 4)
- Former Pratt Refinery Footprint
- CitiStorage Survey Footprint

Proposed Sample, Soil Vapor & Monitoring Well Locations

- Forensic Sample Location
- Soil Boring Location
- Soil Boring & Monitoring Well Location
- Soil Vapor Point

Monitoring Wells

- Potentially Existing Monitoring Well (To be confirmed in field)
- Existing Monitoring Well

Note:
AOI = Area of Interest

Map Date: 7/11/2025
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York Long Isl FIPS 3104

0 125 250
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 5
TOPOGRAPHIC SURVEY FOOTPRINT
Former Pratt Refinery (224402),
CitiStorage (224341)
Brooklyn, New York

G:\GIS\data\State\and\Local\Pratt Refinery\PROJECTS\ArcPro (aprx)\Pratt_WorkPlan_June2025\Pratt_WorkPlan_June2025.aprx

ATTACHMENT B

Equipment Make and Model

NOVA GEOPHYSICAL SERVICES

Environmental Consulting & Engineering Solutions

56-01 Marathon Parkway, # 765, Douglaston, New York 11362

Ph. 347-556-7787 Email. info@nova-gsi.com

www.novagsi.com.com

SCREENING EAGLE | proceq



Subsurface Mapping GPR

GS8000

Proceq GPR Subsurface App
Tech Specs

Measurements modes	Line Scan Grid Scan Free Path
Visualization modes	A-scan Line Scan Line Scan migrated Time Slice View Map View Augmented Reality
On-site annotations	Tags Markers Photos Points of interest Voice notes Markups Linework
Display settings	Slice depth and thickness Auto / linear / time gain Background removal Multi-layer dielectric constant Time window Noise cancellation filter Frequency filter Low pass filter Color palette Object layers
Reporting	Workspace integration Automatic logbook Instant map / drawing generation Instant report generation Share via url
Export format	SEG-Y DXF SHP KML HTML
Coordinate System	EPSG global database Local grid models Geoid models
Languages	English Spanish French German Italian Chinese
Display unit	Any iPad® or iPad Pro® [1] Recommended: iPad Pro WiFi + Cellular Screen resolution: up to 2732 x 2048 pixels Storage capacity: up to 1 TB

iPad is a trademark of Apple Inc.; iOS is a registered trademark of Cisco in the US and is used by Apple under license

Download on the App Store

Instrument
Tech Specs

Radar technology	Stepped-frequency Continuous-Wave GPR
Modulated frequency range	40 – 3440 MHz
Effective bandwidth	3200 MHz
Min. detectable target size	1 cm | 0.4 in [2]
Max. time window	200 ns
Scan rate	500 Hz
Spatial interval	Up to 100 scans/m
Acquisition speed	Up to 80 Km/h | 50 mph [3]
GNSS receiver	Multiband GPS + Glonass + Galileo + Beidou SSR augmentation / NRTK-compatible [4] Dimensions: 145 x 145 x 70 mm Weight: 0.7 Kg, 4x AA-batteries included
GNSS real-time 3D accuracy	Typ. 1 - 5 cm | 0.5 - 2 in [5]
GNSS initialization time	Typ. 5 - 30 s
Wheel encoders	2
Configurations	Proceq GS8000 Lite Proceq GS8000 Pro [6]
Weight	24 Kg [7]
Dimensions	61 x 57 x 38 cm [8]
Antenna positions	Ground-coupled with dual-axis floating Air-coupled with 25 mm clearance [9]
Ingress protection (IP) / sealing	IP65
Power supply	Removable flight-safe battery pack [10] | Off-the-shelf power bank [11]
Autonomy	3.5 hours | Full working day [12]
Operating temperature	-10° to 50°C | 14° to 122° F
Operating humidity	<95% RH, non-condensing
Connectivity	WiFi, Ethernet, USB-A, USB-B, USB-C, Lemo [13]

1. Running an up-to-date iOS version; recommended models: iPad Pro® WiFi + Cellular 11" or 12.9"
2. Metallic object buried at 0.3 m / 1 ft, in average soil conditions
3. At 50 mm scan interval
4. Needs an active Internet connection on the iPad; SSR service available in Europe, USA, southern Canada, southeastern Australia and South Korea / NRTK corrections via NTRIP in RTCM3 format
5. Via NTRIP RTK or SSR corrections; the achieved accuracy is subject to atmospheric conditions, satellite geometry, observation time, etc.
6. GS8000 Pro includes additionally: off-road wheels and underbody, GNSS pole fixation kit, tablet cover for sun and rain, hard transportation case
7. For GS8000 Pro configuration: 27 Kg
8. For GS8000 Pro configuration: 68 x 60 x 42 cm
9. For GS8000 Pro configuration: 40 mm
10. Contains 8x rechargeable C-Type NiMH batteries
11. USB-C PD power bank with max. dimensions: W 85mm x H 28mm (recommended power: 12V/>=1.25A or 15V/>=1A)
12. Recommended battery capacity: >4500 mAh | Recommended power bank capacity: >20000 mAh
13. For terrestrial positioning systems, an intermediate serial adapter to DB9 might be needed to output Pseudo NMEA GGA positions

TRIMBLE S8 TOTAL STATION

KEY FEATURES

Trimble VISION video-assisted robotic measurement

Visual verification with data overlay and photo documentation

Trimble DR Plus for longer range and fewer setups

Specialized configuration options available



THE POWER TO EXCEL

Delivering major workflow innovations for both typical surveying and specialized applications, you now have the power to redefine your performance potential.

ADVANCED SURVEYING PERFORMANCE

For typical survey tasks, choose the 1" angle accuracy and exceptional EDM range of Trimble DR Plus™. Extend your reach on the job for increased production from fewer setups.

Trimble Business Center office software provides a complete range of processing and analysis tools. Together with the Trimble S8, you have the most comprehensive solution for general surveying available today.

- **Video-Assisted Control**
  Trimble VISION™ gives you the power to see everything the instrument sees without a trip back to the tripod. Direct your survey with live video images on the controller. Now you are free to capture measurements, to prism or reflectorless surfaces, with point-and-click efficiency.
- **Visual Verification**
  The on-board camera integrates surveyed data with the live scene image, so you can verify the work that you've done before leaving the job. Calibrated photo documentation provides customers with deliverables they know they can trust.

UNSURPASSED TOTAL STATION TECHNOLOGY

Trimble MagDrive™ Servo Technology provides for exceptional speed and accuracy with smooth, silent operation.

Trimble SurePoint™ Technology ensures accurate measurements by automatically correcting for unwanted movement due to wind, sinkage, and other factors.

SPECIALIZED ENGINEERING APPLICATIONS

For precision-build applications, you need a measurement solution with optimal speed, accuracy and reliability Combine the Trimble DR HP Precision EDM with your choice of angular accuracies and Trimble VISION or Long Range FineLock and you have the flexibility to tackle the most demanding projects.

Specialized modules in Trimble Access™ software such as Tunnels, Monitoring, or Mines provide dedicated workflows. Trimble 4D Control™ provides a comprehensive solution for the management of monitoring projects—both real time and post-processed—to rapidly detect critical structural movements.

- **Trimble FineLock™ Technology**
  Detect targets without interference from surrounding prisms for high precision applications in close quarters such as rail alignment, deformation monitoring, and tunneling applications. The Trimble Long-Range FineLock option extends this functionality to 2500 m with 1 cm accuracy.

OTHER ENGINEERING-SPECIFIC FEATURES

- Visually mark points, at greater range, in tunnels or undergound mines with the Class 3R Laser Pointer.
- **Automatic Servo Focus** sets the optical focus for quick manual aiming when monitoring points in DR mode – with Trimble Access.
- Silent, frictionless movement ensures unobtrusive operation in urban or residential settings.

TRIMBLE S8 CONFIGURATION OPTIONS

EDM	Servo Control	Angle Accuracy	Hardware Options	FineLock
DR HP	Servo only	0.5" or 1"	Tracklight	
	Robotic, Autolock	0.5" or 1"	Tracklight	o
			Trimble VISION	•
		1"	Long Range Finelock	•
			3R Laser Pointer	•
DR Plus	Robotic Only	1"	Trimble VISION	o
	Robotic, Autolock	1"	Long Range Finelock	•

KEY: • = Included o = optional

Trimble

DATASHEET

Trimble R12i

GNSS SYSTEM

KEY FEATURES

- Trimble® Inertial Platform™ (TIP) technology. Calibration-free and magnetically immune IMU-based tilt compensation for topo measurements and stakeout.
- Trimble ProPoint™ GNSS positioning engine. Engineered for improved accuracy and productivity in challenging GNSS conditions.
- 672-channel solution with Trimble 360 satellite tracking technology
- CenterPoint® RTX correction service delivers fast, RTK level accuracy worldwide via satellite/IP
- Trimble xFill® correction outage technology
- Optimized for Trimble Access™ field software
- Android™ and iOS platform support
- Cellular, Bluetooth®, Wi-Fi data connectivity
- Military-spec rugged design and IP-67 rating
- Ergonomic form factor
- All day battery with built-in status indicator
- 6 GB internal memory
- Supports augmented reality capabilities through Trimble SiteVision™

Learn more:
geospatial.trimble.com/R12i



Tilt Compensation

Trimble AR Ready

ATTACHMENT C

Certificate of Insurance

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 07/25/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	Prof. Risk Planners, Inc. 670 Old Willets Path Suite A Hauppauge NY 11788-	**CONTACT NAME:**	
		PHONE (A/C, No, Ext): (631)360-8800	**FAX (A/C, No):** (631)360-8875
		E-MAIL ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	**NAIC #**
		INSURER A : Berkley Insurance Company	32603
INSURED	Lece Corporation Nova Geophysical Services 56-01 Marathon Parkway #765 Douglaston NY 11362-	**INSURER B :** Standard Security Life	69078
		INSURER C : Valley Forge Insurance Co	20508
		INSURER D :	
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** [ ] CLAIMS-MADE [X] OCCUR X Professional/Poll GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	X	X	FEI-ECC-18390-06	11/13/2024	11/13/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$ 3,000,000 $ 50,000 $ 5,000 $ 3,000,000 $ 3,000,000 $ 3,000,000 $
A	**AUTOMOBILE LIABILITY** [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY	X	X	FEI-ECC-18390-06	11/13/2024	11/13/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$ 1,000,000 $ $ $ $
A	[ ] **UMBRELLA LIAB** X OCCUR X **EXCESS LIAB** [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $	X	X	FEI-EXS-26008-01	11/13/2024	11/13/2025	EACH OCCURRENCE AGGREGATE $	$ 1,000,000 $ 1,000,000 $
C	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC 585634886-	11/25/2024	11/25/2025	X PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
B	DISABILITY			R97368 -000-	01/01/2024	Continous	STATUTORY LIMITS	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Former Pratt Rafinery and Citi Storage Sites- 1602540 [Land & Water] and 1602541

Additional Insured: EA Engineering and Geology P.C., The State of New York, New York State Department of Environmental Conservation (NYSDEC), NYC and NYC Parks and Recs are as additionally insured along with waiver of subrogation.

Specific listing of THE CITY OF NEW YORK as additional insured, using the following language: THE CITY OF NEW YORK, including its officials and employees is named as an additional insured with respect to operations performed by the named insured at Former Pratt Rafinery". Coverage provided as required by written, executed contract per the terms, conditions and exclusions of the policies listed above.

CERTIFICATE HOLDER

HE CITY OF NEW YORK DEPARTMENT of PARKS & RECREATION
Attn: Construction Permits, Former Pratt Rafinery
Olmsted Center
Flushing Meadows – Corona Park
Flushing, New York 11368

CANCELLATION

AI 045829

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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Client#: 2117 CTMAL

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 7/28/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Amsure
31 Church Street - 4th Floor
PO Box 336
Saratoga Springs, NY 12866

CONTACT NAME: Shannon Newhouse
PHONE (A/C, No, Ext): 518-584-5300 **FAX (A/C, No):** 518-584-7306
E-MAIL ADDRESS: SNewhouse@amsureins.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : National Fire Insurance Co. of Hartford	20478
INSURER B : Continental Insurance Company	35289
INSURER C : Transportation Insurance Company	20494
INSURER D : Ohio Casualty Insurance Company	24074
INSURER E : Valley Forge Insurance Company	20508
INSURER F :	

INSURED
C.T. Male Associates Engineering,
Surveying, Architecture, Landscape
Architecture & Geology D.P.C.
50 Century Hill Drive, Latham, NY 12110

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY	X	X	7039885824	11/01/2024	11/01/2025	EACH OCCURRENCE	$1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$1,000,000
							MED EXP (Any one person)	$15,000
							PERSONAL & ADV INJURY	$1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$2,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$2,000,000
	OTHER:							$
E	AUTOMOBILE LIABILITY	X	X	7039885807	11/01/2024	11/01/2025	COMBINED SINGLE LIMIT (Ea accident)	$1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
B	X UMBRELLA LIAB X OCCUR	X	X	7039885810	11/01/2024	11/01/2025	EACH OCCURRENCE	$10,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$10,000,000
	DED X RETENTION $10,000							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N		X	WC739885838	11/01/2024	11/01/2025	X PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N	N / A					E.L. EACH ACCIDENT	$1,000,000
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$1,000,000
							E.L. DISEASE - POLICY LIMIT	$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Additional Insured/Waiver of Subrogation coverage shown above (and marked with an X) apply only when such coverage is required by written contract signed by the insured prior to a loss.
Project: Former Pratt Refinery and CitiStorage Sites - 1602540 (Land & Water) and 1602541 - EA Engineering and Geology P.C., The State of New York, New York State Department of Environmental Conservation (NYSDEC), NYC, NYC Parks and Recs & The City of New York, including its officials and employees are Additional
(See Attached Descriptions)

CERTIFICATE HOLDER
The City of New York Department
of Parks & Recreation
Attn: Construction Permits,
Former Pratt Refinery
OlstedCenter - Flushing Meadows
Corona Park, Flushing, NY 11368

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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DESCRIPTIONS (Continued from Page 1)

Insureds as respects to General Liability for ongoing and completed operations, Auto Liability and Umbrella Liability on a Primary and Non-Contributory basis when required by written contract for operations performed by the named insured at Former Pratt Refinery. A Waiver of Subrogation applies to General Liability, Auto Liability, Umbrella Liability and Workers Compensation when required by written contract. A 45-Day Notice of Cancellation applies to General Liability, Auto Liability, Umbrella Liability and Workers Compensation; excluding non-payment of premium. All coverage is contingent upon a written contract that is executed prior to any loss.

City of New York Department of Parks & Recreation
Permit to Perform Work on Park Property
P-CON-A-1.5

Commissioner

The Arsenal
Central Park
New York, NY 10065
www.nyc.gov/parks

Capital Projects

Olmsted Center
Flushing Meadows
Corona Park
Flushing, NY 11368

Permit# **B529.20250828**
Permittee: EA
333 W. Washington Street
Suite 300
Syracuse, NY 13202
Park Name: **Bushwick Inlet Park and more specifically the Former Pratt Refinery, Former Williamsburg MGP Site, and Citistorage**
Borough of **Brooklyn**

Start Date: 26 August 2025
End Date: 31 October 2025

Parks Interagency

Project Title or Purpose: Conduct Drilling, Monitoring Well and Soil Vapor Point Installation, and Sampling Activities

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This document constitutes a construction permit ("Permit") issued by the City of New York City ("City") Department of Parks & Recreation ("Parks") to **EA** ("Permittee") to perform surveying known as the **Conduct Drilling, Monitoring Well and Soil Vapor Point Installation, and Sampling Activities** from 26 August 2025 until 31 October 2025, (the "Term"), in the location known as Bushwick Inlet Park and more specifically the Former Pratt Refinery, Former Williamsburg MGP Site, and Citistorage as more particularly described on the attached map (hereinafter referred to as the "Permitted Premises" and shown in Attachment A).

1. Grant

A. This Permit grants Permittee a non-exclusive license to enter the Permitted Premises, subject to the terms and conditions of this Permit, for the limited purposes set forth herein. Permittee has no ownership interest in the Permitted Premises and shall have no rights with respect to the Permitted Premises except as set forth herein.

B. This Permit authorizes the following activities (hereinafter referred to as the "Work"):

i. Permittee to perform surveying in the Permitted Premises during the Term.

ii. Permittee Work shall be accordance with Attachment A.

iii. The Work will be performed by Permittee's subconsultants AARCO Environmental Services, LLC ("AARCO") as described in Attachment A. Permittee shall cause AARCO to be in compliance with all terms and conditions of this Permit.

iv. All work shall be in compliance and approval of the New York State Department of Environmental Conservation ("NYSDEC") scope requirements and regulations.

v. The plan is for EA to perform a single sampling events from a combination of existing and proposed monitoring wells. Samples will not be stored onsite overnight and will be shipped daily as generated. Monitoring wells will be abandoned in accordance with NYSDEC regulations upon site closure.

vi. The temporary drum staging areas will have a security fence and locked gate.

vii. The core "processing area" shall be used in connection with "core" removal, a 5-foot long 4-inch diameter sediment and soil sample extracted from the drilling process. An EA geologist will perform a visual inspection of the extracted sample, prepare a soil description for the

drilling log, and containerize some of that material for analytical laboratory analysis. Surplus material will be placed in drums for offsite disposal. The core "processing area(s)" is the location at the site where the inspection and sampling will occur and is identified on Attachment A.

2. General Prohibitions

A. Without separate, express written consent from Parks, Permittee is expressly prohibited from:

i. Occupying, using or in any way affecting Parks premises, systems or resources other than that within the Permitted Premises,

ii. Performing any activities within the Permitted Premises other than sampling,

iii. Using or connecting to any of Parks' utilities, including but not limited to water and electric service. Permittee must independently source its own utility service.

B. The express prohibitions of this Paragraph 2 do not limit or modify any other terms and conditions contained in the Permit.

3. Notifications

4. Permittee shall notify the North Brooklyn Parks Administrator at least twenty-four (24) hours before starting the Work. Conditions and Terms of Issuance

A. Permittee shall strictly adhere to all City, state and federal laws, rules and regulations, including but not limited to the Rules and Regulations of Parks. Parks does not approve or authorize any work or other activities except as set forth in this Permit or its attachments.

B. Permittee shall, at its sole cost and expense, restore and improve any City property damaged, disrupted or disturbed by the Work, or any other activities by the Permittee, whether or not such property lies within the Permitted Premises. Any such restoration and improvement is subject to the same terms and conditions as are the Work to Parks sole satisfaction and approval.

C. Permittee shall be responsible for its contractors, subcontractors, consultants, or any other party used by Permittee in connection with the performance of the Work. Permittee's contractors and subcontractors are bound by the terms and conditions of this Permit and Permittee shall be liable for any damages caused by Permittee's contractors and subcontractors.

5. Expiration, Termination, and Amendment of Permit

This Permit expires automatically on the Expiration Date and is terminable at will at the discretion of the Commissioner of Parks or their designee ("Commissioner") upon twenty-four (24) hours' notice to Permittee. Extension requests must be made in writing five (5) days prior to the Expiration Date. Parks reserves the right to amend this Permit at any time to cover new conditions.

6. Coordination

A. In the event that, during the progress of the Work, Parks authorizes parties other than the Permittee ("Authorized Others") to use the Permitted Premises, Permittee shall coordinate the Work with Authorized Others' activities and shall fully cooperate with and carefully coordinate its own Work with Authorized Others' activities as may be directed by the Commissioner. Permittee shall not commit or permit any act which will interfere with the Authorized Others' activities.

B. If the Commissioner determines that Permittee is failing to coordinate its Work with the activities of Authorized Others as directed by Parks, then the Commissioner shall have the right to terminate the Permit and recover damages, including liquidated damages, from the Permittee until Permittee fully complies with such directions.

C. Permittee shall notify the Commissioner in writing if any Authorized Others fail to coordinate their activities with the Permittee's Work. If the Commissioner finds such charges to be true, the Commissioner shall promptly issue directions to such Authorized Others as the situation may require. The City shall not, however, be liable for any damages suffered by Permittee for any Authorized Others' failure to coordinate their activities with the Work or by reason of the Authorized Others' failure to promptly comply with the directions so issued by the Commissioner, or by reason of any Authorized Others' default in performance, it being understood that the City does not guarantee the responsibility or continued efficiency of any party. Permittee agrees to make no claim against the City for any damages relating to or arising out of any directions issued by the Commissioner pursuant to this Paragraph 6 (including but not limited to the failure of any Authorized Others to comply or promptly comply with such directions), or the failure of the Commissioner to issue any directions, or the failure of any Authorized Others to coordinate their work, or the default in performance of any Authorized Others.

7. Other Agencies and Authorities

A. This Permit is issued for lands under the jurisdiction of Parks. Permittee shall be responsible for securing any and all other permits required to perform any of the Work.

B. The Work shall be open at all times to the reasonable inspection of all agencies and authorities involved in the permitting process for the Work as well as all agencies with applicable oversight authority over any portion of the Work.

8. Access and Use Requirements

A. Permittee shall not commence the Work until all required permits and approvals have been obtained from all appropriate agencies and authorities.

B. For any questions regarding the Permitted Premises, Permittee shall contact the North Brooklyn Parks Administrator.

C. Access to the Permitted Premises shall be via Parks' Roads and Paths unless otherwise approved by Parks or any other agency with jurisdiction over adjacent routes.

D. Permittee shall maintain all areas used for access to the Permitted Premises, as well as any staging areas, in a condition acceptable to Parks.

E. Permittee shall not permit debris to accumulate anywhere on the Permitted Premises and shall clean up the Permitted Premises on a regular basis during the Permit Term. Permittee is required to remove food waste from Permitted Premises daily.

F. Permittee shall use refuse receptacles of a capacity which has been determined by Parks to not be detrimental to the access roads and paths leading to the Permitted Premises.

G. Permittee shall not park private vehicles on Parks' property.

H. Emergency vehicles must always have access through the Permitted Premises.

9. Maintenance and Restoration of Site

A. Permittee shall, at its sole cost and expense, completely replace and restore to their pre-Work conditions or better all Parks property and systems, including but not limited to planted areas, trees, shrubs, existing structures or substructures, utility lines, roads, walks and curbs, that are damaged or destroyed by Permittee, whether in or outside the Permitted Premises to Parks sole satisfaction and approval.

B. Such replacement or restoration work must comply with all applicable laws, rules, and regulations, be completed within the deadline reasonably established by the Commissioner and be approved by Parks' Construction and Forestry Divisions. All replacement and restoration work shall be

performed at the direction and to Parks sole satisfaction and approval, and unless otherwise directed by Parks, reference Parks' standard specifications and details.

C. Upon the expiration or sooner termination of this Permit, all temporary structures, equipment and material belonging to Permittee shall be removed from the Permitted Premises.

D. Guarantee All materials used to restore the Permitted Premises, subject to settlement, which remain on the Permitted Premises upon the expiration of this Permit shall be maintained and guaranteed by Permittee for a period of one year after the final inspection and acceptance by the Parks.

E. Supervision. Permittee shall have qualified supervisory personnel present at the Permitted Premises during all phases of the restoration to ensure that Permittee adheres to all Parks' specifications.

F. Final Inspection. Permittee shall notify Parks after the Permit Term when the Permitted Premises is ready for final inspection to certify that Permittee has restored the Permitted Premises in accordance with the terms of this Permit. Barricaded areas must be inspected by Parks prior to the removal of any barricades.

G. Allowable Work Hours. All work shall be performed on weekdays between the hours of 7am and 6pm and in accordance with Sections 24-222 and 24-223 of the Administrative Code of the City of New York (the "Code"). No Work other than for emergencies, or as otherwise authorized in the Code, or as required by the City or its appropriate agency is to be performed on Parks property before 7am or after 6pm on weekdays and/or on Saturdays, Sundays or Holidays, except by written permission from Parks and in compliance with all City, state and federal laws and the Parks Rules and Regulations. If work is to be performed after hours, Parks must receive a certification from the Permittee that the Permittee has developed a Noise Mitigation Plan in accordance with the Code. Details on citywide allowable hours of work can be found at: https://www1.nyc.gov/assets/dep/downloads/pdf/air/noise/noise-code-full-version.pdf.
In the event there is a conflict between a provision in this permit and the Code, the Code takes precedence.

H. Safety Devices. Barricades, warning devices, signs, flags, lights, shall be provided and maintained as required to insure public safety. Permittee is responsible for the adequacy of the safety devices. Permittee shall, upon direction by Parks, vary and/or increase the safety devices installed on the Permitted Premises. Permittee shall maintain any such devices in good condition throughout the duration of this Permit.

I. Regardless of prior existing conditions at the Permitted Premises, all Work and restoration must be performed at a level consistent with standard construction procedures for new work.

10. Modifications/Choice of Laws/Venue

A. This Permit constitutes the whole of the agreement between the parties hereto, and no other representation made heretofore shall be binding upon the parties hereto. No modification to this Permit shall be valid unless in writing, signed by the parties hereto. Waiver of any breach or default of any provision hereof shall not be deemed a waiver of any subsequent breach of the same or other provision. This Permit shall be deemed to be executed in New York City, State of New York, regardless of the domicile of the Licensee and shall be governed by and construed in accordance with the laws of the State of New York.

B. The parties agree that any and all claims asserted by or against the City arising under or related to this Permit shall solely be heard and determined either in the courts of the United States located in the City or in the courts of the State located in the City and County of New York. The parties shall consent to the dismissal and/or transfer of any claims asserted in any other venue or forum to the proper venue or forum. If Permittee initiates any action in breach of this Permit, Permittee shall be

responsible for and shall promptly reimburse the City for any attorneys' fees incurred by the City in removing the action to a proper court consistent with this Permit.

11. Liability

A. To the fullest extent of permitted by law, Permittee shall defend, indemnify and hold the City and its officials and employees harmless against any and all claims, liabilities, settlements, damages, costs and expenses of whatever nature (including, without limitation, attorneys' fees and disbursements) arising out of or related to any of the operations in connection with this Permit, or Permittee's failure to comply with the law or any of the requirements of this Permit. Insofar as the facts or law relating to any of the foregoing would preclude the City or its officials and employees from being completely indemnified by Permittee, the City and its officials and employees shall be partially indemnified by Permittee to the fullest extent permitted by law.

B. Copyrights and Patents: To the fullest extent of the law, Permittee shall indemnify, defend, and hold the City and its officials and employees harmless against any and all claims, liabilities, settlements, damages, costs and expenses of whatever nature (including, without limitation, attorneys' fees and disbursements), against any of them for infringement or violation of any copyright, patent, trademark, service mark, trade dress, rights of publicity, or other intellectual or proprietary right, or any other property or personal right of any third party, in each case arising out of the use for the purpose of this Permit of any plans, designs, drawings or specifications furnished by Permittee in the performance of this Permit.

C. These indemnification provisions shall survive the termination or expiration of this Permit. These indemnification provisions shall not be limited in any way by any other provision of this Permit.

D. Permittee's construction and restoration activities shall be performed in such manner that the stability of the existing and adjacent areas is not disturbed. Permittee shall be responsible for any damage caused to adjacent Parks areas or appurtenances which result from performance of the Work or the Restoration Work.

12. Insurance

A. Types of Insurance. From the date Permittee is required to provide Proof of Insurance pursuant to Section 12(C) below through the date of completion of all required Work, Permittee, its Contractors and Subcontractors shall maintain the following types of insurance as indicated herein (with the minimum limits and special conditions specified in Section 12(H)):

i. Commercial General Liability Insurance: Permittee shall maintain a Commercial General Liability ("CGL") insurance policy or policies (including umbrella or excess policies, if any) satisfying the requirements of this Section 12. This insurance shall protect the insureds from claims for property damage and/or bodily injury, including death that may arise from any of the operations under this Permit. Coverage shall be at least as broad as that provided by the most recently issued Insurance Service Office ("ISO") Form CG 0001. Such CGL insurance shall name "City of New York, together with its officials and employees," as an Additional Insured with coverage at least as broad as the most recent edition of ISO Form CG 2026. Such CGL insurance shall be primary and non-contributing to any insurance or self-insurance maintained by the City and must be "occurrence" based rather than "claims-made".

ii. Workers' Compensation, Employers' Liability, and Disability Benefits Insurance: Permittee maintain, and ensure that each Contractor and Subcontractor maintain, Workers Compensation, Employers' Liability, and Disability Benefits Insurance as required by New York law.

iii. Comprehensive Business Automobile Liability Insurance: Permittee shall maintain Comprehensive Business Automobile Liability insurance for liability arising out of any owned,

non-owned, leased and hired vehicles to be used in connection with this Permit. Coverage should be at least as broad as the most recent edition of ISO Form CA0001.

iv. Pollution/Environmental Liability Insurance: Permittee and subcontractor shall provide Pollution/Environmental Liability Insurance covering bodily injury and property damage, including loss of use of damaged property or of property that has not been physically injured. Such insurance shall provide coverage for actual, alleged or threatened emission, discharge, dispersal, seepage, release or escape of pollutants, including any loss, cost or expense incurred as a result of any cleanup of pollutants or in the investigation, settlement or defense of any claim, suit, or proceedings against the City arising from Permittee's operations under this Permit. Such insurance shall name and list the City as an Additional Insured. Coverage for the City as Additional Insured shall specifically include the City's officials and employees.

v. United States Longshoremen's and Harbor Workers Act and/or Jones Act Insurance: Permittee shall provide insurance in accordance with the United States Longshoremen's and Harbor Workers Act and/or the Jones Act, on behalf of all qualifying employees providing services under this Permit.

vi. Marine Protection and Indemnity Insurance: The Permittee shall maintain, or cause the Subcontractor doing such Work to maintain, Marine Protection and Indemnity Insurance with coverage at least as broad as Form SP-23. The insurance shall provide coverage for the Permittee or Subcontractor (whichever is doing this Work) and for the City (together with its officials and employees) and any other entity specified herein as an Additional Insured for bodily injury and property damage arising from marine operations under this Permit. Coverage shall include, without limitation, injury or death of crew members (if not fully provided through other insurance), removal of wreck, damage to piers, wharves and other fixed or floating objects and loss of or damage to any other vessel or craft, or to property on such other vessel or craft.

vii. Marine Pollution Liability Insurance: The Permittee shall maintain, or cause the Subcontractor doing such Work to maintain, Marine Pollution Liability Insurance covering itself (or the Subcontractor doing such Work) as Named Insured and the City (together with its officials and employees) and any other entity specified herein as an Additional Insured. Coverage shall be at least as broad as that provided by the latest edition of Water Quality Insurance Syndicate Form and include, without limitation, liability arising from the discharge or substantial threat of a discharge of oil, or from the release or threatened release of a hazardous substance including injury to, or economic losses resulting from, the destruction of or damage to real property, personal property or natural resources.

B. General Requirements for Insurance Policies:

i. All required insurance policies shall be maintained with companies that may lawfully issue the required policy and have an A.M. Best rating of at least A- VII or a Standard and Poor's rating of at least A, unless prior written approval is obtained from the Mayor's Office of Operations.

ii. Permittee (or its contractors) shall be solely responsible for the payment of all premiums for all required policies and all deductibles and self-insured retentions to which such policies are subject, whether or not the City is an insured under the policy.

iii. The City's limits of coverage for CGL insurance shall be the greater of

a) the minimum limits set forth in Section 12(H) or

b) the limits provided to Permittee as Named Insured under all primary, excess and umbrella policies of that type of coverage.

C. Proof of Insurance:

i. Before any Work pursuant to this Permit begins, Permittee shall, for each policy required under this Permit, except for Workers Compensation, Employers Liability and Disability Benefits Insurance, file a Certificate of Insurance with the Commissioner pursuant to 13(I).

ii. All Certificate(s) of Insurance shall be in a form reasonably acceptable to the City and shall certify the issuance and effectiveness of the types of insurance specified in Section 12(A) and 12(H) and be accompanied by either a duly executed "Certification by Broker or Agent" in the form contained in Section 12(I) or completed copies of all policies referenced in the Certificate of Insurance. Where completed policies have not yet been issued, binders are acceptable.

iii. Certificates of Insurance confirming renewals of insurance shall be submitted to the Commissioner prior to the expiration date of coverage of policies required under this Permit. Such Certificates of Insurance shall comply with the requirements of this Section 13.

iv. Permittee shall be obligated to provide the City with a copy of any policy required by this Section 12 upon the demand for such policy by the Commissioner or the New York City Law Department.

D. Operations of Permittee:

i. Permittee shall not commence the Work unless and until all required certificates have been submitted to and accepted by the Commissioner. Acceptance by the Commissioner of a certificate hereunder does not excuse Permittee from securing a policy consistent with all provisions of this Section or of any liability arising from its failure to do so.

ii. Permittee shall be responsible for providing continuous insurance coverage in the manner, form, and limits required by this Permit and shall be authorized to perform Work only during the effective period of all required coverage.

iii. In the event that any of the required insurance policies lapse, are revoked, suspended or otherwise terminated, for whatever cause, Permittee shall immediately stop all Work, and shall not recommence the Work until authorized in writing to do so by the Commissioner.

iv. Where notice of occurrence, accident, claim or suit is required under a policy maintained in accordance with this Section 12, Permittee shall notify in writing all insurance carriers that issued potentially responsive policies of any such event relating to any operations under this Permit (including notice to Commercial General Liability insurance carriers for events relating to Permittee's or its Contractors' employees) no later than 20 days after such event. For any policy where the City is an additional insured, such notice shall expressly specify that "this notice is being given on behalf of the City of New York as Insured as well as the Named Insured." Such notice shall also contain the following information: the number of the insurance policy, the name of the named insured, the date and location of the damage, occurrence, or accident, and the identity of the persons or things injured, damaged or lost. Permittee shall simultaneously send a copy of such notice to the City of New York c/o Insurance Claims Specialist, Affirmative Litigation Division, New York City Law Department, 100 Church Street, New York, New York 10007.

E. Wherever reference is made in this Section 12 to documents to be sent to the Commissioner (e.g., notices, filings, or submissions), such documents shall be sent to the address set forth in Section 17.

F. Materiality/Non-Waiver: Permittee's failure to secure policy(ies) in complete conformity with this Section, or to give the Insurance Company timely notice of any sort required in this Permit on behalf of the City, or to do anything else required by this Section 12 shall constitute a material

breach of this Permit. Such breach shall not be waived or otherwise excused by any action or inaction by the City at any time.

G. Other Remedies: Insurance coverage in the minimum amounts provided for herein shall not relieve Permittee of any liability under this Permit, nor shall it preclude the City from exercising any rights or taking such other actions as are available to it under any other provisions of this Permit or as otherwise provided by law.

H. Insurance Schedule

Types of Insurance	**Minimum Limits and Special Conditions**
Workers' Compensation, Employer's Liability, and Disability Insurance	Per Statutory Limits as required by the laws of the State of New York
Commercial General Liability	$1,000,000 per occurrence, $2,000,000 aggregate. Additional Insureds: 1) City of New York, including its officials and employees, **with coverage at least as broad as ISO Form CG 2026**
Comprehensive Business Auto Coverage	$1,000,000 per accident
Pollution/Environmental Liability	$1,000,000 per occurrence, $2,000,000 aggregate. Additional Insureds: 1) City of New York, including its officials and employees
Jones Act U.S. Longshoremen's and Harbor Workers Compensation Act	Jones Act and U.S. Longshoremen's and Harbor Workers' Compensation Act: Statutory per U.S. law.
Marine Protection and Indemnity	$1,000,000 per occurrence, $2,000,000 aggregate. Additional Insureds: 1) City of New York, including its officials and employees,
Marine Pollution Liability	$1,000,000 per occurrencet

I. Certificates of Insurance

All certificates of insurance (except certificates of insurance solely evidencing Workers' Compensation Insurance, Employer's Liability Insurance, and/or Disability Benefits Insurance) must be accompanied by one of the following:

(1) the Certification by Insurance Broker or Agent on the following page setting forth the required information and signatures;

-- OR --

(2) copies of all policies as certified by an authorized representative of the issuing insurance carrier that are referenced in such certificate of insurance. If any policy is not available at the time of submission, certified binders may be submitted until such time as the policy is available, at which time a certified copy of the policy shall be submitted.

Form of Certificate appears on the following page.

CITY OF NEW YORK

CERTIFICATION BY INSURANCE BROKER OR AGENT

The undersigned insurance broker or agent represents to the City of New York that the attached Certificate of Insurance is accurate in all material respects.

_____
[Name of broker or agent (typewritten)]

_____
[Address of broker or agent (typewritten)]

_____
[Email address of broker or agent (typewritten)]

_____
[Phone number/Fax number of broker or agent (typewritten)]

_____
[Signature of authorized official, broker, or agent]

_____
[Name and title of authorized official, broker, or agent (typewritten)]

State of …….)
) ss.:
County of …….)

Sworn to before me this _____ day of _____ 20___

_____

NOTARY PUBLIC FOR THE STATE OF _____

13. Independent Contractors, No Assignment

The parties to this Permit shall be independent contractors, and nothing herein shall be deemed to make the parties hereto joint venturers, partners, agent/principal or otherwise. This Permit shall not be assignable without the other party's prior written consent.

14. Investigations

A. The parties to this Permit shall cooperate fully and faithfully with any investigation, audit or inquiry conducted by a State of New York ("State") or City governmental agency or authority that is empowered directly or by designation to compel the attendance and to examine witnesses under oath or conducted by the Inspector General of a governmental agency that is a party in interest to the transaction, submitted bid, submitted proposal, contract, lease, permit, or license that is the subject of the investigation, audit or inquiry.

B.

i. If any person who has been advised that his or her statement and any information from such statement will not be used against him or her in any subsequent criminal proceeding refuses to testify before a grand jury or other governmental agency or authority empowered directly or by designation to compel the attendance of witnesses and to examine witnesses under oath concerning the award of or performance under any transaction, agreement, lease, permit, contract or license entered into with City, State or any political subdivision or public authority thereof, or the Port Authority of New York and New Jersey, or any local development corporation within City, or any public benefit corporation organized under the laws of the State of New York; or

ii. If any person refuses to testify for a reason other than the assertion of his or her privilege against self-incrimination in an investigation, audit or inquiry conducted by a City or State governmental agency or authority empowered directly or by designation to compel the attendance of witnesses and to take testimony under oath, or by the Inspector General of the governmental agency that is a party in interest and is seeking testimony concerning the award of or performance under any transaction, agreement, lease, permit, contract or license entered into with City, State or any political subdivision thereof or any local development corporation within the City; then

C.

i. The commissioner or agency head whose agency is a party in interest to the transaction, submitted bid, submitted proposal, contract, lease, permit or license shall convene a hearing, upon not less than five days written notice to the parties involved to determine if any penalties should attach for the failure of a person to testify.

ii. If any non-governmental party to the hearing requests an adjournment, the commissioner or agency head who convened the hearing may, upon granting the adjournment, suspend any contract, lease, permit or license pending the final determination pursuant to paragraph (e) below with City incurring any penalty or damage for delay or otherwise.

D. The penalties which may attach after a final determination by the commissioner or agency head may include, but not exceed:

i. The disqualification for a period not to exceed five years from the date of an adverse determination for any person or entity of which such person was a member at the time the testimony was sought from submitting bids for, transacting business with or entering into or obtaining any contract, lease, permit or license with or from City; and/or

ii. The cancellation or termination of any and all such existing City contracts, leases, permits or

licenses that the refusal to testify concerns and that have not been assigned as permitted under this Permit, nor the proceeds of which pledged, to an unaffiliated and unrelated institutional lender for fair value prior to the issuance of the notice scheduling the hearing, without the City incurring any penalty or damages on account of such cancellation or termination; monies lawfully due for goods delivered, work done, rentals, or fees accrued prior to the cancellation or termination shall be paid by City.

E. The commissioner or agency head shall consider and address in reaching his or her determination and in assessing an appropriate penalty the factors in sub paragraphs (i) and (ii) below. He or she may also consider, if relevant and appropriate, the criteria established in sub-paragraphs (iii) and (iv) below in addition to any other information which may be relevant and appropriate:

i. The party's good faith endeavors or lack thereof to cooperate fully and faithfully with any governmental investigation or audit including, but not limited to, the discipline, discharge or disassociation of any person failing to testify, the production of accurate and complete books and records and the forthcoming testimony of all other members, agents, assignees or fiduciaries whose testimony is sought.

ii. The relationship of the person who refused to testify to any entity that is a party to the hearing, including, but not limited to, whether the person whose testimony is sought has an ownership interest in the entity and/or the degree of authority and responsibility the person has within the entity.

iii. The nexus of the testimony sought to subject entity and its contracts, leases, permits or licenses with City.

iv. The effect a penalty may have on an unaffiliated and unrelated party or entity that has a significant interest in an entity subject to penalties under paragraph (d) above, provided that the party or entity has given actual notice to the commissioner or agency head upon the acquisition of the interest, or at the hearing called for in paragraph (c) (i) above gives notice and proves that such interest was previously acquired. Under either circumstance the party or entity must present evidence at the hearing demonstrating the potential adverse impact a penalty will have on such person or entity.

F.

i. The term "license" or "permit" as used herein shall be defined as a license, permit, franchise or concession not granted as a matter of right.

ii. The term "person" as used herein shall be defined as a natural person doing business alone or associated with another person or entity as a partner, director, officer, principal or employee.

iii. The term "entity" as used herein shall be defined as any firm, partnership, corporation, association or person that receives monies, benefits, licenses, leases or permits from or through City or otherwise transacts business with the City.

iv. The term "member" as used herein shall be defined as any person associated with another person or entity as a partner, director, officer, principal or employee.

G. In addition to and notwithstanding any other provision of this Permit the commissioner or agency head may in his or her sole discretion, terminate this Permit upon not less than three days written notice in the event Permittee fails to promptly report in writing to the Commissioner of Investigation of the City of New York any solicitation of money, goods, requests for future employment or other benefit or thing of value, by or on behalf of any employee of the City or other person, firm, corporation or entity for any purpose which may be related to the procurement or obtaining of this Permit by the Permitee, or affecting the performance of this Permit.

15. Notices

All notices to Parks shall be sent to the following addresses:

New York City Parks & Recreation
Counsel's Office
The Arsenal
830 Fifth Avenue
New York, NY 10065

Director, Interagency Coordination
& Construction Permits
The Olmsted Center
117-02 Roosevelt Avenue
Flushing, NY 11368

All notices to Permittee shall be sent to following address:

EA
333 W. Washington Street
Suite 300
Syracuse, NY 13202

16. Safety Standards

All installed products, materials and equipment installed must meet the reasonable safety standards of their respective industries.

17. No Cost

All the Work performed in connection with this Permit shall be at no cost to the City or Parks.

18. Assignment

Permittee shall not assign, transfer, convey or otherwise dispose of this Permit or of Permittee's rights, obligations, duties, in whole or in part, in connection with this Permit, unless the prior written consent of Parks shall be obtained, which consent shall not be unreasonably withheld or delayed. Any such assignment, transfer, conveyance or other disposition without such consent shall be void.

19. Merger

This written Permit contains all the terms and conditions agreed upon by the parties hereto, and no other permit, agreement, oral or otherwise, regarding the subject matter of this Permit shall be deemed to exist or to bind any of the parties hereto, or to vary any of the terms contained herein.

20. Modification

No modification, amendment, waiver or release of any provision of this Permit or of any right, obligation, claim or cause of action arising hereunder shall be valid or binding for any purpose unless in writing and duly executed by both parties to this Permit.

21. Protection of Property

Permittee assumes the risk of, and shall be responsible for, any loss or damage to property of the City of New York, involved in the Work performed in connection with this Permit, and caused, either directly or indirectly, by the acts, conduct, omissions or lack of good faith of Permittee, or his or her officers, managerial personnel and employees, or any person, firm, company, agency or others engaged by the Permit as expert, consultant, specialist or subcontractor hereunder.

The rights and remedies of the City provided herein shall not be exclusive and are in addition to any other rights and remedies provided by law or by this Permit.

22. Liquidated Damages

A. If Permittee fails to vacate the Permitted Premises or leave the Permitted Premises in the condition required by this permit by the Expiration Date, Permittee shall be liable for liquidated damages in

the cash amount of $1,000.00 per day for every calendar day or part thereof that such failure continues.

B. Permittee acknowledges that said cash amount is reasonable in proportion to the probable damages likely to be sustained by the City for Permittee's failure to vacate the Permitted Premises by the Termination Date or leave the Permitted Premises in the condition required by the Permit.

C. Permittee acknowledges that the amount of actual damages for the loss of use of property sustained by City in the event of such failure is incapable of precise estimation, that the payment of such cash amount by Permittee would not result in severe economic hardship for Permittee, and that such payment does not constitute a penalty or punitive damages for any purposes.

D. Permittee acknowledges that such liquidated damages compensate the City solely for the lost or impaired use of its property and are separate from and in addition to Permittee's liability to compensate the City for any other damages it may have caused.

E. Such liquidated damage amounts due and unpaid by Permittee shall constitute a lien on any property owned by Permittee.

F. This paragraph survives the Expiration Date or of this Permit or any earlier termination by Parks.

23. Publication

Permittee shall not publicize and/or circulate promotional material regarding this Permit, or the Work without the prior written consent from Parks.

24. Survey Results

The results and/or findings of the survey shall be used solely by Permittee for the purposes of the Work. Such results and/or findings may be disclosed only to those persons required by law and/or necessary to perform and complete the work. Permittee shall furnish a copy of the surveys to Parks within five (5) days of Permittee's receipt of same. Permittee shall provide copies of the results and/or findings with the New York State Department of Environmental Conservation.

CITY OF NEW YORK / PARKS & RECREATION

Signed: _____

Accepted and agreed on behalf of:

EA :

(Permittee)

Signature: Donald Conan

Print: Donald Conan

Title: Vice President

Date: 8-28-25

NYC Parks Construction Permit B529.20250828 Attachment A

333 W. Washington Street
Suite 300
Syracuse, New York 13202
Telephone: 315-431-4610
www.eaest.com

20 August 2025

Ms. Deborah Howe
Principal Senior Counsel
Capital Projects
NYC Parks
Olmsted Center
Flushing Meadows Corona Park
Flushing, NY 11368

RE: Revised Application for Site Access to Conduct Drilling, Monitoring Well and Soil Vapor Point Installation, and Sampling Activities
Former Pratt Refinery Site (NYSDEC Site No. 224402)
CitiStorage Site (NYSDEC Site No. 224341)
Brooklyn, Kings County, New York

Dear Ms. Howe:

EA is supporting New York State DEC in executing environmental work at the referenced sites.

1. **Table 1. Location of the work**

Property Description	Borough - Brooklyn (30)		Location
	Block	Lot	
Former Pratt Refinery	2277	1	Immediately South of Bushwick Inlet and North of 12th Street
Former Williamsburg MGP Site	2287	30	South of 12th Street and North of 11th Street
		16	
		1	
CitiStorage (part of former Pratt Operations)	2294	1	South of 11th Street and North of 10th Street
		5	

2. **Dates and Duration:**
Start on August 25th – Estimated 60 days

3. **Proposed Activities**
EA's overall site activities are summarized below and associated equipment are presented in Attachment B. Contractor will select equipment that will minimize impact to NYC Parks property and restore in kind.

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- **Surface water/outfall sampling if present**
  - If seepage or discharge is observed through outfalls or conduits draining into Bushwick Inlet (AOI 1), EA will collect surface water/outfall samples. Surface water samples will be collected with dedicated sampling cups, vessels, or through tubing.
- **Sediment boring installation and sediment sampling**

Up to 12 sediment borings will be advanced in Bushwick Inlet (AOI 1) by EA's subcontractor under the full-time supervision of an EA geologist to a maximum depth of 60 feet below the mudline using sonic drill rig. See **Table 2** and **Figure 3**.

Table 2. Proposed Sediment Boring Locations

Location	Number of Sediment Borings	Depth (feet)	Total Boring (linear feet)
Bushwick Inlet	12	60	720

- **Soil boring installation and soil sampling**

Prior to field activities, EA's subcontractor will contact Dig Safely New York so that public utilities may be marked out.

Up to 23 soil borings and 1 surface sample will be advanced at the AOIs by the drilling subcontractor under the full-time supervision of an EA geologist using a sonic drill rig (**Table 3 and Figure 3**). Up to 12 borings will be advanced to the anticipated depths and converted to monitoring wells.

Table 3. Proposed Surface Soil and Soil Boring Locations

AOI	Number of Surface Soil/Soil Borings	Depth (feet)	Number of Monitoring Wells (2-inch)	Number of Permanent Soil Vapor Points (up to 6 feet)	Total Boring (linear feet)
Former Pratt Refinery (AOI 2)	6	70	0	6	481
	2	30	2		
	1	0.5	0		
Williamsburg Former MGP (AOI 3)	4	70	0	0	360
	1	80	0	0	
CitiStorage (AOI 4)	5	30	5	6	500
	5	70	5		
Total	**24**	**270**	**12**	**12**	**1,341**

Notes:
Two soil vapor points, each from CitiStorage (AOI 4) and Former Pratt Refinery (AOI 2) will be installed along Kent Avenue adjacent to the AOIs.
Total boring depth does not include drilling for soil vapor point installation.
AOI = area of interest
MGP = Manufactured gas plant

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EA's subcontractor will hand clear (or soft dig) each soil boring location to 5 feet bgs to confirm no utility interferences exist at each location. If any obstructions are encountered during hand-clearing activities, the borehole will be properly abandoned (filled in with original excavated material and resurfaced with the same material as the surrounding surface), and a new location will be hand-cleared a few feet from the abandoned borehole location. After a given borehole has been hand-cleared, the soil boring will be advanced using a track-mounted drill rig utilizing sonic drilling methods to advance the borehole.

In general, EA will sample four interval during soil boring sampling: One surface, two subsurface (one of the two at the groundwater interface), and one bottom sample.

Drill cuttings will be containerized, handled, and stored in roll-off containers (assumed one each at AOI 2 and AOI 4) and solid Investigation-Derived Waste (IDW) will be disposed of based on waste characterization results. Water used during drilling will be containerized, handled, and stored in frac tanks (assumed one each at AOI 2 and AOI 4) to be delivered by EA's IDW disposal subcontractor. IDW water will be disposed of based on waste characterization results and transported to the accepting waste facility by EA's IDW disposal subcontractor.

- **Monitoring Well Development**

Monitoring well development will be conducted for each newly installed monitoring well (**Figure 3**) using surge and pump techniques. Newly installed monitoring wells will be developed no sooner than 48 hours but no longer than 7 calendar days following installation.

- **Groundwater Gauging and Sampling**

Static water levels (synoptic gauging event) and well depths will be gauged prior to purging/ sampling with an interface probe and well headspace will be screened with a PID prior to the start of purging. The date, time, well number, headspace readings, and gauging data will be recorded in the field log.

Following gauging activities, groundwater at AOIs 2, 3, and 4 will be sampled at both existing and newly installed monitoring wells using a peristaltic pump. EA field staff will be responsible for collecting groundwater samples from each newly installed well and existing monitoring well (28 wells total) using low-flow sampling techniques.

- **Soil Vapor Point Installation and Sampling**

Up to 12 soil vapor points (SVPs) locations will be installed to an approximate depth of 5 to 6 feet bgs where possible to install the point 3 feet above the saturated zone to allow for tidal fluctuations. It is expected that the shallow groundwater table and tidal influence may result in field adjustments or shallow SVPs, particularly near the East River and Bushwick Inlet. Therefore, depth of each point may vary with soil conditions and depth to water.

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A 2-inch diameter soil boring will be installed at each location using a geoprobe, and the vapor probe will be set-in the open borehole. SVPs will be allowed to cure for a minimum of 24 hours prior to sampling. A shut-in test will be performed prior to sample collection to check the sample train for leaks.

SVPs will be sampled with 6-liter Summa® canisters for VOCs

- **Decontamination Procedures and Investigation-Derived Waste**

Non-dedicated drilling equipment and tools will be decontaminated prior to, between each drilling location, and prior to departure at the end of site work using steam-cleaning methods. A temporary decontamination pad will be constructed at the laydown area (e.g., plastic sheeting). EA's subcontractor will also be required to contain and manage any liquids used for drilling to the extent practicable to prevent runoff of IDW. EA's subcontractor will stage drums, a frac tank, and a roll-off container at a centrally located laydown area to be determined by EA, and EA will ensure drums are labeled and secured. EA's subcontractor will be responsible for transporting drill cuttings, drilling fluid, impacted materials, and decontamination water to the central IDW staging area. Materials contaminated with NAPL/oil/tar will be containerized and disposed of in 55-gallon Department of Transportation-approved drums.

4. **Contractors executing the work**
    a. AARCO

Please let us know if you need any additional information

Sincerely yours,

EA ENGINEERING AND GEOLOGY, P.C.

Kritika Thapa
Project Manager

Attachments:

A: Figures

Figure 1 – All Sampling Locations

B: Equipment Make and Model

8140 LC Sonic Rig

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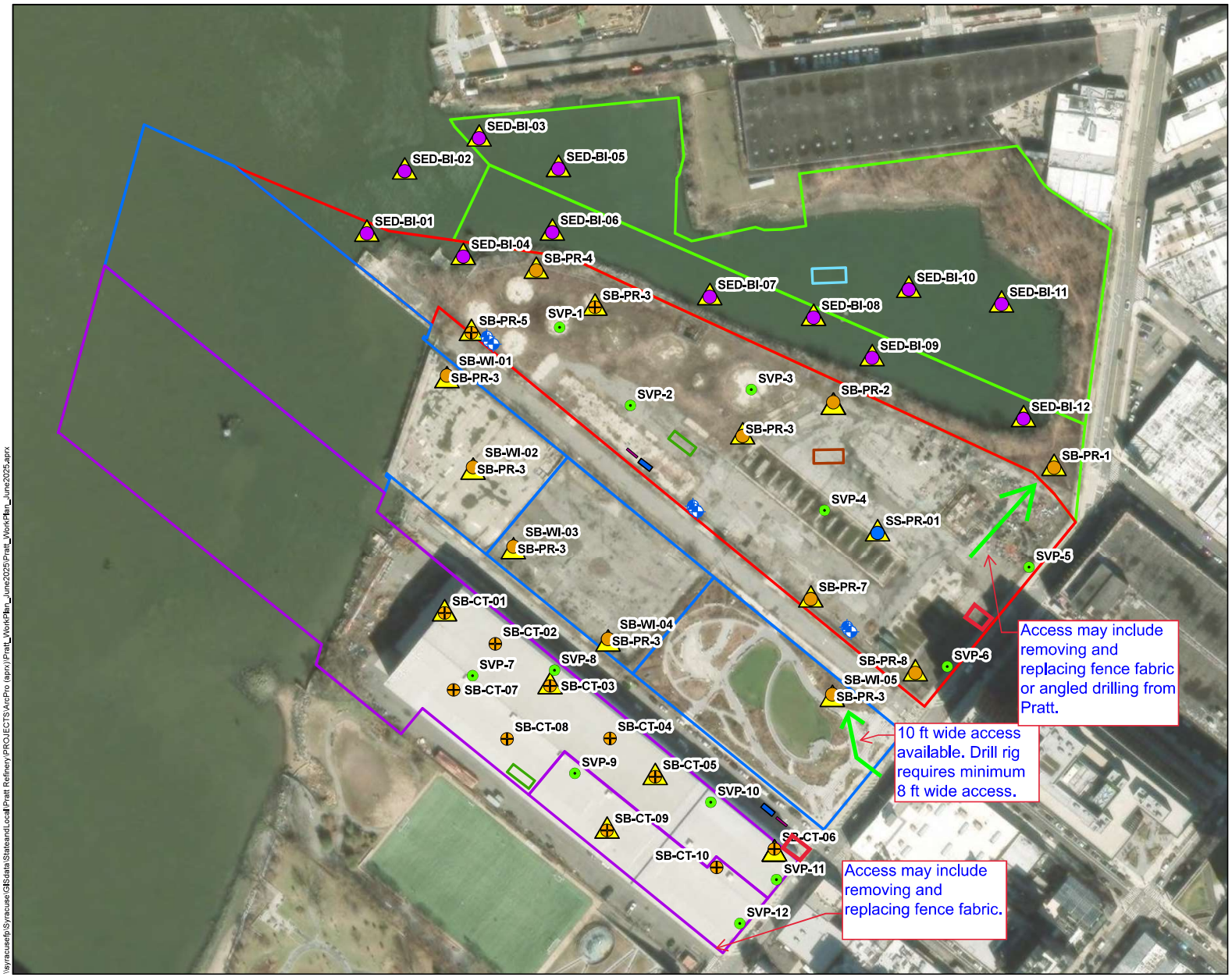
8150 LC Sonic Rig
ML-50 Spud Barge
Miller Boys Crew Transfer Vessel
Gabby L Miller Towing Vessel
Geopump Peristaltic Pump
Summa Air Canisters
Model 122 Sloinst Interface Probe
Horiba U-50 series

C: Certificate of Insurance/Broker's Certificate

AARCO Certificate of Insurance & Broker's Certificate

ATTACHMENT A

Figures



VICINITY MAP



Legend

- Bushwick Inlet (AOI 1)
- Former Pratt Refinery (AOI 2)
- Williamsburg Manufactured Gas Plant (MGP) (AOI 3)
- CitiStorage (AOI 4)
- Forensic Sample Location
- Sediment Boring Location
- Surface Soil Location
- Soil Boring Location
- Soil Boring & Monitoring Well Location
- Soil Vapor Point Location
- Newly Installed National Grid Well
- 20 Cubic Yard Roll Off
- Minimum 8000 Gallon Frac Tank
- Barge Staging
- Drum Staging
- EA Core Processing Area
- Rig and Skid Steer Staging

Map Date: 8/8/2025
Source: ESRI, 2011
Projection: NAD 1983 State Plane New York Long Isl FIPS 3104

0 125 250
Feet

N

NEW YORK STATE Department of Environmental Conservation

EA

Figure 1
ALL SAMPLE LOCATIONS
Former Pratt Refinery (224402),
CitiStorage (224341)
Brooklyn, New York

\\syracusefp\Syracuse\GIS\data\Statewide\Local\Pratt Refinery\PROJECTS\ArcPro (aprx)\Pratt_WorkPlan_June2025\Pratt_WorkPlan_June2025.aprx

ATTACHMENT B

Equipment Make and Model

ROLL-OFF DUMPSTER QUICK GUIDE

Use this guide to find the right size to fit your project needs.

Container Size	Capacity	Dimensions	Ideal For
 3 Yard	1 Truck Load	5′10″ L x 3′6″ W x 4′5″ H	• Home cleanups • Tree trimming • Landscaping
 10 Yard	4 Truck Loads	15′0″ L x 8′0″ W x 2′0″ H	• Heavy materials • Concrete, asphalt or dirt disposal • Small deck demolitions or moderate roofing debris
 12 Yard	5 Truck Loads	12′0″ L x 8′0″ W x 3′5″ H	• Heavy materials • Concrete, asphalt or dirt disposal • Small deck demolitions or moderate roofing debris
 15 Yard	6 Truck Loads	10′0″ L x 7′11″ W x 4′7″ H	• Heavy materials • Basement or garage cleanouts • Small deck demolitions or moderate roofing debris
 20 Yard	8 Truck Loads	21′11″ L x 7′0″ W x 3′6″ H	• Large attic, basement or garage cleanouts • Kitchen or bathroom remodels
 30 Yard	14 Truck Loads	22′ L x 8′0″ W x 5′0″ H	• Office or large home renovation projects or junk removals
 40 Yard	16 Truck Loads	21′11″ L x 7′0″ W x 7′0″ H	• Large construction projects • Roofing jobs • Large remodeling projects

605-2350-01 | Data Sheet

8400 Gal Mini Frac Lined Tank

Model/Make: MNFRACL / Wastequip

Product Description

This is a skid-mounted tank with standard-spaced roll-off rails. The walls are smooth on the interior and supported by external formed channels.

WEIGHTS AND MEASURES

» Capacity:	200 BBL. (8,400 gallons)
» Height:	8'-1¼" (grade/top of tank) 8'-6½" (grade/top manway)
» Width :	8'-6" (overall)
» Length:	20'-½" (tank only); 23'-6" (overall)
» Weight:	13,900 lbs. (approx..)

STRUCTURAL DESIGN

» Floor:	¼" thick ASTM A36 carbon steel (V-bottom)
» Sides/Ends:	¼" thick A36 carbon steel flat plate
» Top Deck:	¼" thick A36 carbon steel flat plate
» Internal Cross Bracing:	None

FEATURES

» Top Access:	1 - 21" diameter manway on front, passenger side; hinged to driver side.
» Rear Access:	1 - 21" diameter manway on centerline, hinged to driver's side.
» Side Access:	1 - 21" diameter recessed manway on the front passenger side, hinged to front.
» Manway Seals:	Buna-N
» Lifting lugs:	(4) top-mounted. To be used for EMPTY TANK ONLY.

Strapping Table: ST318

FEATURES – cont.

» Valves:	3-4" 150# threaded flange with butterfly (two on front of tank, one on rear of tank)
» Relief Valve:	Set at 1 psi pressure and 0.4 oz. vac. (Front end of roof)
» Exterior Ladder:	1 – front end of tank
» Fill Line:	3" sch. 80 top fill with capped MPT extension on rear of tank
» Front Drain:	(1) - 4" NPT male w/cap & chain
» Rear Flush:	(1) - 4" NPT male w/cap & chain
» Level Gauge:	Dual ball float on front
» Rear Rollers:	(2) 6-5/8"x10" wheels
» Vapor Connection:	4" flange (blinded) near top manway, passenger side
» Skid Rails:	37" inside spacing

OPTION

» Steam Coil:	Some units are fitted with a bottom heating coil made of 3" schedule 80 ASTM A106-B pipe. (2) 3" 150# inlet & outlet flanges on front of tank.

SURFACE DETAILS

» Exterior Coating:	High Gloss Polyurethane
» Interior Coating:	Chemical resistant liner

WETTED MATERIALS (Material Compatibility Check)

Carbon Steel*	Tank walls, bottom, sides; steam coil (if supplied)
Carboline Liner	Tank interior (Phenoline 380)
Buna (Nitrile, NBR)	Manway gaskets, valve seats, P/V valve gasket
Nylon 11	Valve disc
304 Stainless Steel	Float ball

*Theoretically if the tank has an interior liner, no carbon steel should be exposed to the liquid. However, if there are areas of thin or missing liner, bare carbon steel will be exposed. It is always a good idea to check compatibility of carbon steel even if the tank interior is lined.

United Rentals® Fluid Solutions

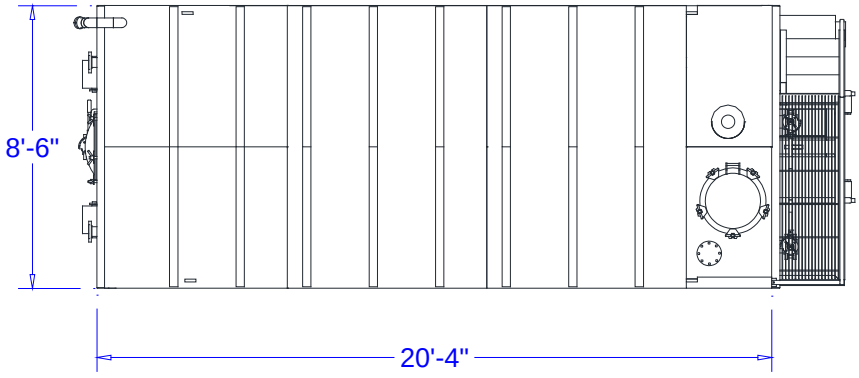
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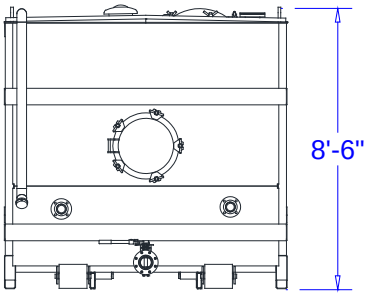
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8400 Gal Mini Frac Lined Tank

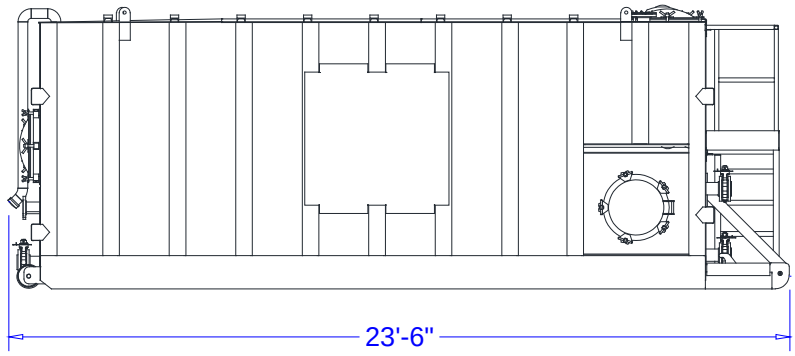
Model/Make: MNFRACL / Wastequip



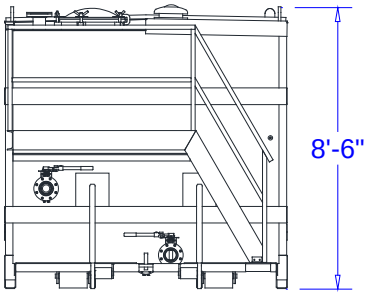
TOP VIEW



REAR VIEW



SIDE VIEW



FRONT VIEW

100 First Stamford Place, Ste 700
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8140LC RIG OPTIONS

Sonic Head

222919	GV4 High Speed Coring Head Drive

Automatic Drop Hammer

213902	DH104 Automatic Drop Hammer, 140 lb. [No Mounting Kit]
213903	DH104 Mounting Kit
216826	Automatic Drop Hammer 340 lb. Expansion Kit
217067	Automatic Drop Hammer 300 lb. Expansion Kit
221820	Automatic Drop Hammer 170 lb. Expansion Kit
210126	Automatic Drop Hammer 65 kg Expansion Kit

Safety Cage

215308	Safety Cage, compatible w/ Rod Handler
212953	Safety Cage, 8140LC w/ no Rod Handler

Rod Handler

212525	Rod Handling System

Breakout

215023	Rigid Breakout Mount

Control System

207870	LCD Display Heater Kit
216408	Head Feed Down Control Kit -- 8140LC

Water / Mud Pumps

210991	SPX40 Pump & Mount
212595	Hose Reel Kit
209925	Moyno® 3L6 with Table - Operator Side

Air Compressor

218584	Air Line Oiler Kit

Toolboxes

212954	53 in. Toolbox
220333	48 in. Toolbox
207214	20 in. Toolbox

Model 8140LC Specifications

TRACK PLATFORM / UNDERCARRIAGE		
Width (in)	80 in	2,032 mm
Length (transport) (in)	186 in	4,724 mm
Length (deployed, lateral fully retracted) (in)	185 in	4,699 mm
Length (deployed, lateral fully retracted, rod handler deployed) (in)	271 in	6,883 mm
Height (normal transport) (in)	110 in	2,896 mm
Height (deployed; winch mast up) (in)	249 in	6,325 mm
Height (min standard working height) (in)	192 in	4,877
Extension (fore and aft) (in)	15 in	381 mm
Lateral (side to side)	±8 degrees	
Drill Mast Dump (in)	25 in	635 mm
Base Unit Weight	19,350 lb	8,777 kg
Head Travel (in)	92 in	2,337 mm
Head Crowd/Pull Force (lbs)	20,000 lb	89 kN
Head Feed Carriage	Comp. slides	
Head Feed Pressure Control (w.o.b)	Optional	
Head Tilt Out		
Head Sideshift	26 in	660 mm
Outrigger Travel	16 in front, 26 in rear	406 mm front, 660 mm back
Engine (diesel)	CAT C4.4 Tier 3 Flex	
Engine Rated Power (hp)	142 hp	106 kW
Fuel Capacity (gal)	40 gal	151 L
Max angle drilling ability off vertical (degrees)	45 deg	
Approach/departure angle in transport (degrees)	24 deg	
Ground Speed (mph)	2.5 mph	4 km/hr
Electronic Controls	V1	
Sonic head	GV4	

HP LIMITED PUMP		
Max pressure (psi)	4,000 psi	275.8 bar
Max flow (gpm)	100 gpm	379 L/min

HYDROSTATIC PUMP	
Max pressure	NA
Max flow	NA

Max oscillator speed (Hz)	130 Hz	
Dynamic force @ max oscillator speed (lbf)	33,000 lbf	146.8 kN
Rotation (high torque/low speed) (lbf/rpm)	4,000 ft-lbf @ 80 rpm	5,423 N•m @ 80 rpm
Rotation (low torque/high speed) (lbf/rpm)	2,500 ft-lbf @ 120 rpm	3,390 N•m @ 120 rpm

STANDARD WINCH		
Line pull (lbf)	2,000 lbf	8.9 kN
Line speed (fpm)	110 fpm	33.5 m/min

TRIPLEX WATER PUMP		
Max pressure (psi)	1,000 psi	69 bar
Max flow (gpm)	25 gpm	95 L/min

DOUBLE WRENCH BREAKOUT		
Clamp force (lbf)	0 to 21,000	0 to 93.4 kN
Breakout torque (ft-lbf)	13,500 ft-lbf	18,303 N•m
Casing size compatible (in)	2 to 12 in	51 to 305 mm
Vertical travel (in)	9 in	229 mm

Geoprobe® Tooling Run with 8140LS

- Casing Sizes: 10 in., 8 in., 6 in., 4.5 in.
- SDT60 and SDT45 Weighted Wire Line Sampling
- SDT60 and SDT45 Sonic Sampling
- 8 x 10, 6 x 8, 4 x 6 Sonic Sampling
- DT22 Soil Sampling
- SP60 Groundwater Sampling
- DH104 Auto Hammer for SPT

8140LC

Rotary Sonic -- Low Clearance

- **Geoprobe® Designed Rod Handling System**
- **Patented Geoprobe® GV4 Sonic Head**
- **Adjustable Swing-arm Control Panel**
- **12-in. Double Wrench Breakout**
- **Front Outriggers for Added Stabilization**
- **Centerline Side-Shift Function**
- **5-in. Tooling Compatible**
- **Rock Coring Compatible**
- **Auto Drop Hammer Compatible (SPT)**
- **Rear Blade Stabilizer and Tooling Transport**



8140LC onsite at an abandoned grain storage facility.

Geoprobe Systems®
1-785-825-1842
geoprobe.com



35 FOOT CLASS - CREW TRANSFER VESSEL
MILLER BOYS

DIMENSIONS

LENGTH	32.5 ft	9.9 m
BEAM	10.75 ft	3.27 m
LIGHT DRAFT	5 ft 3 in	1.6 m
AIR DRAFT	14 ft 9 in	4.49 m

CAPACITIES

FUEL CAPACITY	300 USG	1.13 m^3
FRESH POTABLE WATER		

CARGO DECK

TONNAGE	2 US Ton	1.78LT
LENGTH	13 ft	3.96 m
WIDTH	9 ft	2.74 m
CLEAR SPACE	117 SF	10.86 sq m

ELECTRONICS AND CONTROLS

GPS	YES
RADAR	YES
SSB RADIO	YES
VHF	YES
LOAD HAILER	YES
FATHOMETER	YES
CHARTPLOTTER	YES
AIS	YES

TONNAGE

GROSS TONNAGE	13 Ton
NET TONNAGE	10 Ton

OPTIONAL EQUIPMENT

ACCOMODATIONS

CERTIFIED TO CARRY	29

PERFORMANCE

MAXIMUM SPEED	25 KNOTS
CRUISING SPEED	20 KNOTS

MACHINERY

MAIN ENGINES	2 - CAT m3208 - 375HP
TOTAL HORSEPOWER	750HP
PROPULSION	DIESEL
GENERATORS	1 - N. LIGHTS - M673- 5.5 KW
RUDDER	SPADE

SPECIAL EQUIPMENT

ANCHOR	1 - 45 LB
LIFE RAFTS	2
A/C & HEATER	YES
FIRE MONITOR	NO
DIVE LADDER	YES

GENERAL

OWNER	MILLER'S LAUNCH INC
BUILDER	
YEAR BUILT	1982
OFFICIAL NUMBER	650084
FLAG	USA
USCG	SUB T

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660 HP - TOWING VESSEL
GABBY L MILLER

DIMENSIONS		ACCOMODATIONS	
LENGTH	25 ft 6 in / 7.77 m	CERTIFIED TO CARRY	6
BEAM	14 ft / 4.26 m		
DRAFT	4 ft / 1.21 m	**PERFORMANCE**	
AIR DRAFT	22 ft / 6.7 m	MAXIMUM SPEED	7.5 KNOTS
EYE LEVEL	17 ft 6 in / 5.33 m	CRUISING SPEED	6.5 KNOTS
CAPACITIES		**MACHINERY**	
FUEL CAPACITY	600 USG / 2.27 m^3	MAIN ENGINES	(2) CUMMINS QSL-9
		TOTAL HORSEPOWER	660 HP
ELECTRONICS AND CONTROLS		PROPULSION	DIRECT DRIVE DIESEL
GPS	YES	GENERATORS	LUGER 5KW
RADAR	YES	RUDDER	SPADE
SSB RADIO	NO		
VHF	YES	**SPECIAL EQUIPMENT**	
LOAD HAILER	YES	ANCHOR	YES
FATHOMETER	YES	LIFE RAFTS	NO
CHARTPLOTTER	YES	A/C & HEATER	HEATER
AIS	YES	FIRE MONITOR	NO
		DECK CRANE	NO
TONNAGE			
GROSS TONNAGE	21 Ton	**GENERAL**	
NET TONNAGE	17 Ton	OWNER	MILLER LAUNCH INC
		BUILDER	STATEN ISLAND, NY
FACE WINCHES		YEAR BUILT	2007
DOG HOLDING CAPACITY	10 TONS	OFFICIAL NUMBER	1205227
CAP: 1/2 in - 12.7 mm	188 ft / 57m	FLAG	USA
CAP: 5/8 in - 15.9 mm	101 ft / 30 m		USCG
CAP: 3/4 in - 19 mm	65 ft / 19 m		

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PIN SPUD BARGE

ML - 50 *SELF-SPUDDING CAPABLE

DIMENSIONS		
LENGTH	55 ft	16.76 m
BEAM	24 ft	7.31 m
DRAFT	1 ft 2 in	.355 m
FREEBOARD	2 ft 10in	.863 m

CARGO DECK		
TONNAGE	38 Ton/Draft-ft	34.47 LT/Draft-ft
LENGTH	55 ft	16.76 m
WIDTH	24 ft	7.31 m
CLEAR SPACE	1320 sqft	122.63 sq m

TONNAGE	
GROSS TONNAGE	45 Ton
NET TONNAGE	45 Ton

OPTIONAL EQUIPMENT	
SPUD WINCH	NO
SPUDS	(2) 10 in x 40 ft
7 TON KNUCKLEBOOM	SEE PAGE 80
9 TON KNUCKLEBOOM	SEE PAGE 79

SPECIAL EQUIPMENT	
SPUD WELLS	(4) 12"
RAMP	NO
MOON POOL	NO
ROLL ON ROLL OFF	NO

GENERAL	
OWNER	MILLER LAUNCH INC
BUILDER	
YEAR BUILT	
OFFICIAL NUMBER	
FLAG	USA
USCG	

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Geoprobe® 8150LS Rotary Sonic

VIDEOS AVAILABLE AT GEOPROBE.COM/8150LS WHEN YOU SEE THIS SYMBOL

Full-Size Rotary Sonic Rig with 50K Dynamic Force

The Geoprobe® 8150LS is a full-size rotary sonic rig with high performance. It is capable of running 10-ft. tooling and the GV5 sonic head provides 50,000 lbs. of dynamic force.

Dual Winch System

Geoprobe® GV5 Sonic Head
- 50K Dyanamic Force

Multi-Function Drill Mast
- High Speed Coring Head (Optional)
- Auto Drop Hammer Compatible (SPT)

Head Centerline Side-Shift, Extend, Drill Mast Dump, Breakout Vertical Shift, Drill Mast Side-Shift, Head Tilt

Rock Coring Compatible

Engine Mounted Air Compressor

10-ft. Tooling Compatible

Water / Mud Pumps
- Multiple configurations available

Outriggers (Four Point Stabilization)

14-in. Double Wrench Breakout

Geoprobe® Designed Rod Handling System

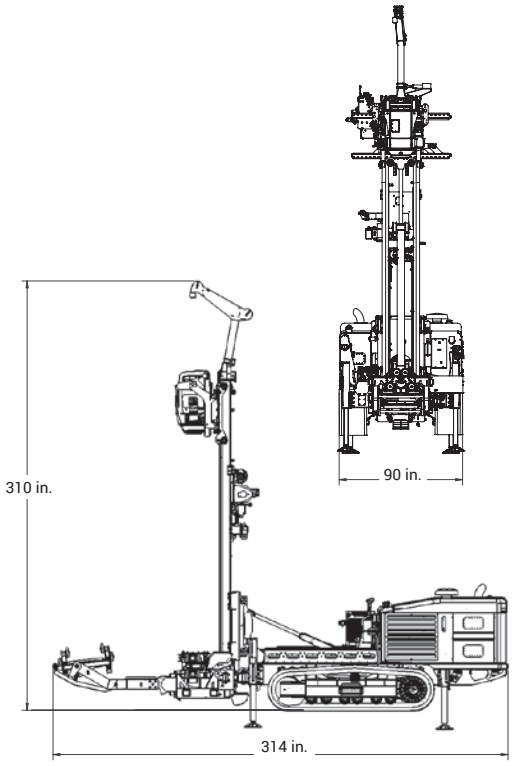
Control Panel
- Movable, Adjustable Swing-Arm
- Remote Diagnostics

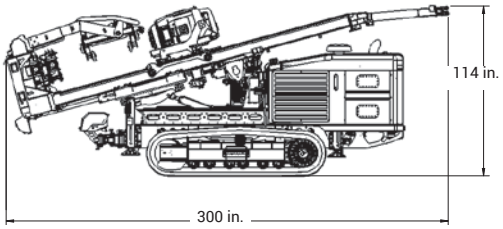


Videos, Photos, Specifications, and **Resources**
geoprobe.com/8150ls

Weight & Dimensions

Base Unit Weight: 32,500 lb. (14,742 kg.)
With Typical Options*: 33,500 lb. (15,195 kg.)





View full specifications online at
geoprobe.com/8150ls

Tooling

Typical Geoprobe® Tooling for the 8150LS

- Casing Sizes: 10 inch, 8 inch, 6 inch, 4.5 inch HD
- Weighted Wire Line Sampling (WWL60)
- Dual Tube Sonic Sampling (SDT60)
- 8x10, 6x8, 4x6 HD Sonic Sampling
- SP60 Groundwater Sampling

Rig shown with optional features. Weights & dimensions subject to change without notice.

**Typical extras and options include hose pump, rod handler, second winch, and 48 in. toolbox. Standard features include triplex pump, breakout, air compressor, and head feed pressure control.*

8150LS Options

High Speed Coring Head

226036	GV5 High Speed Coring Head Drive

Automatic Drop Hammer

226167	Automatic Drop Hammer Only, 140 lb
226289	Drop Hammer Mounting Brackets
216826	Automatic Drop Hammer 340 lb. Expansion Kit
217067	Automatic Drop Hammer 300 lb. Expansion Kit
221820	Automatic Drop Hammer 170 lb. Expansion Kit
210126	Weight, 65 kg

Mast / Winch

220582	Wireline Winch Kit: 1,800 lbf with Quick Change Hook

Rotational Safety Cage

222917	Safety Cage

Rod Handler

225998	Rod Handler System (3" to 9", Double Jointed, Integral Safety Features)

Water / Mud Pumps

220581	SPX40 Hose Pump Kit
228405	Hose Reel Kit - Kerr Pump Mount

Air Compressor

400043	Air Line Oiler Kit

Toolboxes

220333	48 in. Toolbox

Additional Options

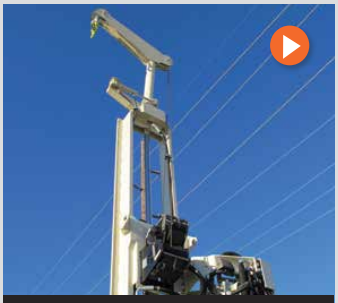
216816	Drill Mast Adjustable Brace Kit
218880	GV5 Spindle Adapter, 6.0 in., 4.5 in., 3.5 in. Assembly
222600	GV5 Spindle Assembly
220109	Back-up Alarm

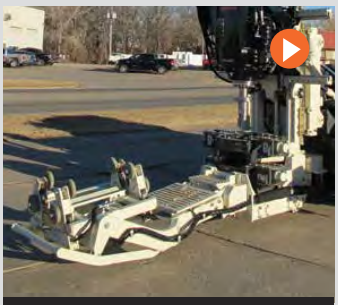
Racks

226133	Indexing Rack, 6.0 in. Casing
226096	Indexing Rack, 4.5 in. Casing
226314	Indexing Rack, 7.625 in. Casing




GV5 High Speed Coring Head Drive (226036)


Wireline Winch Kit (220582)


Rod Handler System (225998)



SPX40 Hose Pump Kit (220581)


The 8150LS fits inside a 40 ft. shipping container for international transportation.

Geopump™ Peristaltic Pump

Geotech Environmental Equipment, Inc.
Peristaltic Sampling Pumps

The Geotech GeoPump™ is a portable, peristaltic-style pump, engineered for collecting shallow groundwater and surface water samples. The pump is designed to operate seamlessly on both 12V DC or 120VAC power sources, making it an ideal tool for fieldwork and equally efficient for lab applications. The GeoPump's unique design prioritizes sample integrity, significantly reducing the risk of cross-contamination. Fluids being sampled interact exclusively with the tubing and not the pump mechanism, effectively eliminating the need for decontamination of pump components between sampling points.

FEATURES

- Exceptional field durability
- Operate to a depth up to 29 feet (8.8 meters)
- Variable speed control
- Designed for low-flow, purge and sample, discrete, and filtration
- AC only, DC only, or AC/DC combination
- Two pumping stations available, which can be piggybacked for multi-station pumping
- Reversible flow feature for back-flushing
- Disposable and dedicated tubing means controlled costs and no decontamination issues



Geopump™ Peristaltic Pump Series II Kit with optional Geoload pump head, modular battery, 5 ft. (1.5 m) tubing, carrying case and power cord

OPERATION

The Geotech Peristaltic Pumps operate by mechanical peristalsis, so the sample only comes in contact with the tubing. This allows for sample integrity as well as easy cleaning and replacement. With the optional stainless steel tubing weight, tubing can be lowered to a specific depth without curling or floating on the surface of the water. Geopumps operate from any external 12V DC or 120V AC power source.

SERIES I Geopump™ Peristaltic Pumps are available in AC only, DC only, or AC/DC combination. These units have one pumping station which can be piggybacked for multi-station pumping. They have variable speeds ranging from 60 RPM to 350 RPM.

SERIES II Geopump™ Peristaltic Pumps are available in AC only, DC only, or AC/DC combination. They have two pumping stations which can also be piggy-backed for multi-station pumping. The first pumping station has a variable speed of 30 to 300 RPM and the second station 60 to 600 RPM.



Sample collection with the Geopump™ Peristaltic Pump Series II with optional Geoload pump head (dispos-a-filter™ capsule sold separately)

CALL GEOTECH TODAY
(800) 833-7958

Geotech Environmental Equipment, Inc.
2650 East 40th Avenue Denver, Colorado 80205
(303) 320-4764 FAX (303) 322 7242
email: sales@geotechenv.com website: www.geotechenv.com

CE

Request Information

Geopump™ Peristaltic Pump

Geotech Environmental Equipment, Inc.
Peristaltic Sampling Pumps

Technical Specifications	
Operating Range	Suction from 29 feet(8.8 meters) at sea level
Principle of Operation	Mechanical Peristalsis
Dimensions	3.5 x 8 x 8 in. (9 x 20 x 20 cm)
Power Source	Any external 12-18V DC @ 70 watts 90-260V AC 47-65 Hz
Power Cord Length	AC Cord 8 feet (2.4 meters) DC Cord 15 feet (4.6 meters)
Range Speed:	**Series I :** 60 to 350 rpm **Series II :** 1st pumping station 30 to 300 rpm; 2nd Pumping Station 60 to 600 rpm
Speed Control	Stepless variable speed control
Pumping Options	Pressure or vacuum (reversible flow)
Pump Head Rotor	Cold rolled steel
Warranty	1 Year



PUMP HEAD OPTIONS

Performance Pump Head Models	**Tube Size**
Standard	#15, #24
Geoload	#15, #24, #35, #36
Easy Load II	#15, #24, #35, #36

Precision Pump Head Models	**Tube Size**
Easy Load II	#13, #14, #16, #17, #18, #25, #26

Optional Short Shaft for stacking pump heads.
Additional hardware required.



Geoload Pump Head



Standard Pump Head



Easy-load® II Pump Head

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GEOPUMP KIT BUILD GUIDE

Thank you for your interest in adding a Geopump peristaltic pump to your equipment fleet! To ensure the sampling needs of each user are met, there are several different Geopump kit configurations available. Please follow the steps of this guide when selecting a Geotech Geopump system.

Select an option from each group to configure your Geopump kit.

Basic Unit

0 DC only, with hardwired DC power cord
1 AC/DC, with interchangeable AC power cord
2 AC/DC, with interchangeable AC and DC power cords
3 AC/DC, with interchangeable DC power cord

Pumping Stations/RPM requirements

0 Series I, 350 RPM
1 Series II, 300 RPM & 600 RPM

Field Case

0 No field case
1 Hard Field Case with foam cut inserts
2 Hard Field Case with foam cut inserts with 12V Battery & Charger

Pump Heads

0 No pump head
1 Standard Pump Head*
2 Geoload* Pump Head
3 Easy-load® II Pump Head*

9135 ☐☐☐☐

*Includes 5 feet of Silicone Tube, Size 15



Geopump™ 12V Portable Battery and Charger



Fits ¼" OD Tubing | Fits ⅜" OD Tubing | #15/24 Peristaltic Tubing | #36 Peristaltic Tubing

Tubing Heights

ACCESSORIES

- **77050000** Silicone Tube Size 15, 50 feet**
- **77050501** Polyethylene Tube, ¼" OD, 500 feet**
- **87050023** 3.5 oz. SS Tube Weight, 8⅔" with Clamp (adapts to Size 15 or Size 24 tubing)
- **87050024** 4.8 oz. SS Tube Weight, ½" with Clamp (adapts to Size 36 tubing)
- **87050026** 5.4 oz. SS Tube Weight, Snap-In (adapts to ¼" OD tubing)
- **87050027** 7.0 oz. SS Tube Weight, Snap-In (adapts to $^{8}/_{3}$" OD tubing)
- **77250000** Portable Battery & Charger

**Other materials and sizes available

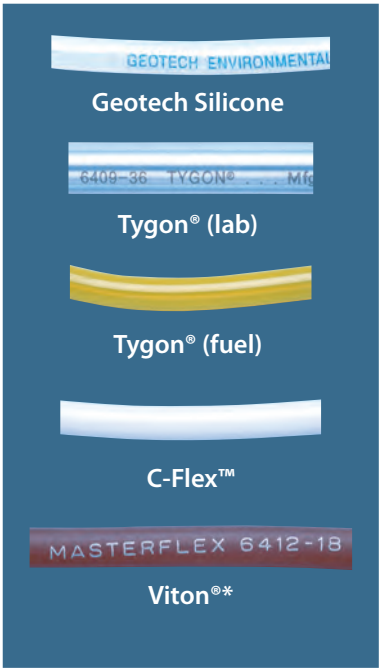
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Request Information

Geopump™ Peristaltic Pump

Geotech Environmental Equipment, Inc.
Peristaltic Sampling Pumps



High-Performance Precision Tubing Specifications

Tubing Cross Sections				
Tubing Size	L/S 15	L/S 24	L/S 35	L/S 36
Inside Diameter **	0.19″ (4.8mm)	0.25″ (6.4mm)	0.31″ (7.9mm)	0.38″ (9.7mm)
Hose Barb Size **	3/16″ (4.8mm)	1/4″ (6.4mm)	3/8″ (9.5mm)	3/8″ (9.5mm)
Flow Range - mL per Rev	1.7	2.8	3.8	4.8
Maximum Pressure, Continuous ***	25 psig (1.7 bar)		20 psig (1.4 bar)	15 psig (1.0 bar)
Maximum Pressure, Intermittent ***	40 psig (2.7 bar)		35 psig (2.4 bar)	20 psig (1.4 bar)
Maximum Vacuum ***	26″ Hg (660mm Hg)			24″ Hg (610mm Hg)
Section Lift at Sea Level	29 ft. H2O (8.8m H2O)			27 ft. H2O (8.3m H2O)

**Nominal size
***Actual performance may vary depending on tubing formulation.

SUCTION LIFT LOSS

Calculate actual peristaltic pump suction lift based on elevation.
Note: Suction lift is the total vertical distance from static water level to peristaltic pump head.
Suction lift H2O ft. at sea level – (Elevation in ft. x .00115) = actual H2O suction lift at elevation.
Example: Size 15 silicone tubing has suction lift of 29 feet at sea level. Used with a Geopump at 5280 feet elevation, calculation shown here. 29 – (5280* .00115) = 22.9' actual suction lift.

Precision Tubing Specifications

Tubing Cross Sections						
Tubing Size	L/S 13	L/S 14	L/S 16	L/S 25	L/S 17	L/S 18
Inside Diameter **	0.03″ (0.8mm)	0.06″ (1.6mm)	0.12″ (3.1mm)	0.19″ (4.8mm)	0.25″ (6.4mm)	0.31″ (7.9mm)
Hose Barb Size **	1/16″ (1.6mm)		1/8″ (3.2mm)	3/16″ (4.8MM)	¼″ (6.4mm)	3/8″ (9.5mm)
Flow Range - mL per Rev	0.06	0.21	0.8	1.7	2.8	3.8
Maximum Pressure, Continuous ***	25 psig (1.7 bar)			20 psig (1.4 bar)	15 psig (1.0 bar)	10 psig (0.7 bar)
Maximum Pressure, Intermittent ***	40 psig (2.7 bar)			35 psig (2.4 bar)	20 psig (1.4 bar)	15 psig (1.0 bar)
Maximum Vacuum ***	26″ Hg (660mm Hg)				20″ Hg (510 mm Hg)	
Section Lift at Sea Level	29 ft. H2O (8.8m H2O)				22 ft. H2O (6.7 m H2O)	

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Request Information

TO-Can Canister with RAVE+ Valve

cat.# 27314-27321

Overview

A Restek TO-Can canister offers several important features. The inside surface is electropolished and passivated for excellent inertness. The unique holder attaches the handle and base to the canister without welds, and it protects the canister, tube stub, and valve. The diaphragm valve has a metal-to-metal seat, and all canisters and valves are leak checked to $1x10^{-6}$ mL/sec. Each canister is slightly pressurized with contaminant-free nitrogen to approximately 15 psig (1.0 bar) prior to shipment.

Prior to Use

Restek TO-Can canisters are shipped under pressure!

1. Unpack the TO-Can canister from its box. Remove the ¼-inch brass cap from the top of the valve.
2. Turn the knob to the open position. Nitrogen should be released. If not, the system is not leak tight and should be returned. Please contact Technical Service, or your Restek representative, for a return material authorization (RMA) number. Please do not return the canister, or any other Restek product, without an RMA number and a completed health and safety declaration.
3. We recommend that you certify your canister is clean, according to U.S. EPA Compendium Methods, such as TO-12, TO-14A, TO-15, TO-15A, NJ Low Level TO-15, and China NEPS HJ 759, prior to use.

Cleaning for Reuse

To clean a TO-Can canister and valve, we recommend a procedure such as that summarized here. We also recommend performing a blank analysis according to your method; for example, TO-15A, after cleaning the canister to certify the canister is clean prior to reuse.

IMPORTANT PRECAUTIONS!

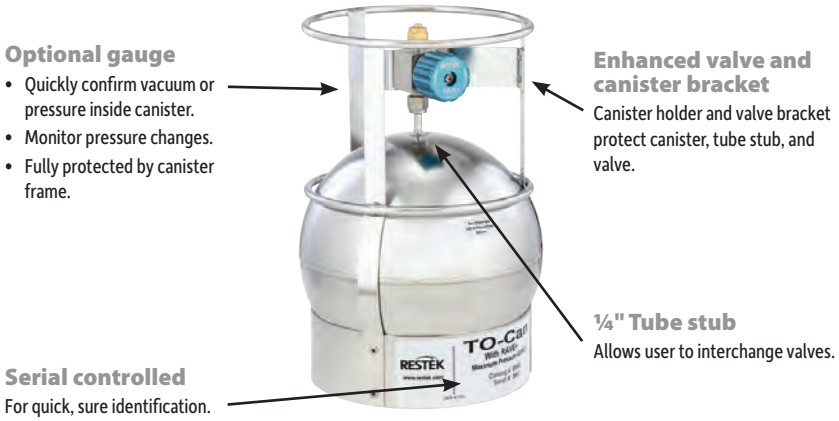
- Only hand tighten knob to close valve. Overtightening will damage the seat, causing leakage.
- Tighten compression fitting on valve inlet only ¼ turn past finger-tight. Overtightening will cause leakage.
- Always use a prefilter during sampling to prevent particulate damage to valve.
- Do not disassemble valve—disassembly will void warranty.
- Protect valve inlet by replacing brass cap when not in use.
- Do not exceed canister maximum pressure of 40 psig (2.75 bar).

Typical Cleaning Method

The following general canister cleaning procedure is based on method TO-15A and is appropriate for most applications. However, you should develop a specific procedure from these general steps by testing every canister for cleanliness after each cycle to determine the number of cycles necessary for proper cleaning. Every canister should be tested until you have demonstrated that your specific procedure (number of cycles, vacuum/pressure, temperature, and time) is effective and reliable for your application.

1. Connect the canisters to the cleaning system and release any pressure within them.
2. Evacuate the canisters to at least 7 kPa/28" Hg vacuum and hold for at least one minute.
3. Pressurize the canisters to ≤30 psig with 30%-70%RH humidified air or nitrogen and hold for at least one minute. Pressurization will dilute the impurities and the moist air will hydrolyze them.
4. Heat the pressurized canisters to a temperature that is appropriate for the equipment you are using. Do not exceed these maximum temperatures:

   a. 120 °C for a TO-Can canister with a gauge.
   b. 140 °C for a TO-Can canister without a gauge (plug the gauge port prior to cleaning).
5. Perform at least five evacuation/pressurization cycles. More cycles may be performed as needed and the total number of cycles will be determined by how dirty the canisters are and how easy they are to clean.
6. Once the canisters are clean, prepare them for sample collection by evacuating them to ≤0.0067 kPa/≤ 50 mTorr.



Certifying a Cleaned Canister

We recommend certifying canisters for both cleanliness and analyte stability. To certify a canister is clean, pressurize the cleaned canister to 14.7 psia or 101.3 kPa with humidified, certified ultra-high purity air. Analyze an aliquot of the canister content by GC-MS, GC-FID, or GC-ECD. If a canister does not meet specification, it must be recleaned and retested.

RESTEK
Pure Chromatography

Reconditioning Service

Normal wear and tear on a canister may result in valve damage and leakage. We offer a reconditioning service in which we will replace the valve, clean, and leak test the canister for much less than the cost to replace the entire canister. If you would like this service, please follow the instructions below:

1. Contact Restek or your local Restek representative and place an order for cat.# 569419 (RAVE or RAVE+ diaphragm valves) using your company purchase order.
2. Obtain a Service Authorization No. (SRV) to affix on the outside of the shipping container.
3. Clean canister before shipment to Restek and include a completed health and safety declaration.
4. Return canister intact. Do not remove valves or gauges that were part of the original canister.

TO-Can Air Sampling Canisters with RAVE+ Valves

Modification	Volume	qty.	cat.#
2-Port RAVE+ Valve	1 L	ea.	27314
3-Port RAVE+ Valve with Gauge	1 L	ea.	27315
without Valve	1 L	ea.	22094
2-Port RAVE+ Valve	3 L	ea.	27316
3-Port RAVE+ Valve with Gauge	3 L	ea.	27317
without Valve	3 L	ea.	22095
2-Port RAVE+ Valve	6 L	ea.	27318
3-Port RAVE+ Valve with Gauge	6 L	ea.	27319
without Valve	6 L	ea.	22096
2-Port RAVE+ Valve	15 L	ea.	27320
3-Port RAVE+ Valve with Gauge	15 L	ea.	27321
without Valve	15 L	ea.	22097

*Range of standard gauge is –30" Hg to 60 psi.
Do not exceed canister maximum pressure of 40 psig (2.75 bar).



27314

RAVE+ Diaphragm Air Valves

For Restek air sampling canisters

Description	Material	qty.	cat.#
1/4" Diaphragm Valve, RAVE+ (2-port)	Stainless Steel	ea.	27325
	Siltek Treated	ea.	27326
1/4" Diaphragm Valve, RAVE+ (3-port)	Stainless Steel	ea.	27327
	Siltek Treated	ea.	27328


27325

RAVE+ Guards

Description	Material	qty.	cat.#
RAVE+ Guard: 2 µm Frit Filter, & Holder	Stainless Steel	ea.	27292
	Siltek-Treated Stainless Steel	ea.	27293
RAVE+ Guard: 7 µm Frit Filter, & Holder	Stainless Steel	ea.	27294
	Siltek-Treated Stainless Steel	ea.	27295
RAVE+ Guard: Holder without Frit Filter	Stainless Steel	ea.	27296
	Siltek-Treated Stainless Steel	ea.	27297


RAVE+ Guard: Stainless Steel

RAVE+, RAVE, and RAVEn Diaphragm Rebuild Kit

Includes	Material	qty.	cat.#
a tube of grease; two screws; a bonnet (metal ring); a button assembly (small white circular piece); and a diaphragm stack (thin metal disks)	Stainless Steel	kit	26389
a tube of grease; two screws; a bonnet (metal ring); a button assembly (small white circular piece); and a diaphragm stack (Siltek-treated thin metal disks)	Siltek Treated	kit	26390


26389

Questions about this or any other Restek product?
Contact us or your local Restek representative (www.restek.com/contact-us).

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www.restek.com

#500-10-003 Rev. date: 02/23

QUALITY ISO 9001 · 17025 · 17034

RESTEK Pure Chromatography

Interface Meter

Model 122

Solinst Oil/Water Interface Meters give clear and accurate measurements of product level and thickness in wells and tanks.

Determination of both light (floating) non-aqueous phase liquids (LNAPL) and dense (sinking) non-aqueous phase liquids (DNAPL) is quick and easy. The factory-sealed probe is pressure proof the full length of the submerged tape. The tapes are available in a range of lengths from 30 – 300 m (100 – 1000 ft).

The 16 mm (5/8") diameter probe allows easy access through tight spaces and into narrow wells. The probe is designed for use in various monitoring applications. 122M Mini Interface Meters also available, see 122M Data Sheet for more information.

Hazardous Locations Use

Model 122 Interface Meters have been approved for use in explosive environments. They are suitable for use in hazardous locations Class I, Div 1, Groups C&D based on standards of the Canadian Standards Association (CSA).

The Model 122 Interface Meter with laser marked tape is now ATEX certified under directive 94/9/EC, as II 3 G Ex ic IIB T4 Gc.

The grounding strap is a safety essential when the meter is used in potentially explosive environments. It also ensures that the electronics are properly protected.

Operating Principles

Product (Non-conductive liquid) = Steady light and tone

Water (Conductive liquid) = Intermittent light and tone

To detect liquids, Solinst Interface Meters use an infra-red beam and detector. When the probe enters a liquid the beam is refracted away from the detector which activates an audible tone and light.



If the liquid is a non-conductive oil/product the signals are steady. If the liquid is conductive (water), the conductivity of the water completes a conductivity circuit. This overrides the infra-red circuit, and the tone and light are intermittent.

The 122 Interface Meter sensor provides an accuracy as good as 1.0 mm or 1/200 ft. The high accuracy enables the sensor to detect the slightest sheen of oil on the surface of the water.



Accurate, Reliable, Robust

Get Quote

- Designed for rugged field use
- Stable electronics with automatic circuitry testing
- Laser marked flat tape is easy to decontaminate; resists stains
- Tape uses stranded stainless steel and copper coated steel conductors:
  - high in tensile strength; electrical efficiency
  - non-stretch; does not corrode
- Sturdy free-standing reel with carrying handle

High Quality Design

The state-of-the-art electronics include automatic circuitry testing when the 'On' button is used; 120 hours of on-time battery life; clear signals; and high accuracy. The circuits are powered by a single standard 9V battery which is housed in an easy-access drawer in the faceplate of the reel.

Infra-red refraction is used to detect liquids and conductivity to distinguish water. Both optical and electronic sensors are precisely aligned at the same zero point. The factory sealed probe does not need to be accessed by the user. An integral stainless steel shield protects the sensors. It is set permanently into place, yet allows for easy cleaning.

Features

- Sensor accuracy to 1.0 mm or 1/200 ft
- Certified intrinsically safe
- 16 mm (5/8") diameter probe
- Easy access 9V battery
- Automatic shut off after 5 minutes
- Replacement tapes are interchangeable with other Meters

Model 122 is QPS approved for use in hazardous locations Class I, Div 1, Groups C&D based on CSA Standards and is ATEX certified under directive 94/9/EC as II 3 G Ex ic IIB T4 Gc

Obtaining Product Measurements

To measure the thickness of a product layer, lower the probe into the well until the signals activate. If there is an oil/product layer on the top of the water (LNAPL), the light and tone will be steady, indicating an air/product interface.

Read the depth off the permanently marked tape. Lower the probe further into the water, where the signals become intermittent, then pull back up and take a reading at the product/water interface. The thickness of the product layer is then determined by subtracting the first reading from the second.

If there is only water in the well and no product, there will only be intermittent (water) signals. The presence or absence of dense (sinking) non-aqueous layers (DNAPL) is determined by continuing to lower the probe to the bottom of the well.

If the steady tone and light return, this indicates a non-conductive liquid. Measure the depth and continue lowering the probe until it touches bottom and the tape goes slack.

To determine the thickness of the DNAPL layer, subtract the first reading from the bottom depth.



P8 Probe

The 122 Interface Meter uses the P8 Probe, which is 16 mm (5/8") in diameter and stainless steel. It is pressure proof the full length of the submerged tape. The beam is emitted from within a Hydex cone-shaped tip. The tip is protected by an integral stainless steel shield, and is excellent for the vast majority of product monitoring situations.

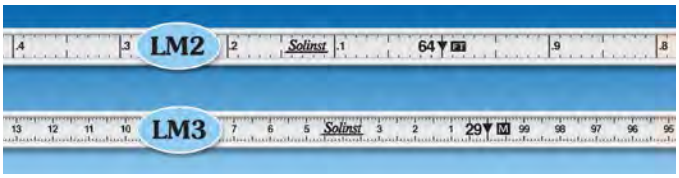
Laser Marked Flat Tape

The flat tape is extremely accurate, traceable to NIST and EU measurement standards.

The easy-to-read markings on the 10 mm (3/8") flat tape are permanently laser-marked. The dog bone shaped tape avoids adherence to wet surfaces in wells. It is resistant to most chemicals, and the smooth surface of the tape is easy to decontaminate and easy to handle.

LM2: Feet and tenths: with markings every 1/100 ft.

LM3: Meters and centimeters: with markings every mm.





Additional Equipment

Each full size meter is provided with a grounding cable, cleaning brush, and a tape guide/datum. A convenient carrying case with shoulder strap is optional.

The tape guide may be used to provide support for a small reel on the well casing. It acts as a datum allowing repeatably accurate measurements; ensures that the probe hangs in the centre of the well; and protects the tape from damage.

It is essential to use the grounding cable to ensure safety and proper function of the electronics in all applications.

® *Solinst is a registered trademark of Solinst Canada Ltd.*

Solinst Canada Ltd. 35 Todd Road, Georgetown, Ontario Canada L7G 4R8 www.solinst.com
E-mail: instruments@solinst.com Tel: +1 (905) 873-2255; (800) 661-2023 Fax: +1 (905) 873-1992

July 4, 2024
(#111028) Rev. H

Solinst®

HORIBA
Process & Environmental

Case study

Complies with US EPA procedures

Multi-parameter Water Quality Analyzer **U-50 series**

Low-Flow Ground-water Sampling and Monitoring

pH DO TURB ORP COND



1. Abstract

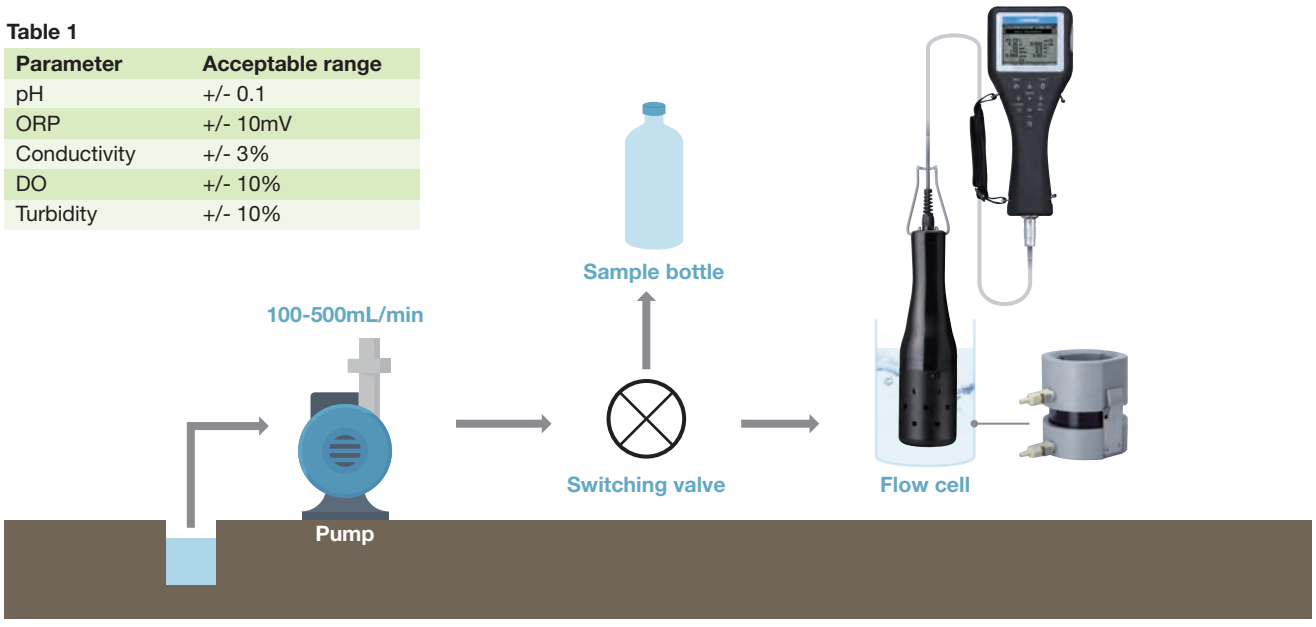
US EPA Office of Research and Development, Office of Solid Waste and Emergency Response, published a document entitled “Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures” which is intended to provide background information on the development of low-flow sampling procedures and its application under a variety of hydrogeologic settings.

2. Low-Flow Ground-water Sampling and Monitoring

Low-flow purging, whether using portable or dedicated systems, should be done using pump-intake located in the middle or slightly above the middle of the screened interval. Flow rates on the order of 0.1 - 0.5 L/min are typically used, however this is dependent on site-specific hydrogeology. Well purging three casing volumes prior to sampling is recommended for in-line water quality measurement device to establish the stabilization time for the parameters (e.g. ,pH, ORP*, DO*, turbidity) on a well-specific basis to obtain samples of water flowing through the geologic formations in the screened interval. Parameters should be continuously monitored during the purging and taking the measurement result on every three to five minutes. Once all parameters get within the acceptable range (table 1), reading value shall be deemed stabilized and go on to the monitoring. The most vital parameters are Conductivity, DO, and Turbidity. However, these parameters require longer time to stabilize. The HORIBA U-50 series solves this issue by equipping an ultra-sensitive turbidity sensor and a stable DO sensor which are made especially for low-flow range, making HORIBA U-50 series your best choice for low-flow ground water sampling and monitoring.

Table 1

Parameter	Acceptable range
pH	+/- 0.1
ORP	+/- 10mV
Conductivity	+/- 3%
DO	+/- 10%
Turbidity	+/- 10%



*ORP : Oxidation Reduction Potential
*DO : Dissolved Oxygen

HORIBA U-50 series

HORIBA U-50 series, multi-parameter water quality analyzer, measures up to 11 parameters such as pH, ORP, conductivity, DO, turbidity, temperature, TDS*, salinity and seawater specific gravity etc.
This analyzer and flow cell U-50FC is the best combination for the low-flow ground-water sampling and monitoring. It enables easy and quick continuous, simultaneous water quality measurement for all your ground-water monitoring work.

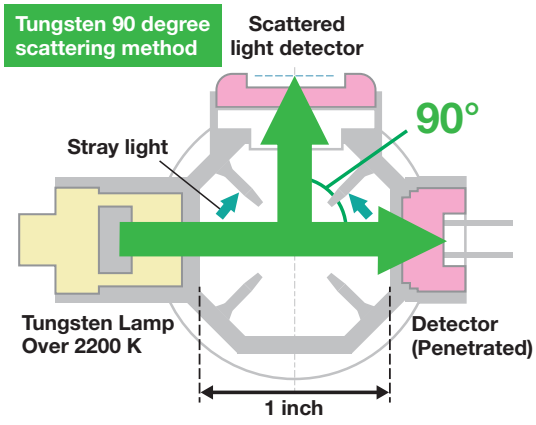
*TDS : Total Dissolved Solids





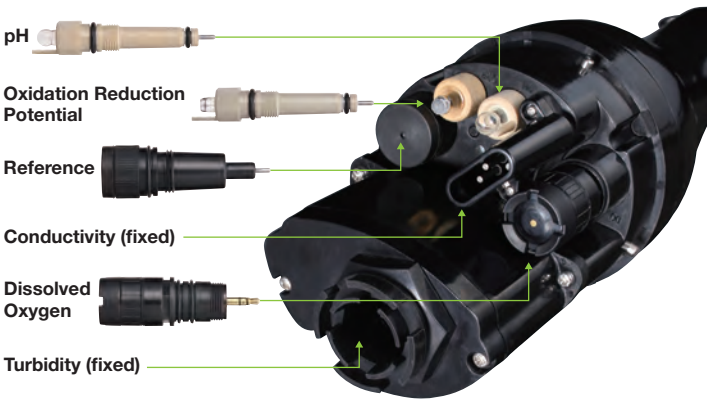
Ultra-sensitive turbidity sensor

Ultra-sensitive turbidity sensor on the model U-53 complies with EPA method 180.1 “Determination of Turbidity by Nephelometry”.
U-53 employs the mechanic of Tungsten 90 degree scattering method and cleaning wiper on the light source and detector.
It shows significant precision and linearity in the turbidity measurement specifically in low range turbidly water.



Key features of U-50 series

- One-Hand operation for control unit.
- All 11 parameters are displayed on the LCD screen.
- Simultaneous ONE-POINT calibration for multi parameters. [pH, DO, conductivity, turbidity and depth]
- Module sensors can be replaced individually. [pH, ORP, reference, DO]



Reference

1. US EPA Low-Flow (Minimal Drawdown) Ground-water Sampling Procedures
2. US EPA Method 180.1 Determination of Turbidity by Nephelometry

IMS

The HORIBA Group adopts IMS (Integrated Management System) which integrates Quality Management System ISO9001, Environmental Management System ISO14001, and Occupational Health and Safety Management System OHSAS18001.
We have now integrated Business Continuity Management System ISO22301 in order to provide our products and services in a stable manner, even in emergencies.

Please read the operation manual before using this product to assure safe and proper handling of the product.

●The specifications, appearance or other aspects of products in this catalog are subject to change without notice.
●Please contact us with enquiries concerning further details on the products in this catalog.
●The color of the actual products may differ from the color pictured in this catalog due to printing limitations.
●It is strictly forbidden to copy the content of this catalog in part or in full.
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31 Miyanonishi-cho, Kisshoin Minami-ku, Kyoto, Japan
Phone: 81 (75) 321-7184 Fax: 81 (75) 321-7291
http://www.horiba-adt.jp

Global Contact info

ATTACHMENT C

Certificate of Insurance

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 08/06/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis Towers Watson Southeast, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: WTW Certificate Center PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@wtwco.com
INSURED EA Engineering and Geology, P.C. 333 West Washington Street, Suite 300 Syracuse, NY 13202	INSURER A : Starr Indemnity & Liability Company — NAIC # 38318 INSURER B : Starr Surplus Lines Insurance Company — 13604 INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** W39996885 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:			1000065092241	08/31/2024	08/31/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Max Cap Aggregate	$ 1,000,000 $ 1,000,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $ 5,000,000
A	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			1000638054241	08/31/2024	08/31/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	[X] UMBRELLA LIAB [X] OCCUR EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			1000336165241	08/31/2024	08/31/2025	EACH OCCURRENCE AGGREGATE	$ 10,000,000 $ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: No (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		1000002931241	08/31/2024	08/31/2025	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
B	Contractors Operations and Professional Services (Pollution)			1000065861231	10/31/2023	08/31/2025	See Below	See Below

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project# Former Pratt Refinery and CitiStorage Sites - 1602540 (Land & Water) and 1602541.

Contractors E&O/Pollution Package General Aggregate Limit: $10,000,000
Contractor Pollution Liability: $10,000,000 Each Occurrence
Professional Liability: $10,000,000 Each Claim
Deductible: $25,000

CERTIFICATE HOLDER

The City of New York Department of Parks & Recreation
Attn: Construction Permits
Olmstead Center - Flushing Meadows - Corona Park
Flushing, NY 11368

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

AGENCY Willis Towers Watson Southeast, Inc.	NAMED INSURED EA Engineering and Geology, P.C. 333 West Washington Street, Suite 300 Syracuse, NY 13202
POLICY NUMBER See Page 1	
CARRIER See Page 1 / NAIC CODE See Page 1	EFFECTIVE DATE: See Page 1

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

The CITY OF NEW YORK, including it's officials and employees with respect to operations perform by the named insured at Former Pratt Refinery and CitiStorage Sites are included as Additional Insureds as respects to General Liability and Auto Liability where required by written contract.

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SR ID: 28208094 BATCH: 4074462 CERT: W39996885

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – AUTOMATIC STATUS AMENDATORY ENDORSEMENT

Policy Number: 1000638054241 **Effective Date:** 8/31/2024

Named Insured: Ea Engineering, Science, And T

This endorsement modifies the insurance coverage form(s) listed below that have been purchased by you and evidenced as such on the Declarations page. Please read the endorsement and respective policy(ies) carefully.

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

It is hereby agreed that **SECTION II – COVERED AUTOS LIABILITY COVERAGE, A. COVERAGE, 1. Who Is An Insured** of the Business Auto Coverage Form and Motor Carrier Coverage Form, and **SECTION I – COVERED AUTOS COVERAGES, D. Covered Autos Liability Coverage, 2. Who Is An Insured** of the Auto Dealers Coverage Form are amended to include the following:

Any person or organization whom you become obligated to include as an additional insured under this policy, as a result of any written contract or written agreement you enter into which requires you to furnish insurance to that person or organization of the type provided by this policy, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by your use of a covered "auto". However, the insurance afforded only applies to the extent permitted by law, and will not exceed the lesser of:

(1) The coverage and/or limits of this policy, or

(2) The coverage and/or limits required by such written contract or written agreement.

All other terms and conditions of this Policy remain unchanged.

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Starr Indemnity & Liability Company

Dallas, TX 1-866-519-2522

Primary and Non-contributory, Additional Insured and Waiver of Subrogation

Policy Number: 1000065092241 **Effective Date:** 08/31/2024 at 12:01 A.M.
Named Insured: Ea Engineering, Science, And Technology, Inc., Pbc

This endorsement modifies the insurance coverage form(s) listed below that have been purchased by you and evidenced as such on the Declarations page. Please read the endorsement and respective policy(ies) carefully.

Commercial General Liability Coverage Form
Owners and Contractors Protective Liability Coverage form
Products/Completed Operations Liability Coverage Form
Contractors Pollution Liability Coverage Form
Professional Liability Coverage Form
Site Pollution Liability Coverage Form

SCHEDULE
All as required by written, signed or executed contract.

A. **SECTION II - WHO IS AN INSURED** is amended to include as an insured the person or organization shown in the schedule of this endorsement, but only with respect to liability arising out of "your work" for that insured by or for you.

B. As respects additional insureds as defined above, this insurance also applies to "bodily injury" or "property damage" arising out of your negligence when the following written contract requirements are applicable:

1. Coverage available under this coverage part shall apply as primary insurance. Any other insurance available to these additional insured's shall apply as excess and not contribute as primary to the insurance afforded by this endorsement.

2. We waive any right of recovery we may have against these additional insured's because of payments we make for injury or damage arising out of "your work" done under a written contract with the additional insured.

3. The term insured is used separately and not collectively, but the inclusion of more than one insured shall not increase the limits or coverage provided by this insurance.

Insureds and Agents are advised that certificates of insurance should be used only to provide evidence of insurance in lieu of an actual copy of the applicable insurance policy. Certificates should not be used to amend, expand or otherwise alter the terms of the actual policy.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

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Starr Indemnity & Liability Company

Dallas, TX 1-866-519-2522

Signed for STARR INDEMNITY & LIABILITY COMPANY

Steve Blakey, President

Nehemiah E. Ginsburg, General Counsel

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CITY OF NEW YORK

CERTIFICATION BY INSURANCE BROKER OR AGENT

The undersigned insurance broker or agent represents to the City of New York that the attached Certificate of Insurance is accurate in all material respects.

Arthur J. Gallagher Risk Management

[Name of broker or agent (typewritten)]

One Jericho Plaza, Suite 200 Jericho NY 11753

[Address of broker or agent (typewritten)]

diana_bertoni@ajg.com

[Email address of broker or agent (typewritten)]

516-622-2432

[Phone number/Fax number of broker or agent (typewritten)]

Diana Bertoni

[Signature of authorized official, broker, or agent]

Diana Bertoni, Sr. Client Service Manager

[Name and title of authorized official, broker, or agent (typewritten)]

State of ...New York.....)
) ss.:
County of ...Nassau.....)

Sworn to before me this _4th__ day of _August 2025__

Joann J. Sparacio

NOTARY PUBLIC FOR THE STATE OF New York

JOANN J SPARACIO
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01SP6360887
Qualified in Nassau County
My Commission Expires 4/24/2029

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 7/28/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Arthur J. Gallagher Risk Management Services, LLC
One Jericho Plaza Ste 200
Jericho NY 11753

CONTACT NAME: Diana Bertoni
PHONE (A/C, No, Ext): 516-622-2432 **FAX (A/C, No):** 516-622-2632
E-MAIL ADDRESS: diana_bertoni@ajg.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Great Divide Insurance Company	25224
INSURER B : Key Risk Insurance Company	10885
INSURER C : Travelers Property Casualty Co of America	25674
INSURER D :	
INSURER E :	
INSURER F :	

INSURED AARCENV-01
AARCO Environmental Services Corp.
50 Gear Avenue
Lindenhurst, NY 11757

COVERAGES **CERTIFICATE NUMBER:** 2020671739 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY**	Y		ECP2019088-18	10/13/2024	10/13/2025	EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
	X Contractual Liab						MED EXP (Any one person)	$ 10,000
	X XCU Cover Includ						PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
B	**AUTOMOBILE LIABILITY**	Y		BAP2019087-18	10/13/2024	10/13/2025	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	ANY AUTO						BODILY INJURY (Per person)	$
	X OWNED AUTOS ONLY X SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
A	X **UMBRELLA LIAB** X OCCUR	Y		FFX2019090-18	10/13/2024	10/13/2025	EACH OCCURRENCE	$ 10,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$ 10,000,000
	DED X RETENTION $ 0							$
A	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y / N	N / A		WCA2019630-18	10/13/2024	10/13/2025	X PER STATUTE OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N **(Mandatory in NH)**						E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
A	Contractors Pollution Liab			ECP2019088-18	10/13/2024	10/13/2025	Each Occurrence/Agg	$1,000,000
A	Professional Liability			ECP2019088-18	10/13/2024	10/13/2025	Each Claim	$1,000,000
C	Property/Leased Rented Equip			QT6609K946430TIL24	10/13/2024	10/13/2025	Limit Per Item/Deduct	$180,000/$1,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Blanket Additional Insured for General Liability/Pollution Liability provided by endorsement #ECP1246 0121 and #ECP1248 0121 (includes Primary, Non-Contributory wording.). Umbrella policy is excess and follow-form all primary coverages including General Liability, Pollution Liability, Professional Liability, Automobile Liability and Employers Liability.

RE: Former Pratt Refinery and CitiStorage Sites in Brooklyn, NY, 1602540(Land and water) and 1602541
The City of New York Department of Parks & Recreation, The City of New York, including its officials and employees , EA Engineering and Geology P.C, EA Science and Technology, The State of new York, New York State Department of Environmental Conservation(NYSDEC), NYC and NYC Parks and Recs are See Attached...

CERTIFICATE HOLDER

The City of New York Department of Parks & Recreation
Attn: Construction Permits, Former Pratt Rafinery
Olmsted Center
Flushing Meadows-Corona Park
Flushing NY 11368

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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AGENCY CUSTOMER ID: AARCENV-01

LOC #:

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Arthur J. Gallagher Risk Management Services, LLC	AARCO Environmental Services Corp. 50 Gear Avenue Lindenhurst, NY 11757
POLICY NUMBER	
CARRIER / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

included as Additional Insureds as respects to General Liability, Auto Liability and Umbrella Liability policies, pursuant to and subject to the policy's terms, definitions, conditions and exclusions.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED -- OWNERS, LESSEES OR CONTRACTORS AUTOMATIC STATUS – ONGOING OPERATIONS – COVERAGE A, B, D.1 & D.4

Policy Number	Policy Effective Date	Policy Expiration Date	Endorsement Effective Date
ECP2019088-18	10/13/2024	10/13/2025	10/13/2024

This endorsement modifies insurance provided under the following:

ENVIRONMENTAL COMBINED POLICY

I. SECTION III – WHO IS AN INSURED is amended to include as an additional **insured**:

1. Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement, in effect during this **policy period**, that such person or organization be added as an additional **insured** on this policy; and

2. Any other person or organization you are explicitly required to add as an additional **insured** under the contract or agreement described in Paragraph **1.** above.

Such contract or agreement must be executed and in effect prior to the performance of **your work** which is the subject of such contract or agreement.

Such person(s) or organization(s) is an additional **insured** only with respect to liability for **bodily injury** or **property damage** under **SECTION I – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY, Coverage D.1 – Contractors Pollution Legal Liability** and **Coverage D.4 – Microbial Substance Contractors Pollution Liability,** or personal injury or advertising injury under **SECTION I - COVERAGE B – PERSONAL AND ADVERTISING INJURY LIABILITY** directly caused by:

a. Your acts or omissions; or
b. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional **insured** described in Paragraph **1.** or **2.** above.

However, the insurance afforded to such additional **insured** described above:

a. Only applies to the extent permitted by law; and
b. Will not be broader than that which you are required by the contract or agreement to provide for such additional **insured**, and
c. Will not extend beyond that which is provided to you in this policy.

A person's or organization's status as an additional **insured** under this endorsement ends when your operations for the person or organization described in Paragraph **1.** above are completed.

II. With respect to the insurance afforded to these additional **insureds**, the following additional exclusions apply:

This insurance does not apply to:

a. Bodily injury, **property damage** or **personal and advertising injury** arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

(1) The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
(2) Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the **claims** against any **insured** allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that **insured**, if the **occurrence** which caused the **bodily injury** or **property damage**, or the offense which caused the **personal and advertising injury**, involved the rendering of, or the failure to render any professional architectural, engineering or surveying services.

b. Bodily injury or **property damage** occurring after:

(1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional **insured**(s) at the location of the **covered operations** has been completed; or

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(2) That portion of **your work** out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

III. With respect to the insurance afforded to these additional **insureds**, the following is added to **SECTION V – LIMITS OF INSURANCE**:

The most we will pay on behalf of the additional **insured** is the amount of insurance:

1. Required by the contract or agreement described in Paragraph **I.1.**; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

IV. With respect to the insurance afforded to these additional **insureds**, the following is added to **SECTION VI – REPORTING, DEFENSE, SETTLEMENT & COOPERATION**:

1. Duties -- Additional Insured

An additional **insured** must see to it that:

a. We are notified in writing as soon as practicable of an **occurrence** or offense which may result in a **claim** or **suit;**
b. We receive written notice of a **claim** or **suit** as soon as practicable; and
c. A request for defense and indemnity of the **claim** or **suit** will promptly be brought against any policy issued by another insurer under which the additional **insured** may be an insured in any capacity. This provision does not apply to insurance on which the additional **insured** is a **Named Insured**, if the contract or agreement requires that this coverage be primary and noncontributory.

V. SECTION VII – CONDITION 10. – Other Insurance is amended by the addition of the following which supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to a person(s) or organization(s) included as an additional **insured** under this endorsement provided that:

1. The additional **insured** person(s) or organization(s) is a **Named Insured** under such other insurance; and
2. You have agreed in writing in a contract or agreement, in effect during this **policy period**, that this insurance would be primary and would not seek contribution from any other insurance available to the additional **insured** person(s) or organization(s). Such contract or agreement must be executed and in effect prior to the performance of **your work** which is the subject of such contract or agreement.

However, this provision does not apply if the other insurance available to the person(s) or organization(s) included as an additional **insured** is Owners and Contractors Protective Liability, Railroad Protective Liability, or similar project-specific, primary insurance.

VI. This endorsement does not apply to an additional **insured** which has been added to this policy by an endorsement showing the additional **insured** in a **SCHEDULE** of additional **insureds**, and which endorsement applies to that designated additional **insured**.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED -- OWNERS, LESSEES OR CONTRACTORS AUTOMATIC STATUS – COMPLETED OPERATIONS – COVERAGE A, D.1 & D.4

Policy Number	Policy Effective Date	Policy Expiration Date	Endorsement Effective Date
ECP2019088-18	10/13/2024	10/13/2025	10/13/2024

This endorsement modifies insurance provided under the following:

ENVIRONMENTAL COMBINED POLICY

I. SECTION III – WHO IS AN INSURED is amended to include as an additional **insured**:

1. Any person or organization for whom you have performed operations when you and such person or organization have agreed in writing in a contract or agreement, in effect during this **policy period**, that such person or organization be added as an additional **insured** on this policy; and

2. Any other person or organization you are explicitly required to add as an additional **insured** under the contract or agreement described in Paragraph **1.** above.

Such contract or agreement must be executed and in effect prior to the performance of **your work** included in the **products-completed operations hazard** which is the subject of such contract or agreement.

Such person(s) or organization(s) is an additional **insured** only with respect to liability for **bodily injury** or **property damage** under **SECTION I – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY, Coverage D.1 – Contractors Pollution Legal Liability** and **Coverage D.4 – Microbial Substance Contractors Pollution Liability,** directly caused by **your work** performed for the additional **insured** described in Paragraph **1.** or **2.** above, and included in the **products-completed operations hazard**.

However, the insurance afforded to such additional **insured** described above:

a. Only applies to the extent permitted by law; and
b. Will not be broader than that which you are required by the contract or agreement to provide for such additional **insured**; and
c. Will not extend beyond that which is provided to you in this policy.

II. With respect to the insurance afforded to these additional **insureds**, the following additional exclusions apply:

This insurance does not apply to:

a. **Bodily injury** or **property damage** arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:
(1) The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
(2) Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the **claims** against any **insured** allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that **insured**, if the **occurrence** which caused the **bodily injury** or **property damage** involved the rendering of, or the failure to render any professional architectural, engineering or surveying services.

III. With respect to the insurance afforded to these additional **insureds**, the following is added to **SECTION V – LIMITS OF INSURANCE**:

The most we will pay on behalf of the additional **insured** is the amount of insurance:
1. Required by the contract or agreement described in Paragraph **I.1.**; or
2. Available under the applicable limits of insurance;
whichever is less.

This endorsement shall not increase the applicable limits of insurance.

IV. With respect to the insurance afforded to these additional **insureds**, the following is added to **SECTION VI –**

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REPORTING, DEFENSE, SETTLEMENT & COOPERATION:

1. Duties -- Additional Insured

An additional **insured** must see to it that:

a. We are notified in writing as soon as practicable of an **occurrence** which may result in a **claim** or **suit;**

b. We receive written notice of a **claim** or **suit** as soon as practicable; and

c. A request for defense and indemnity of the **claim** or **suit** will promptly be brought against any policy issued by another insurer under which the additional **insured** may be an insured in any capacity. This provision does not apply to insurance on which the additional **insured** is a **Named Insured**, if the contract or agreement requires that this coverage be primary and noncontributory.

V. SECTION VII – CONDITION 10. – Other Insurance is amended by the addition of the following which supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to a person(s) or organization(s) included as an additional **insured** under this endorsement provided that:

1. The additional **insured** person(s) or organization(s) is a **Named Insured** under such other insurance; and

2. You have agreed in writing in a contract or agreement, in effect during this **policy period**, that this insurance would be primary and would not seek contribution from any other insurance available to the additional **insured** person(s) or organization(s). Such contract or agreement must be executed and in effect prior to the performance of **your work** included in the **products-completed operations hazard** which is the subject of such contract or agreement.

However, this provision does not apply if the other insurance available to the person(s) or organization(s) included as an additional **insured** is Owners and Contractors Protective Liability, Railroad Protective Liability, or similar project-specific, primary insurance.

VI. This endorsement does not apply to an additional **insured** which has been added to this policy by an endorsement showing the additional **insured** in a **SCHEDULE** of additional **insureds**, and which endorsement applies to that designated additional **insured**.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF SUBROGATION
(TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US)
AUTOMATIC STATUS

Policy Number	Policy Effective Date	Policy Expiration Date	Endorsement Effective Date
ECP2019088-18	10/13/2024	10/13/2025	10/13/2024

This endorsement modifies insurance provided under the following:

ENVIRONMENTAL COMBINED POLICY

I. The following is added to Paragraph **17. Subrogation** of **SECTION VII – CONDITIONS:**

We waive any right of recovery against any person(s) or organization(s) because of payments we make under **COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**, **COVERAGE B – PERSONAL AND ADVERTISING INJURY LIABILITY**, and **COVERAGE D – CONTRACTORS POLLUTION LIABILITY** under this policy. under this policy.

Such waiver by us applies only if:

1. The **insured** has agreed in writing in a contract or agreement with such person(s) or organization(s) to waive its right of recovery; and

2. The **insured** has waived its right of recovery against such person(s) or organization(s) prior to loss.

This waiver also extends to any other person or organization you are explicitly required to waive rights of recovery under the contract or agreement described in Paragraph **1.** above.

This endorsement does not apply to any person(s) or organization(s) designated in a **SCHEDULE** of person(s) or organization(s) against whom rights of recovery have been waived.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

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ENDORSEMENT

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED PERSON / ORGANIZATION – NOTICE OF CANCELLATION – PROVIDED BY US

Policy Number	Policy Effective Date	Policy Expiration Date	Endorsement Effective Date
ECP2019088-18	10/13/2024	10/13/2025	10/13/2024

This endorsement modifies insurance provided under the following:

ENVIRONMENTAL COMBINED POLICY

The following is added to **Section V – POLICY CONDITIONS, 2. Cancellation:**

SCHEDULE

Number of Days Advance Notice Of Cancellation:	Thirty **(30)** Days

Designated Person or Organization:	Any person or organization with whom you have agreed in a written contract or written agreement that advance Notice Of Cancellation will be provided.

This advance Notice Of Cancellation can only be provided to the designated person(s) or organization(s) shown in the Schedule if the following Conditions are satisfied:

1. You send us a written request to provide such Notice, including the name(s) and correct and complete physical mailing address(es) of each person and organization immediately following the first Named Insured's receipt of a Notice Of Cancellation By Us; and
2. We receive such written request no less than fourteen **(14)** days before the beginning of the applicable Number of Days Advance Notice Of Cancellation shown in the Schedule.

If we cancel this policy for any statutorily permitted reason other than nonpayment of the premium, we will mail advance Notice Of Cancellation to the designated person(s) or organization(s) described in the Schedule, upon receipt of your written request, in accordance with Condition **1.** above. We will mail such advance Notice to the address(es) provided, at minimum, the number of days indicated in the Schedule, before the effective date of cancellation.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below:

Named Insured: AARCO Environmental Services Corp.
Endorsement Effective Date: 10/13/2024

SCHEDULE

Name Of Person(s) Or Organization(s):
As required by wriiten contract agreement
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1**. of Section **II -** Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I -** Covered Autos Coverages of the Auto Dealers Coverage Form.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

A. The following is added to the **Other Insurance** Condition in the Business Auto Coverage Form and the **Other Insurance – Primary And Excess Insurance Provisions** in the Motor Carrier Coverage Form and supersedes any provision to the contrary:

This Coverage Form's Covered Autos Liability Coverage is primary to and will not seek contribution from any other insurance available to an "insured" under your policy provided that:

1. Such "insured" is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to such "insured".

B. The following is added to the **Other Insurance** Condition in the Auto Dealers Coverage Form and supersedes any provision to the contrary:

This Coverage Form's Covered Autos Liability Coverage and General Liability Coverages are primary to and will not seek contribution from any other insurance available to an "insured" under your policy provided that:

1. Such "insured" is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to such "insured".

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WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: AARCO Environmental Services Corp.
Endorsement Effective Date: 10/13/2024

SCHEDULE

Name(s) Of Person(s) Or Organization(s):
Any person or organization as required in writing by contract or agreement prior to loss
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

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USDOT Number:_____ Date Received:_____

Please note, the expiration date as stated on this form relates to the process for renewing the Information Collection Request for this form with the Office of Management and Budget. This requirement to collect information as requested on this form does not expire. For questions, please contact the Office of Registration and Safety Information, Registration, Licensing, and Insurance Division.

A Federal Agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2126-0008. Public reporting for this collection of information is estimated to be approximately 2 minutes per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Motor Carrier Safety Administration, MC-RRA, Washington, D.C. 20590.

United States Department of Transportation
Federal Motor Carrier Safety Administration

Endorsement for Motor Carrier Policies of Insurance for Public Liability under Sections 29 and 30 of the Motor Carrier Act of 1980

FORM MCS-90

Issued to AARCO Environmental Services Corp *(Motor Carrier name)* **of** New York *(Motor Carrier state or province)*

Dated at 12:00 noon **on this** 13th **day of** October, 2024

Amending Policy Number: BAP2019087-18 **Effective Date:** 10/13/2024

Name of Insurance Company: Key Risk Insurance Company

Countersigned by: Chris DeLauder *(authorized company representative)*

The policy to which this endorsement is attached provides primary or excess insurance, as indicated for the limits shown *(check only one)*:

- (●) *This insurance is primary and the company shall not be liable for amounts in excess of $* 1,000,000.00 *for each accident.*
- ( ) *This insurance is excess and the company shall not be liable for amounts in excess of $* _____ *for each accident in excess of the underlying limit of $* _____ *for each accident.*

Whenever required by the Federal Motor Carrier Safety Administration (FMCSA), the company agrees to furnish the FMCSA a duplicate of said policy and all its endorsements. The company also agrees, upon telephone request by an authorized representative of the FMCSA , to verify that the policy is in force as of a particular date. The telephone number to call is: 201-748-3043.

Cancellation of this endorsement may be effected by the company or the insured by giving (1) thirty-five (35) days notice in writing to the other party (said 35 days notice to commence from the date the notice is mailed, proof of mailing shall be sufficient proof of notice), and (2) if the insured is subject to the FMCSA's registration requirements under 49 U.S.C. 13901, by providing thirty (30) days notice to the FMCSA (said 30 days notice to commence from the date the notice is received by the FMCSA at its office in Washington, DC).

Filings must be transmitted online via the Internet at http://www.fmcsa.dot.gov/urs.

(continued on next page)

DEFINITIONS AS USED IN THIS ENDORSEMENT

Accident includes continuous or repeated exposure to conditions or which results in bodily injury, property damage, or environmental damage which the insured neither expected nor intended.

Motor Vehicle means a land vehicle, machine, truck, tractor, trailer, or semitrailer propelled or drawn by mechanical power and used on a highway for transporting property, or any combination thereof.

Bodily Injury means injury to the body, sickness, or disease to any person, including death resulting from any of these.

Property Damage means damage to or loss of use of tangible property.

Environmental Restoration means restitution for the loss, damage, or destruction of natural resources arising out of the accidental discharge, dispersal, release or escape into or upon the land, atmosphere, watercourse, or body of water, of any commodity transported by a motor carrier. This shall include the cost of removal and the cost of necessary measures taken to minimize or mitigate damage to human health, the natural environment, fish, shellfish, and wildlife.

Public Liability means liability for bodily injury, property damage, and environmental restoration.

The insurance policy to which this endorsement is attached provides automobile liability insurance and is amended to assure compliance by the insured, within the limits stated herein, as a motor carrier of property, with Sections 29 and 30 of the Motor Carrier Act of 1980 and the rules and regulations of the Federal Motor Carrier Safety Administration (FMCSA).

In consideration of the premium stated in the policy to which this endorsement is attached, the insurer (the company) agrees to pay, within the limits of liability described herein, any final judgment recovered against the insured for public liability resulting from negligence in the operation, maintenance or use of motor vehicles subject to the financial responsibility requirements of Sections 29 and 30 of the Motor Carrier Act of 1980 regardless of whether or not each motor vehicle is specifically described in the policy and whether or not such negligence occurs on any route or in any territory authorized to be served by the insured or elsewhere. Such insurance as is afforded, for public liability, does not apply to injury to or death of the insured's employees while engaged in the course of their employment, or property transported by the insured, designated as cargo. It is understood and agreed that no condition, provision, stipulation, or limitation contained in the policy, this endorsement, or any other endorsement thereon, or violation thereof, shall relieve the company from liability or from the payment of any final judgment, within the limits of liability herein described, irrespective of the financial condition, insolvency or bankruptcy of the insured. However, all terms, conditions, and limitations in the policy to which the endorsement is attached shall remain in full force and effect as binding between the insured and the company. The insured agrees to reimburse the company for any payment made by the company on account of any accident, claim, or suit involving a breach of the terms of the policy, and for any payment that the company would not have been obligated to make under the provisions of the policy except for the agreement contained in this endorsement.

It is further understood and agreed that, upon failure of the company to pay any final judgment recovered against the insured as provided herein, the judgment creditor may maintain an action in any court of competent jurisdiction against the company to compel such payment.

The limits of the company's liability for the amounts prescribed in this endorsement apply separately to each accident and any payment under the policy because of anyone accident shall not operate to reduce the liability of the company for the payment of final judgments resulting from any other accident.

(continued on next page)

SCHEDULE OF LIMITS — PUBLIC LIABILITY

Type of carriage	Commodity transported	January 1, 1985
(1) For-hire (in interstate or foreign commerce, with a gross vehicle weight rating of 10,001 or more pounds).	Property (nonhazardous)	$750,000
(2) For-hire and Private (in interstate, foreign, or intrastate commerce, with a gross vehicle weight rating of 10,001 or more pounds).	Hazardous substances, as defined in 49 CFR 171.8, transported in cargo tanks, portable tanks, or hopper-type vehicles with capacities in excess of 3,500 water gallons; or in bulk Division 1.1, 1.2, and 1.3 materials, Division 2.3, Hazard Zone A, or Division 6.1, Packing Group I, Hazard Zone A material; in bulk Division 2.1 or 2.2; or highway route controlled quantities of a Class 7 material, as defined in 49 CFR 173.403.	$5,000,000
(3) For-hire and Private (in interstate or foreign commerce, in any quantity; or in intrastate commerce, in bulk only; with a gross vehicle weight rating of 10,001 or more pounds).	Oil listed in 49 CFR 172.101; hazardous waste, hazardous materials, and hazardous substances defined in 49 CFR 171.8 and listed in 49 CFR 172.101, but not mentioned in (2) above or (4) below.	$1,000,000
(4) For-hire and Private (In interstate or foreign commerce, with a gross vehicle weight rating of less than 10,001 pounds).	Any quantity of Division 1.1, 1.2, or 1.3 material; any quantity of a Division 2.3, Hazard Zone A, or Division 6.1, Packing Group I, Hazard Zone A material; or highway route controlled quantities of a Class 7 material as defined in 49 CFR 173.403.	$5,000,000

*The schedule of limits shown does not provide coverage. The limits shown in the schedule are for information purposes only.

WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY
WC 00 03 13 04 84

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization as required in writing by contract or agreement prior to loss.

© 1983 National Council on Compensation Insurance

ENDORSEMENT

This endorsement forms a part of the policy to which it is attached. Please read it carefully.

NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

FOLLOW FORM EXCESS LIABILITY COVERAGE FORM

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):
Where required by written contract between the Named Insured and an Additional Insured.

Paragraph **8.** Of **Section III – Conditions** is deleted and replaced by the following:

8. Other Insurance

a. This insurance is excess over, and shall not contribute with any of the other insurance, whether primary, excess, contingent or on any other basis. However:

(1) This condition will not apply to other insurance specifically written as excess over this Coverage Form.

(2) The insurance provided under this Coverage Form will not seek contribution from any other insurance available to an additional insured, provided that:

(a) The additional insured is a Named Insured under such insurance;

(b) The additional insured is shown in the Schedule; and

(c) You have agreed in writing in a contract or agreement that this insurance would not seek contribution from any other insurance available to the additional insured.

When this insurance is excess, if no other insurer defends, we will undertake to do so, but we will be entitled to the insured's rights against all those other insurers.

b. When this insurance is excess over other insurance, we will pay only our share of the **ultimate net loss** that exceeds:

(1) The total amount that all such other insurance would pay for the loss in the absence of the insurance provided under this Coverage Form; plus

(2) The total of all deductible and self-insured amounts under all that other insurance.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

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Appendix D
Sediment Logs

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SEDIMENT SAMPLING LOG

Client Name and Project Name: NYDEC Siti/Pratt

Location/Boring Name: SED-BI-01

Sheet: 1 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 10/2/25@1315	10/3/25@1000
2 Subcontractor/Equipment Operator: AMEC	6 Latitude/Northing/Grid: Field Maps	9 ~~Sed Surface Elevation~~	-1.455 / ft
3 Operator Name *(Licence # If Required)*: Angel Medrano	7 Longitude/Easting/Grid: Field maps	10 Coordinate System H / V	
		11 Depth of Water (start): 15.2	ft
		12 Depth of Water (end): 11.7	ft
		13 Sunny/Cloudy/Rain: Sunny	
		14 Temperature (start/high): 75	F
		15 Wind Direction: 5 NE	
		16 Total Boring Depth: 60 BML	ft
		17 Recovery Depth: 4.0 ft 80	%

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [ ] Sample Collection Method: Jar (VOC) and Composite

18 Location Notes: surface water elevation only, no bathy survey for sediment elevation

Interval (Depth)	Recovery (ft & %)	Description of Materials — Munsell Color, Moisture, Density; Consistency (Other Remarks)	Sample ID — Sample Interval	USCS Code
5	20%	Silt, very soft, Gley1/black, wet, non-plastic, non-cohesive, saturated, strong petroleum-like oder, postive sheen	SED-BI-01-00-04	ML
10				
15	40%	(10-20) Silt with sand, Gley1/black, very soft, wet, fine SAND (no gravel), sand 30%, medium plastic, medium cohesive, strong petroleum-like oder, trace sheen in shaker test, trace organic debris (wood chips/pilins debris)	SED-BI-01-~~04~~-12R 15-20	CL
20				
25	70%	(20-21) Sandy, fat clay with gravel, st.ff, 7.5YR 7/3 mottled with 2.5Y 6/1, dry, fine SAND, small angular gravels <15%, no oder, no sheen (21-23.5) Poorly-graded sand, loose, 10YR 3/4, coarse SAND (no gravels/silt), wet, no odor, no sheen		CH SP
30		(23.5-25) St Poorly-graded sand with gravel, loose, 10YR 3/4, course SAND, some small angular gravels <.5", wet, no oder, no sheen, loose, staining (25-30) Sandy lean clay, 2.5Y 6/1, mottled with, pet-stainins (10YR 7/8), dry, fine sand (no gravel), mildly plastic, non-cohesive, no oder		SP CL
35	75%	~~(30-32)~~ * (30-37) Sandy fat clay, very st.ff, 10B 7/1, highly plastic, medium cohesive, fine SAND 15%, dry-moist, no oder		CH
40		(37-40) Sandy lean clay, medium dense, 10YR 5/2, fine to medium-sand 30%, medium plastic, medium cohesive, wet, trace small gravels (5%), no odor, no sheen		CL

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Citi/Prof'l	SED-DJ-01	2 of 9

1 Geologist Name/Signature: K. Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 10/2/25@1315	10/2/25@ ~~10/3/25~~ 1600
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: Field maps	9 Sed Surface Elevation:	ft
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: field maps	10 Coordinate System: H V	
		11 Depth of Water (start):	ft
		12 Depth of Water (end):	ft
		13 Sunny/Cloudy/Rain:	
		14 Temperature (start/high):	F
4 Sampling Equipment and Methodology (Check One)		15 Wind Direction:	
[x] Rotosonic: 10 -ft barrel 4-6 -in diameter _____ -ft spoon/sample		16 Total Boring Depth:	ft
[ ] Core: ___ -ft barrel ___ -in diameter _____ -VPM Manual/Vibracore/Other		17 Recovery Depth: ft	%
[ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other		18 Location Notes: See PSI notes	
[ ] Other:			
[x] Sample Collection Method: Grab / Composite			

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture, Density, Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
45	100%	(40'-43.5') Sandy lean clay, soft, 10YR 4/2, trace angular to subrounded gravels <.25", moist, trace pet like odor, no sheen, trace organic odor, mildly plastic, mildly cohesive (43.5'-45') SAA transitioned to grayish brown 10YR 5/2		CL
50		(45'-50') 10YR 7/1, fat clay with sand, very stiff, medium sand, highly plastic, non-cohesive, dry, no odor no sheen		CH
55	100%	(50'-60') Fat clay, 2.5Y 7/1, hard, highly cohesive, highly plastic, mildly cohesive, dry, no odors		CH
60				
		60' bgs / bmi bottom of boring		

PR

SED-BI-01		
Date	**Depth Interval (ft bgs)**	**PID Reading**
10/2/2025	0-0.5	3.3
10/2/2025	0.5-10	3.3
10/2/2025	10-15	3
10/2/2025	18-20	19
10/2/2025	20-22	0.4
10/2/2025	22-24	1.5
10/2/2025	24-26	0.7
10/2/2025	26-28	0.4
10/2/2025	28-30	0.6
10/2/2025	30-32	4.3
10/2/2025	33-35	7
10/2/2025	35-37	5.2
10/2/2025	38-40	4.1
10/2/2025	40-42	3.2
10/2/2025	43-45	2.9
10/2/2025	45-47	5
10/2/2025	48-50	4.6
10/2/2025	56-58	Not Available

SEDIMENT SAMPLING LOG

Client Name and Project Name: NAVFAC CA1/Pearl	Location/Boring Name: SED BI-02	Sheet: 1 of 2	
1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start/Stop (Date/Time): 10/2/25 @ 0730 | 10/2/25 @ 1145	
2 Subcontractor/Equipment Operator: AARC	6 Latitude/Northing/Grid: Field maps	9 Sed Surface Elevation: 0.251	ft
		10 Coordinate System: H	V
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: Field maps	11 Depth of Water (start): 13.1	ft
		12 Depth of Water (end): 12.6	ft
		13 Sunny/Cloudy/Rain: Sunny	
		14 Temperature (start/high): 75+	F
4 Sampling Equipment and Methodology (Check One)		15 Wind Direction: Temp SW	
☒ Rotosonic 10 -ft barrel 4 -in diameter 1 -ft spoon/sample		16 Total Boring Depth: LEC below mudline	ft
☐ Core ___ -ft barrel ___ -in diameter ___ -VPM Manual/Vibracore/Other		17 Recovery Depth: LEA ft 80	%
☐ Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other		18 Location Notes: surface water elevation only, no bathy survey	
☐ Other			
☒ Sample Collection Method: VOC (grab) and Composite			

Interval (Depth)	Recovery (ft & %)	Description of Materials — Munsell Color, Moisture, Density, Consistency (Other Remarks)	Sample ID / Sample Interval	USCS Code
5	40%	(0-5) very soft Grey 2/black, silt, wet, non-plastic, mildly plastic, mildly cohesive, strong petroleum-like odor, saturated, sheen positive	SED-BI-02-00-05	ML
10	40%	(5-10) very soft / SAA		ML
15	50%	(10-19) very soft, Grey 2/black, wet, silt with fine sand, mildly plastic, mildly cohesive, petroleum-like odor (strong), sheen positive, ##	SED-BI-02-10-12 / SED-BI-02-13-15	ML
20		(19-20) soft, 5Y 3/1 mottled with Grey 2/black, soft, wet, sandy silt, fine sand (no gravels), mildly plastic, mildly cohesive, wet, petroleum-like odor (moderate), wet saturated, positive sheen, trace organic debris (wood chips)		ML
25	70%	(20-22) well-graded sand with silt and gravel, loose, 10YR 4/3, fine to coarse sand, small to large blocky & granular gravels up to 1", moist, trace petroleum-like odor, staining (Grey/Black), very trace sheen in shaker, wet	SED-BI-02-20-22	SW-SM
30		(22-25) medium, 10YR 4/2, fine sand, trace <5% small rounded gravels [silt with sand], mildly plastic, non-cohesive, moist no odor, no sheen		ML
		(25-26) lean clay with sand, medium, 10YR 4/2, fine to medium sand, medium plastic, mildly cohesive, moist		ML
35	20% 30	(26-30) well-graded Sand w/gravel, loose, 10YR 4/2, moist, fine to coarse sand, small to large rounded to angular gravels up to 1.5", no odor, no sheen		SW
40	0%	(30-40) no recovery due to boulder/rock		

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NMOC CBI/Pratt	SED-BI-02	2 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number	8 Start - Stop (Date/Time): 10/2/25@0735 | 10/2/25@1145
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid	9 Sed Surface Elevation ft 10 Coordinate System H V 11 Depth of Water (start) ft
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid	12 Depth of Water (end) ft 13 Sunny/Cloudy/Rain 14 Temperature (start/high) F
4 Sampling Equipment and Methodology (Check One) ☒ Rotosonic. 10 -ft barrel 4 -in diameter _____ -ft spoon/sample ☐ Core ___ -ft barrel ___ -in diameter _____ -VPM Manual/Vibracore/Other ☐ Grab Sample. -ft x -ft x -ft Box/Ponar/Van Veen/Other ☐ Other Sample Collection Method: Grab(VCC) and Composite		15 Wind Direction 16 Total Boring Depth ft 17 Recovery Depth 60 ft % 18 Location Notes: See page 1 for loc. notes

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	USCS Code
45	3.5ft	~~(45-50)~~ no recovery due to boulder/rock		
		(50-53) Gravelly lean clay with sand, medium, 7.5YR 5/6, fine to coarse sand, small to large sub-rounded to angular gravels <.1 to 1.5", wet, no odor, no sheen, non-plastic, non cohesive		CL
		~~(50-53) Fat clay, medium, 7.5YR 5/6, fi~~		
		(50-53) Fat clay, 2.5Y 7/1, hard, dry, highly plastic, highly cohesive	SED-BI-02-SS-57	CH
50		(53-57) Sandy, Fat clay, 2.5Y 7/1, moist, coarse sand, highly plastic, highly cohesive, no odor		CH
	100%	(57-60) Fat clay, 2.5Y 7/1 mottled with 10YR 8/1, highly plastic, highly cohesive, moist, no odor, no sheen		CH
55				
60				
		60' below mudline bottom of boring		

SED-BI-02		
Date	**Depth Interval (ft bgs)**	**PID Reading**
10/2/2025	0-0.5	1.6
10/2/2025	0.5-10	2.2
10/2/2025	10-15	1.5
10/2/2025	15-20	1.6
10/2/2025	20-22	2.1
10/2/2025	23-25	1.7
10/2/2025	25-27	1.7
10/2/2025	28-30	1.2
10/2/2025	30-40	0
10/2/2025	40-50	2.6
10/2/2025	50-52	0.2
10/2/2025	52-54	0.2
10/2/2025	54-56	0.2
10/2/2025	56-58	0.4
10/2/2025	58-60	1.6

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Citi/Pratt	SED-BI-03 SED-BI-04	1 of 2

1 Geologist Name/Signature	5 Project Number	8 Start - Stop (Date/Tme)	
Kaitlyn Cameron		10/1/25 @ 1145	10/1/25 @ 1750
2 Subcontractor/Equipment Operator	**6 Latitude/Northing/Grid**	**9 Sed Surface Elevation**	-0.880 ft
AARCO	field maps	10 Coordinate System H V	
3 Operator Name (Licence # If Required)	**7 Longitude/Easting/Grid**	11 Depth of Water (start)	12.2 ft
Angel Medrano	field maps	12 Depth of Water (end)	9.7 ft
		13 Sunny/Cloudy/Rain	Sunny
		14 Temperature (start/high)	73 F
		15 Wind Direction	SW
		16 Total Boring Depth	40 BML ft
		17 Recovery Depth	40 ft 80 %
		18 Location Notes	elevation top of water only using rover

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:

Sample Collection Method VOC (grab) and Composite

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
	30% low recovery	~~VOC~~ (0-10) very soft, Gley 2/black, silt, wet, non-plastic, non-cohesive, strong petroleum-like odor, positive sheen	SED-BI-03-20 06	ML
5				
10		(10-15') SAA, trace organic debris/wood chips	See logbook for sample ID's	
	30% low recovery	~~SAA, trace organic debris/wood chips~~		ML
15				
20		(15-20') Sandy lean clay with gravel, medium dense, 2.5Y 6/1, mottled and striated with 2.5Y 6/6, 5YR 4/2 and 5Y 6/1, fine to medium SAND, mildly plastic, mildly cohesive, dry, trace pet-like odor,		CL
25	60%	(20-22) sandy silt, very soft, 5Y 2.5/1, fine SAND, medium SAND, 10YR 4/3, non-plastic, non-cohesive, dry, no odor, no sheen		ML
		(22-30) Sandy fat clay, fine to medium SAND, 2.5Y 6/1 medium dense, highly plastic, medium cohesive, moist, no odor		CH
30				
35	40%	(30-40') Sandy fat clay, fine to medium SAND, 10YR 4/4, very trace <5% angular gravels less than <.25", highly plastic, medium cohesive, moist, no odor		CH
40				

SEDIMENT SAMPLING LOG

Client Name and Project Name: NYSEC Citi/Prat'	Location/Boring Name: ~~SED-BT-04~~ SED-BT-01	Sheet: 1 of 2	
1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 10/1/25 @ 1145 — 10/1/25 @ 1750	
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: field maps	9 Sed Surface Elevation: ft	
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: field maps	10 Coordinate System: H V	
		11 Depth of Water (start): ft	
		12 Depth of Water (end): ft	
		13 Sunny/Cloudy/Rain	
		14 Temperature (start/high): F	
		15 Wind Direction	
		16 Total Boring Depth: ft	
		17 Recovery Depth: ft %	
		18 Location Notes: see pg 1. for notes	

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:

Sample Collection Method: Grab / Composite

Interval (Depth)	Recovery (ft & %)	Description of Materials — Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID / Sample Interval	USCS Code
45		(40-45') Sandy lean clay with gravel, medium, 10YR 4/4 dense, medium plastic, mild cohesive, moist, some angular to rounded gravels up to 1/2", trace petLike odor, trace stainge of Bley 2/black		CL
50		(45-50') Fat Clay, hard, primary color 10YR 7/1, heavily mottled with 5YR 6/4 and 2.5Y 6/6, highly plastic, non-cohesive, dry, no odor		CH
55		(50'-60') Fat Clay, hard 5Y 7/1, highly plastic, non-cohesive/mildly cohesive, dry, uniform throughout, no odor		CH
60		60' bgs / bml bottom of boring		

SED-BI-03		
Date	**Depth Interval (ft bgs)**	**PID Reading**
10/1/2025	0-0.5	9.3
10/1/2025	5-10	6.2
10/1/2025	10-15	11.7
10/1/2025	15-17	54.2
10/1/2025	17-19	6.9
10/1/2025	20-22	2.8
10/1/2025	22-24	2.3
10/1/2025	24-26	2.3
10/1/2025	26-28	1.7
10/1/2025	28-30	2.1
10/1/2025	30-35	2.8
10/1/2025	35-40	3.1
10/1/2025	40-45	0.8
10/1/2025	45-40	1.3
10/1/2025	50-52	0.9
10/1/2025	52-54	0.1
10/1/2025	54-56	0.1
10/1/2025	56-58	0.1
10/1/2025	58-60	0.2

SEDIMENT SAMPLING LOG

Client Name and Project Name: NYPA CH/Pratt

Location/Boring Name: ~~SED-BJ-03-CH-KL~~

Sheet: 1 of 2

1 Geologist Name/Signature: K. Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 10/1/25 @ 0745	10/1/25 @ 1045
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: field maps	9 ~~Sed Surface Elevation~~	-.426 ft
		10 Coordinate System	H V
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: field maps	11 Depth of Water (start)	8.18 ft
		12 Depth of Water (end)	8.71 ft
		13 Sunny/Cloudy/Rain	Sunny
		14 Temperature (start/high)	66° F
		15 Wind Direction	12 mph SE
		16 Total Boring Depth	60' below mudline ft
		17 Recovery Depth	ft %
		18 Location Notes	surface water elevation only

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [ ] Sample Collection Method: Grab (VOC) and Composite

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	USCS Code
5	80%	Very soft, Gley2/Black, silt, wet, fine silt, petroleum like odor, saturated, positive sheen (0-10)	SED-BJ-04-0.0-0.6	ML
10				
15	100%	(10-14) Soft, Gley2/black, silt with sand, fine sand, wet medium plastic, medium cohesive, saturated, strong petroleum-like odor, trace sheen/positive sheen	See logbook for samples	CL
		(14-16) Sandy lean clay, 2.5Y 8/2, mottled with 10Y 6/2 and Gley2/black, fine sand, trace staining, no odor, medium plastic, non-cohesive, dry		CL
		(16-18) SAA mottled with 5Y 6/8 and 5Y 4/1, dry		CL
20		(15-20) Sandy, fat clay, 2.5Y 8/2, staining of Gley2/black, mottled with 5Y 3/2, highly plastic, mildly cohesive		CH
25	25% low recovery	(20-30) low recovery. Gravelly lean clay with sand, medium, 5Y 4/1, mottled with 5Y 5/4 and 10YR 9/5/1, small trace rounded gravels 95% gravels, medium plastic, low cohesive no odor, no sheen		CL
30		(30-31.5) silt with sand, medium, 5-Y 3/2, moist, fine to medium sand, non-plastic, non-cohesive, no odor no sheen		ML
		(31.5-40) Sandy silt with trace <5% gravel, medium dense, dry, 5Y 3/2, <5% rounded gravels small to medium size		
35	70%	trace staining 31.5-33, no odor, no sheen		
40				

SEDIMENT SAMPLING LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYDEC CHI/Pratt	SED-BI ~~-03-04~~ KE	2 of 2

1 Geologist Name/Signature: K-Cameron	5 Project Number	8 Start - Stop (Date/Tme): 10/1/25 @ 0745	10/1/25@ 1145
2 Subcontractor/Equipment Operator: AMEC	6 Latitude/Northing/Grid	9 Sed Surface Elevation	ft
		10 Coordinate System H V	
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid	11 Depth of Water (start)	ft
		12 Depth of Water (end)	ft
		13 Sunny/Cloudy/Rain: Sunny	
		14 Temperature (start/high)	F
4 Sampling Equipment and Methodology (Check One)		15 Wind Direction	
[X] Rotosonic: 10 -ft barrel 4 -in diameter _____ -ft spoon/sample		16 Total Boring Depth	ft
[ ] Core: ___ -ft barrel ___ -in diameter _____ -VPM Manual/Vibracore/Other		17 Recovery Depth ft	%
[ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other		18 Location Notes: see page 1	
[ ] Other:			
[X] Sample Collection Method: Grab (VOC) and Composite			

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
	90%	(40-41) Silt with sand, soft, Gley 2 5PB 7/1 and 5Y 4/1, dry, fine sand, non-plastic, non-cohesive, trace stainings, Grey 2/black, no odor		ML
45		(41-46) Silty Sand, 5Y 2.5/1, soft, dry, fine SAND to medium SAND, non-plastic fines, no gravels, no odor		SM
		(46-50) Fat Clay, 10R 3/2 and 2.5Y 8/1, dry, highly plastic, medium cohesive, no odor, no sheen		
50				
	100%	(50-57.5) Sandy lean clay, 2.5Y 7/1, Course sand, poorly-graded, moist, non-plastic, non-cohesive, no odor		SM
55		(57.5-60) Fat Clay, 2.5Y 7/1, dry, highly plastic, mildly cohesive, trace fine sands <15%, no odor		CH
60				
		EOB refer to mudline bottom of boring		

KE

SED-BI-04		
Date	**Depth Interval (ft bgs)**	**PID Reading**
10/1/2025	0-2	1.6
10/1/2025	3-5	3.3
10/1/2025	5-7	3.5
10/1/2025	8-10	2.3
10/1/2025	10-12	6.2
10/1/2025	12-14	7.1
10/1/2025	14-16	22.8
10/1/2025	16-18	2.4
10/1/2025	18-20	1.4
10/1/2025	20-30	1.3
10/1/2025	30-35	2.3
10/1/2025	35-40	2.4
10/1/2025	40-42	1.9
10/1/2025	42-44	2.6
10/1/2025	44-46	2.1
10/1/2025	46-48	2.2
10/1/2025	48-50	2.2
10/1/2025	50-52	2.1
10/1/2025	53-55	2.3
10/1/2025	55-57	2.3
10/1/2025	58-60	2.5

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYKEC City/Pratt	SED-BI-05	1 of 2

1 Geologist Name/Signature: K. Cameron	5 Project Number:	8 Start - Stop (Date/Tme): Start 9/30/25@0800 — 9/30/25@1115
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: field maps	9 ~~Sed Surface Elevation~~ -1.992 ft
3 Operator Name *(Licence # If Required)*: Angel Medrano	7 Longitude/Easting/Grid: field maps	10 Coordinate System H V; 11 Depth of Water (start) 5.8 ft; 12 Depth of Water (end) 11.7 ft; 13 Sunny/Cloudy/Rain Cloudy; 14 Temperature (start/high) 72 F; 15 Wind Direction Complex NW; 16 Total Boring Depth 40 BML ft; 17 Recovery Depth 40 ft 80 %; 18 Location Notes: No bathy survey, surface water only for elevation

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:

Sample Collection Method: Grab (VOC) and Composite

Interval (Depth)	Recovery (ft & %)	Description of Materials — Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID — Sample Interval	USCS Code
0	50%	very soft, Gley 2/black, wet, non-plastic, non-cohesive, silt, petroleum-like odor, positive sheen, saturated product	SED BI05 0006	ML
5		no recovery 5-10' below mudline		
10				
	50%	(10-14) SAA	SED-BI-05-14-16-AR	~~CL~~ ML
		(14-16.5) sandy lean clay, soft, Gley 2/Black, wet, mildly plastic, non-cohesive, saturated, petroleum like odor, positive sheen	-SED-BI05-16-18	
15		(16.5-20) very loose, 10YR 5/3, mottled with Gley 2/black, medium to coarse SAND, no gravels stainings, mild petroleum-like odor, trace sheen		CL
20				
	80%	(20-23) loose, 10YR 5/4, moist, medium to coarse SAND, trace <5% rounded small gravels, well-graded sand		SW
		(23-24) SAA, Gley 2/black staining and mild petroleum-like odor		
25		(24-26) Clayey sand, 2.5Y 4/2, moist, fine to coarse sand, poorly-graded, no odor, no sheen		SC
		(26-30) SAA, mottled with 10R 4/8 and 2.5Y 8/2		
30				
		(30-33) well-graded sand, loose, 10YR 4/1, wet, fine to coarse SAND, no gravels, rounded pebs, no odor, no sheen,		SW
		(33-40) Clayey sand, dense, 10R 3/1, striations of 5YR 4/1 and Gley 2/black, no odor no sheen, fine to		SC
35		coarse SAND, non-plastic (non-cohesive)		
40				

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Citi / Pratt	SED-BJ-05	2 of 2

1 Geologist Name/Signature: K. Cameron	5 Project Number:	8 Start - Stop (Date/Tme): end 9/30/25 @ 1115 | 9/30/25 @ 1115
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: field maps	9 Sed Surface Elevation ft
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: field maps	10 Coordinate System H V
		11 Depth of Water (start) ft
		12 Depth of Water (end) ft
		13 Sunny/Cloudy/Rain
		14 Temperature (start/high) F
		15 Wind Direction
		16 Total Boring Depth ft
		17 Recovery Depth ft %
		18 Location Notes: see page 1. for notes

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [ ] Sample Collection Method: Grab (VOC) and composite

Interval (Depth)	Recovery (ft & %)	Description of Materials: Munsell Color; Moisture, Density; Consistency (Other Remarks)	Sample ID / Sample Interval	USCS Code
	80%	(40-44) Stiff, 5Y 4/2, striations of 10YR 5/6, mildly plastic, mildly cohesive, moist, sandy lean clay,		ML
		~~(44-46)~~ (44-46) very loose, 5Y 4/2, silty sand, moist, fine to medium sand, no odor, no sheen	see logbook sample ID and PID	SM
44				
		(46-48) Sandy lean clay, 5YR 4/4, mottled with 5YR 5/8, Bley 2 GY 4/1, very dense, trace staining, no odor, no sheen		CL
		(48-50) Fat Clay with sand, hard, 10YR 5/2, mottled with 10R 4/1, highly plastic, mildly cohesive, no		CH
50				
	100%	odor, no sheen		
		(50-54) Lean clay with sand, 2.5Y 8/1, trace striations of 5Y 5/6, wet, mildly plastic, cohesive, no odor no sheen		CL
54				
		(54-57) Sandy lean clay, medium, 2.5Y 8/1, wet, non-plastic, non-cohesive, no odor, no sheen		CL
		(57-60) Fat Clay, hard, 2.5Y 8/1, highly plastic, cohesive, no odor, no sheen		CH
60				
		60' below mudline, bottom of boring		

SED-BI-05		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/30/2025	0-5	18.7
9/30/2025	10-12	22.7
9/30/2025	12-14	56.9
9/30/2025	14-16	101.7
9/30/2025	16-18	71.2
9/30/2025	18-20	21.7
9/30/2025	20-22	3
9/30/2025	22-24	6.2
9/30/2025	24-26	9.7
9/30/2025	26-28	1.7
9/30/2025	28-30	2.2
9/30/2025	30-32	1.7
9/30/2025	32-34	1.4
9/30/2025	34-36	1.6
9/30/2025	36-38	0.9
9/30/2025	38-40	0.2
9/30/2025	40-42	1.1
9/30/2025	42-44	1.9
9/30/2025	44-48	2.1
9/30/2025	48-50	1
9/30/2025	50-52	0.7
9/30/2025	52-54	0.9
9/30/2025	54-56	1.1
9/30/2025	56-58	0.1
9/30/2025	58-60	0.1

SEDIMENT SAMPLING LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYMC C.L./Pratt	SED-BI-06	1 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Time): 9/30/25 @ 1145 | 9/30/25 @ 1550	
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: field maps	9 ~~Sed Surface Elevation~~: -.044	ft
		10 Coordinate System: H V	
		11 Depth of Water (start): 8.6	ft
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: field maps	12 Depth of Water (end): 11.7	ft
		13 Sunny/Cloudy/Rain: Cloudy	
		14 Temperature (start/high): 71 / 86	F
4 Sampling Equipment and Methodology (Check One)		15 Wind Direction: S and NE	
[X] Rotosonic: 10 -ft barrel; 4 -in diameter; _____ -ft spoon/sample		16 Total Boring Depth: (a) below mud	ft
[ ] Core: ___ -ft barrel; ___ -in diameter; _____ -VPM Manual/Vibracore/Other		17 Recovery Depth: 140 ft 80	%
[ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other		18 Location Notes: (a) 66' Bml, elevation measured top water only w/ tri-nidle rover	
[ ] Other:			
[ ] Sample Collection Method: Grab (VOC) and Composite			

~~Interval~~ (Depth)	~~Recovery~~ (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
30%		(0-5) very soft, Gley2/black, wet, non-plastic, silt strong solvent-like odor, petroleum/fuel-like odor, saturated, positive sheen	SED-BI-06-00-06	ML
5ft	5			
		(5-10') low recovery due to saturation of material, collected in bucket, SAA		ML
10ft	10			
40%		(10-12) SAA, very strong chemical-like odor	SED-BI-06-10-12	ML
		(12-14.5) silty sand, very loose, Gley2/black, wet, fine to medium SAND, poorly-graded sand, strong chemical-like odor, saturated with petroleum-like product, positive sheen		SM
15ft	15			
		(14.5-18) Clayey sand with gravel, loose, 2.5Y 4/4, streaking/striations of Gley2/black, staining petroleum-like odor, 15% small rounded gravels, well-graded		SC
	20	(18-20) SAA color change TO 5YR 4/6		SC
30%		(20-30) hard, heavily compacted silt w/ trace <5% small angular gravels, 7.5YR 4/1 and 2.5YR 4/4 and 2.5Y 8/2 and Gley2/Black, trace staining 20-23, no odor, no sheen		ML
30ft	25			
	30			
20%		(30-40) low recovery, silt, hard, 2.5Y 3/1, mottled with 5Y 3/4, trace <5% angular small gravels, medium plastic, non-cohesive, dry, no odor, no sheen, slight staining through sedimentation strata (very trace)	SED-BI-06-33-35	ML
	35			
	40			

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC CHI/Pratt	SED-BI-06	2 of 2

1 Geologist Name/Signature: K. Cameron	5 Project Number:	8 Start - Stop (Date/Time): 9/30/25@1145 | 9/30/25@1550
2 Subcontractor/Equipment Operator: ANRCO	6 Latitude/Northing/Grid: field maps	9 Sed Surface Elevation ft
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: field map 3	10 Coordinate System H V 11 Depth of Water (start) ft 12 Depth of Water (end) ft 13 Sunny/Cloudy/Rain 14 Temperature (start/high) F 15 Wind Direction 16 Total Boring Depth ft 17 Recovery Depth ft %

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 6 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other
- [x] Sample Collection Method: Grab/Composite

18 Location Notes: See Pg 1.

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
45	100%	(40-42) Sandy lean clay, 5YR 2.5/2, fine to medium coarse sand, dry, medium plastic, medium cohesive, no odor (42-50) Silt, hard, 5YR 3/1, fine sand, trace <5% rounded gravels, glacial till, mildly plastic, mildly cohesive, trace staining, Grey 2/black		ML ML
50				
55	100%	(50-57) Sandy lean clay, medium stiff, dry, 8/N dry, highly plastic, low cohesive, no odor, no sheen (57-60) Fat Clay, hard, 8/N, dry, highly plastic, medium cohesive, no odor no sheen	SED-BI-06-55-57	CL CH
60				
		60' below mudline bottom of boring, 8/N, dry, highly plastic, low cohesive, no odor, no sheen		

SED-BI-06		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/30/2025	0-0.5	4.8
9/30/2025	10-12	112.7
9/30/2025	13-15	27.7
9/30/2025	15-17	10.3
9/30/2025	18-20	6.1
9/30/2025	20-22	2.5
9/30/2025	23-25	1.5
9/30/2025	25-27	2.7
9/30/2025	28-30	2.5
9/30/2025	30-33	3.4
9/30/2025	33-37	4.7
9/30/2025	37-40	3.8
9/30/2025	40-45	2.2
9/30/2025	45-50	1.6
9/30/2025	50-52	1.1
9/30/2025	52-54	1
9/30/2025	54-56	1.1
9/30/2025	56-58	0.8
9/30/2025	58-60	0.6

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Chi/Pratt	SED-BI-07	1 of 2

1 Geologist Name/Signature: K. Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 9/29/25 1110	9/29/25 @ 1550
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: field maps	9 ~~Dml Surface Elevation~~: -0.820 ft	
		10 Coordinate System: H V	
		11 Depth of Water (start): 8.9 ft	
3 Operator Name (Licence # If Required): Anjel Medrano	7 Longitude/Easting/Grid: field maps	12 Depth of Water (end): 11.9 ft	
		13 Sunny/Cloudy/Rain: Cloudy	
		14 Temperature (start/high): 71 F	
4 Sampling Equipment and Methodology (Check One)		15 Wind Direction: 9 mph NE	
X Rotosonic: 10 -ft barrel 4 -in diameter ____ -ft spoon/sample		16 Total Boring Depth: 20 BML ft	
Core: ___ -ft barrel ___ -in diameter ____ -VPM Manual/Vibracore/Other		17 Recovery Depth: 20 ft %	
Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other		18 Location Notes: surface water elevation only all measurement are below mudline	
Other:			
X Sample Collection Method: Grab (VOC) & Composite			

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color, Moisture, Density, Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
0	20%	(0.0-10' - low recovery) very soft, Gley 2/black, wet, fine silt, non-plastic, non-cohesive, strong petroleum-odor, positive sheen	SED-BI-07-0.0-0.6	ML
low recovery				
5				
10				
	100%	~~(0-2) SAA~~ & (10-11) SAA (11-15) Clayey sand less than 15% rounded gravels, 10YR 3/2 mottled with 7.5YR 4/1, trace rounded gravels, fine to coarse SAND, moist, moderate petroleum-like odor		SC
15		~~(15-20)~~ & (15-19) poorly-graded sand w/silt, brox, 7.5YR 3/2, no gravels, moist, medium to coarse SAND, trace petroleum-like odor, no sheen		SP-SM
		(19-20) Boulder/rock, appears ISmears (clear, tr)		N/A
20				
	15%	(20-30) Low recovery, loose, 2.5Y 4/2, mottled with Gley 2/black, moist, fine to medium SAND, Clayey sand, mildly plastic, non cohesive, trace petroleum-like odor,	SED-BI-20-30	SC
low recover				
25				
	50%	~~(30-35)~~ NR		
30		(30-40') low recovery		
		~~(35-40)~~ Sandy fat clay with trace rounded gravels, stiff 7.5YR 5/3, highly plastic, mildly cohesive, moist, no odor / no sheen		
35				
40				

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Citi/Pratt	SEDBI-07	1 of 2

1 Geologist Name/Signature: K-Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 9/24/25 @ 1110 | 9/29/25 @ 1550
2 Subcontractor/Equipment Operator: ARRCO	6 Latitude/Northing/Grid: Field maps	9 Sed Surface Elevation: ft 10 Coordinate System: H V 11 Depth of Water (start): ft
3 Operator Name (Licence # If Required): Angel Modrano	7 Longitude/Easting/Grid: Field maps	12 Depth of Water (end): ft 13 Sunny/Cloudy/Rain 14 Temperature (start/high): F
4 Sampling Equipment and Methodology (Check One) ☒ Rotosonic: 60 -ft barrel 4 -in diameter _____ -ft spoon/sample ☐ Core: ___ -ft barrel ___ -in diameter _____ -VPM Manual/Vibracore/Other ☐ Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other ☐ Other. ☒ Sample Collection Method: Grab Composite		15 Wind Direction 16 Total Boring Depth: ft 17 Recovery Depth: ft % 18 Location Notes: see pg. 1 for notes

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture, Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
	80%	(40-44) Clayey Sand, 10YR 3/3 mottled with 7.5YR 6/3 and 2.5Y 5/2, medium coarse sand, non-plastic, wet, no odor, trace <5% angular gravels up to 0.5"		SC
45		(44-45) Poorly graded sand, 7.5YR 3/3, loose, moist, medium coarse sand, no gravels, no odor		SP
	70%	(45-50) fat clay, 2.5Y 5/1, hard, highly plastic, highly cohesive, no odor, no sheen		CH
50				
	80%	(50-53) medium dense, 7.5YR 3/3, medium to coarse sand, trace <5% angular gravels, wet, no odor, no sheen well-graded sand		~~SP~~ SW
		(53-57) wet clayey Sand, medium dense, 2.5Y 4/1, wet, mildly plastic, mildly cohesive, no odor, no sheen		SC
55	60%			
		(57-60) Fat clay, 2.5Y 5/1, very stiff, highly plastic, mildly cohesive, no odor, no sheen		CH
60				
		60' below mudline bottom of boring		

SED-BI-07		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/29/2025	0-10	2.7
9/29/2025	10-12	4.8
9/29/2025	12-14	2.3
9/29/2025	14-16	1.6
9/29/2025	16-18	1.5
9/29/2025	18-20	1.5
9/29/2025	20-22	2.2
9/29/2025	22-25	6.1
9/29/2025	25-27	11.7
9/29/2025	27-30	8.1
9/29/2025	20-30	0.7
9/29/2025	30-35	0
9/29/2025	35-40	0
9/29/2025	40-45	0.1
9/29/2025	45-50	0.1
9/29/2025	50-60	0

SEDIMENT SAMPLING LOG

Client Name and Project Name: NYDEC Citi/Pratt

Location/Boring Name: SED-BI-08

Sheet: 1 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Time): 9/24/25 @ 1515 / re 9/29/25 9/30/25 @1100
2 Subcontractor/Equipment Operator: MARCO	6 Latitude/Northing/Grid: field maps	9 Sed Surface Elevation: -10.41 ft
3 Operator Name (Licence # If Required): Andi Medrano	7 Longitude/Easting/Grid: field maps	10 Coordinate System: H V
		11 Depth of Water (start): 11.9 ft
		12 Depth of Water (end): 16.02 ft
		13 Sunny/Cloudy/Rain: Sunny
		14 Temperature (start/high): 37 F
		15 Wind Direction: Temp new
		16 Total Boring Depth: 50 (0 bsml) ft
		17 Recovery Depth: ft %
		18 Location Notes: elevation taken from top of water only

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [x] Sample Collection Method: Grab + Composite

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	USCS Code
0	50%	(0-10') Silty sand, 5YR 5/1no, soft loose, Grey 2/black, fines 90%, fine sand, no gravels, non-plastic, wet, petroleum-like odor, saturated, sheen	SED BI-08-0 0-6 @1515	SM
5				
		(10-20') low recovery due to soft material, multiple attempts, material collected in 5-gallon drum is (SMA0-10)		
10				
15				
20				
		No recovery / boulder / Competent Rock (20-30')		
25				
30				
	70%	(30'-35') Sandy lean clay, medium dense, 10YR 4/4, some gravels rounded small, medium plastic, medium cohesive, moist, no odor		CL
35		(35'-40') Sandy lean clay w/ gravel, soft, 7.5YR 4/4, angular to rounded gravels up to 1", dry, non-cohesive, non-plastic, no odor, trace organic debris		
40				

* note drilling started 9/29/25, error corrected on date

SEDIMENT SAMPLING LOG

Client Name and Project Name: NWRC CWR / Pratt	Location/Boring Name: SED-BJ-08	Sheet: 2 of 2	
1 Geologist Name/Signature: K Cameron	5 Project Number:	8 Start - Stop (Date/Time): 9/29/25 @ 1515 | 9/30/25 @ 1105	
2 Subcontractor/Equipment Operator: ARRCO	6 Latitude/Northing/Grid: field maps	9 Sed Surface Elevation	ft
3 Operator Name (Licence # If Required): Ansel Medrano	7 Longitude/Easting/Grid: field maps	10 Coordinate System H V	
		11 Depth of Water (start)	ft
		12 Depth of Water (end)	ft
		13 Sunny/Cloudy/Rain	
		14 Temperature (start/high)	F
4 Sampling Equipment and Methodology (Check One): ☐ Rotosonic: ___ -ft barrel ___ -in diameter _____ -ft spoon/sample; ☐ Core: ___ -ft barrel ___ -in diameter _____ -VPM Manual/Vibracore/Other; ☐ Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other; ☐ Other: ; ☐ Sample Collection Method:		15 Wind Direction	
		16 Total Boring Depth	ft
		17 Recovery Depth ft	%
		18 Location Notes: see pg 1 for notes	

Interval (Depth)	Recovery (ft & %)	Description of Materials: Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID / Sample Interval	USCS Code
45		(40-50) loose, 10YR 4/4, well-graded sand with silt and gravel, moist, fine to coarse sand, some rounded gravels up to .5", no odor, no sheen		SW-SM
50				
55		(50-50.5) medium dense, 10YR 3/4, fine to coarse sand, small, wet gravels, moist, poorly-graded sand with silt and gravels (50.5-52) stiff, Gley 2 5PB/6, moist, fat clay with sand, highly plastic, medium cohesive (52-60) SAA, non-plastic, non-cohesive		SP-SM CH ML
60		60' below mudline bottom of boring		

SED-BI-08		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/26/2025	0-2	3.5
9/26/2025	2-4	5.4
9/26/2025	4-6	7.2
9/26/2025	6-8	7.2
9/26/2025	8-10	7.2
9/26/2025	10-12	0.9
9/26/2025	12-14	0.7
9/26/2025	14-16	1.9
9/26/2025	16-20	1.9
9/29/2025	30-33	34
9/29/2025	33-35	27
9/29/2025	37-40	2.7
9/29/2025	40-45	1.6
9/29/2025	45-50	1.1
9/29/2025	50-52	0.1
9/29/2025	52-54	0.1
9/29/2025	54-56	0.1
9/29/2025	56-58	0.2
9/29/2025	58-60	0.9

SEDIMENT SAMPLING LOG

Client Name and Project Name: NMEC Citi/Pratt

Location/Boring Name: SED-BI-09

Sheet: 1 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 9/26/12 @ 1115 | 9/26/12 @ 1610
2 Subcontractor/Equipment Operator: ARRCO	6 Latitude/Northing/Grid: Field Maps	9 Sed Surface Elevation: +7.4' ft 10 Coordinate System: H V 11 Depth of Water (start): 9.4 ft 12 Depth of Water (end): 11.9 ft 13 Sunny/Cloudy/Rain: Sunny 14 Temperature (start/high): 68 F
3 Operator Name (Licence # If Required): Ansel Medrano	7 Longitude/Easting/Grid: Field Maps	15 Wind Direction: 9 mph NW 16 Total Boring Depth: 40 BML ft 17 Recovery Depth: 40 ft 80' %
4 Sampling Equipment and Methodology (Check One) X Rotosonic: 10 -ft barrel 4 -in diameter _____ -ft spoon/sample Core: ___ -ft barrel ___ -in diameter _____ -VPM Manual/Vibracore/Other Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other Other: Sample Collection Method: Arab4 Composite		18 Location Notes: elevation top of water only 40' below mudline

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
5	100%	0-3' Silt, Gley1 2.5/N, wet, soft (very soft), wet, non plastic non-cohesive, petroleum-like odor, saturated throughout matrix 3-10' Silt with sand, very soft, Gley2/Black, wet, mildly plastic, non-cohesive, petroleum-like odor, saturated, strong organic/marine odor, positive sheen	SED-BI-09 0-10 ft ©1150	ML ML
10		no rec		
15	80%	(10-15') silt with sand and gravel, very soft, Gley2/black, poorly graded wet, some angular to subrounded gravels up to .5", mildly plastic, mildly cohesive, petroleum-like odor, organic-like odor and trace wood debris, saturated with stringers of pet-like odor matrix, positive sheen		SP
20		(15-20) poorly graded with silt and gravel, medium dense, 7.5YR 5/2, fine to course sand, trace angular gravels <.25", dry, very trace pet-like odor		SP
25		(20-30) sandy lean clay, medium dense, 10YR 4/3 and 10YR 7/2, medium plastic, medium cohesive, moist, very trace odor, negative sheen test		CL
30		(30-40') low recovery due to large boulder, minimal capture with rod, SAA in appearance and description		
35				
40				

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Citi/Ratl	SED-BI-09	2 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 9/26/25 @ 1115 | 9/26/25 @ 1600
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid:	9 Sed Surface Elevation: ft 10 Coordinate System: H V 11 Depth of Water (start): ft
3 Operator Name *(Licence # If Required)*: Angel Medrano	7 Longitude/Easting/Grid:	12 Depth of Water (end): ft 13 Sunny/Cloudy/Rain 14 Temperature (start/high): F
4 Sampling Equipment and Methodology (Check One) Rotosonic: ___ -ft barrel ___ -in diameter _____ -ft spoon/sample Core: ___ -ft barrel ___ -in diameter _____ -VPM Manual/Vibracore/Other Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other Other: Sample Collection Method		15 Wind Direction 16 Total Boring Depth: ft 17 Recovery Depth: ft % 18 Location Notes: see PSI notes

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
45	70%	(40-47) Clay sand, 10YR 3/4, medium to coarse SAND, moist, rounded gravels up to ~5", mildly plastic, mild cohesive, poorly-graded		SC
50		(47-50) Fat Clay, hard, ~~highly plastic~~ 2.5Y 6/4, mottled with 2.5Y 6/2, highly plastic, mild cohesive, moist, no odor / no sheen		CH
55	40%	(50-60) Fat Clay, 2.5Y 5/2, very stiff, highly plastic, medium cohesive, no odor / no sheen (55-60') note SAA different color 2.5Y 4/3	SED-BI-09-5060	CH
60				
		60' bgs / bottom of boring		

SED-BI-09		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/26/2025	0-2	8.5
9/26/2025	2-4	10
9/26/2025	6-8	32.8
9/26/2025	10-12	7.9
9/26/2025	18-20	14.8
9/26/2025	4-6	15.7
9/26/2025	8-10	204.8
9/26/2025	20-22	0.8
9/26/2025	22-24	3.9
9/26/2025	24-26	2.3
9/26/2025	26-28	3.7
9/26/2025	28-30	3.1
9/26/2025	38-40	2.7
9/26/2025	40-42	3.3
9/26/2025	42-44	3.1
9/26/2025	44	2.9
9/26/2025	46-50	5.3
9/26/2025	50-52	2.6
9/26/2025	52-54	4.5
9/26/2025	54-56	4
9/26/2025	56-58	1.6
9/26/2025	58-60	1.9
9/26/2025	30-40	25

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Citi/Pratt	SED-BT-10	1 of 1

1 Geologist Name/Signature: K Cuneen	5 Project Number: NYDEC Citi/Pratt	8 Start - Stop (Date/Tme): 9/23/25 @ 0820 | 9/23/25 @ 830
2 Subcontractor/Equipment Operator: AARCO / Geoprobe 8150LS	6 Latitude/Northing/Grid: Field Maps	9 Sed Surface Elevation: 3.14m (10.58) ft
3 Operator Name (Licence # If Required): Ansel Medrano	7 Longitude/Easting/Grid: Field Maps	10 Coordinate System: H V
		11 Depth of Water (start): 15.8 ft
		12 Depth of Water (end): 12.8 ft
		13 Sunny/Cloudy/Rain: Sunny
		14 Temperature (start/high): 80 F
		15 Wind Direction: 8mp NE
		16 Total Boring Depth: 60 BCM ft
		17 Recovery Depth: 40 ft 80 %

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [x] Sample Collection Method: (Grab/VOC) and Composite

18 Location Notes: Mudline 21.2 from top of water surface water mudline 10.62 from depth elevation

Interval (Depth)	Recovery (ft & %)	Description of Materials: Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID / Sample Interval	USCS Code
0-21.2 (Below water Level)				
21.2 - 24.5 (5)	4 ft 100%	(21.2-24.2) - mudline competent material, 10YR 4/2, loose wet, coarse SAND, small to large angular to rounded gravels, very trace petroleum-odor, well graded sand with gravel, native material	SED-BT-10-0820 PID=0.1	SW
24.5 - 26.2 (5)	1.7 ft 100%	Boulder / Rock / Competent.	PID=0	N/A
26.2 - 31.2 (5)	5 ft 100%	(26.2 - 31.2) 10YR 3/1, loose, wet, fine to coarse SAND, Silty sand, non-plastic, non-cohesive, no gravel, no odor, native material	PID=0.2	SM
10-20	0	No recovery, broken sediment trap		
20-30	0	No recovery, broken sediment trap		
30-40	0	Boulder / hard competent material, rock dust debris only		N/A
40 - 50	1.2 ft 60%	very loose, 7.5YR 3/2 coarse SAND, small angular to sub rounded gravel, wet, well-graded gravel, <15% SAND, no odor	PID=1.2, 2.1	GW
50-58	0	no recovery		SP
58-60	100%	very loose, 2.5Y 4/3, fine silt to medium SAND, trace rounded gravels, 5-10%, wet, well-graded poorly graded sand		

SED-BI-10		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/24/2025	0-10	0.1
9/24/2025	10-20	0.1
9/24/2025	20-30	0.2
9/24/2025	30-40	0.2
9/24/2025	40-43	1.3
9/24/2025	43-48	0.3
9/24/2025	48-50	0.3
9/24/2025	50-60	0.2

SEDIMENT SAMPLING LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYDEC Citi/Pratt	SED-BI-11	1 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 9/24/25 @1245
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid: Field Meas	9 ~~Sed~~ bridge Surface Elevation: 0478m ft
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: Field Maps	10 Coordinate System H V
		11 Depth of Water (start): 13.6 ft
		12 Depth of Water (end): 13.2 ft
		13 Sunny/Cloudy/Rain: raining
		14 Temperature (start/high): 71 F
		15 Wind Direction: 4kt NE
		16 Total Boring Depth: 60' below mudline ft
		17 Recovery Depth: ft %
		18 Location Notes: Mudline start 18.9 below water surface

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [x] Sample Collection Method: Grab (VOC), Composite

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture, Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
0-0.4	100%	(0.0-0.4) very soft, Gley2/Black, wet, mildly plastic, non-cohesive, wet, petroleum-like odor, positive sheen in shaker, silty Sand, ~~75%~~ 100% fines	SED-BI-11-00-0.4 MS/MSD @1305	ML
5		(0.4-5.0) SAA		
		(5-10) No recovery, boulder / loss of material		
10				
	~~100%~~ 80%	(10-20') very soft, Gley2/Black, wet, ~~no~~ non-plastic, non-cohesive, petroleum like odor, positive sheen in shaker, trace organic (wood) debris, trace rounded gravel <5%, silty sand	SED-BI-11-12-14 @1330 target historical	ML
15				
20				
	70%	(20-21.5) SAA	SED-BI-11-20-22 @1415	ML
		(21.5-22.5) medium dense, 10YR 6/3 and 10YR 7/2, lean clay with SAND, moist, mildly plastic, mildly cohesive, petroleum-like odor, PID=7.2 @20-22', positive sheen		ML
25		(22.5-25.5) Sandy silt with gravel, 7.5YR 5/4		SW
		medium coarse SAND, small to medium rounded GRAVEL (some) 1", well-graded, no odor, no sheen		
		(25-30.0') well-graded sand w/gravel, loose, 7.5YR 5/4		SW
30		medium to coarse SAND, small to large gravels 7 15%, no odor, no sheen		
	70%	(30-35.5) well-graded sand w/gravel, 10YR 4/2, moist, coarse SAND, small to medium rounded gravels up to 1", 7 15% gravel, no odor, no sheen, native sediment		Grade SW
35				
	70%	(35.5-40) silty sand, 7.5YR 5/3, moist, non-plastic / non-cohesive, no gravels, fine sand and silt, no odor, native sediment		SM
40				

EA SEDIMENT SAMPLING LOG	Client Name and Project Name: NYDEC Citi / Pratt	Location/Boring Name: SED-BJ-11	Sheet 2 of 2

1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Tme):
2 Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid:	9 Sed Surface Elevation: ft 10 Coordinate System: H V 11 Depth of Water (start): ft
3 Operator Name (Licence # If Required): Angel Medard	7 Longitude/Easting/Grid:	12 Depth of Water (end): ft 13 Sunny/Cloudy/Rain: 14 Temperature (start/high): F
4 Sampling Equipment and Methodology (Check One) ☐ Rotosonic: ___ -ft barrel ___ -in diameter ___ -ft spoon/sample ☐ Core: ___ -ft barrel ___ -in diameter ___ -VPM Manual/Vibracore/Other ☐ Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other ☐ Other: ☐ Sample Collection Method:		15 Wind Direction: 16 Total Boring Depth: ft 17 Recovery Depth: ft % 18 Location Notes: see pg 1. loc. notes

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
45	<5% LOW REC	(40-50) sandy lean clay, medium dense, mildly plastic, non-cohesive, dry, 10Y 4/2 and 7.5YR 6/2, striations of dense dark grey fat clay, some very traces angular gravels <.25', no odor, no sheen, native		CL
50				
55	~~0~~ 20%	No recovery 50-57.9' (58-60) loose, 10YR 4/3, well-graded sand w/trace gravels, medium to coarse SAND, large angular gravels up to 1", native material, no odor, no sheen	~~SED-12-~~ SED-BJ-12-58-60 @11:45	SW
60				
		60' below mudline bottom of boring		

KC

SED-BI-11		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/24/2025	0-0.5	4.2
9/24/2025	10-12	4.6
9/24/2025	12-14	17.2
9/24/2025	14-15	16.7
9/25/2025	40-50	No Recovery
9/25/2025	50-52	0
9/25/2025	52-54	0
9/25/2025	54-56	0
9/25/2025	56-58	0
9/25/2025	58-60	0

SEDIMENT SAMPLING LOG

Client Name and Project Name: NYPER Citi/Pratt	Location/Boring Name: SED-BI-12	Sheet: 1 of 2	
1 Geologist Name/Signature: Katelyn Cameron	5 Project Number:	8 Start - Stop (Date/Tme): 9/25/25 @ 1245 | 9/25/2025 1530	
2 Subcontractor/Equipment Operator: MARED	6 Latitude/Northing/Grid: Field Maps	9 Surface Elevation: 1.24 ~~-3.79~~	ft
3 Operator Name (Licence # If Required): Angel Medrano	7 Longitude/Easting/Grid: Field Maps	10 Coordinate System: H V	
		11 Depth of Water (start): 15.3	ft
		12 Depth of Water (end): 9.1	ft
		13 Sunny/Cloudy/Rain: Rainy/to Sunny	
		14 Temperature (start/high): 71	F
		15 Wind Direction: Lgmp NE	
		16 Total Boring Depth: 40 DMT	ft
		17 Recovery Depth: 40 ft DMT	%
		18 Location Notes: Depth measured beginning & end top of tube only, 40' bls	

4 Sampling Equipment and Methodology (Check One)

- [X] Rotosonic: 10 -ft barrel; 4 -in diameter; _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel; ___ -in diameter; _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [X] Sample Collection Method: Grab (VOC) and Composite

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	USCS Code
5	100%	(0.0-0.6) Sand, Gley 2/Black, wet, ~~sandy, clayey~~, silt, fine only, mildly plastic, non-cohesive, moderate petroleum-like odor	SED-BI-12-00-20	ML
	0%	(0.6-5.0) no recovery		
10	10%	(5-20') Silt, Gley 2/Black, wet, silt, fines only, mildly plastic, mildly cohesive, petroleum-like odor, visible sheen	N/A	ML
15				
20				
25	20%	(20-25) PL		
		(20-24.5) SAA, (20-21) trace viscous coal tar and coal tar-like	SED-BI-12-20.5-21	ML
	20%	(24.5-25.) well-graded sand w/ silt and gravel, Gley 2/Black, ~~85%~~ 75% fines, 15% sand, 10% gravel, small trace rounded gravels, wet, very loose, strong NAPL-like odor, sheen	SED-BI-12-23-25	SW-SM
30	40%	(24.5-25) well-graded sand with clay, medium dense, wet, fine SAND and silt, trace small rounded gravels, moderate NAPL like odor, blebs of product and positive sheen,		SW-SC
35	100%	(25-30) Well-graded sand, loose, 10YR 5/3, moist, fine to coarse SAND, no gravels, native sands, trace odor of petroleum 25-27', striations of Gley 2/black from 25-27' only		SW
40	100%	(30-32.5) poorly-graded sand, loose, 7.5YR 4/3, moist, fine to coarse SAND, no gravels, native sands, trace odor, sheen, large rounded gravels from 32.5-33' and 36-37.5' up to 2.5"		SP
		(32.5-36.5) SAA, moist		SP
		~~(36.5-40) NR~~		

Continued next page ↓

sample was collected here SED-BI-12-05-20

SEDIMENT SAMPLING LOG

Client Name and Project Name: NYDEC

Location/Boring Name: SED-BI-12

Sheet: 2 of 2

1 Geologist Name/Signature: Katelyn Cameron

5 Project Number:

8 Start - Stop (Date/Time): 9/25/12 @ 1245 | 9/26/12 @ 1100 1530

2 Subcontractor/Equipment Operator: AARCO

6 Latitude/Northing/Grid: Field Maps

9 Sed Surface Elevation: ft

10 Coordinate System: H V

11 Depth of Water (start): ft

12 Depth of Water (end): ft

3 Operator Name (Licence # If Required): Angel Medrano

7 Longitude/Easting/Grid: Field Maps

13 Sunny/Cloudy/Rain

14 Temperature (start/high): F

4 Sampling Equipment and Methodology (Check One)

- [x] Rotosonic: 10 -ft barrel, 4 -in diameter, _____ -ft spoon/sample
- [ ] Core: ___ -ft barrel, ___ -in diameter, _____ -VPM Manual/Vibracore/Other
- [ ] Grab Sample: -ft x -ft x -ft Box/Ponar/Van Veen/Other
- [ ] Other:
- [x] Sample Collection Method: Grab and Composite

15 Wind Direction

16 Total Boring Depth: 60' bml ft

17 Recovery Depth: 60 ft 70 %

18 Location Notes: see pg 1 for loc-notes

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	USCS Code
	100%	(37-38.5 39) Poorly graded sand with <15% gravels, Dense, 10YR 4/3, mottled with 10YR 5/2 and coating of 5Y 7/2, fine to medium SAND, trace small to large blocky gravels no odor, native		SP
40		(39-40) Clayey sand, very dense, 10YR 4/2, fine to medium		SC
	100%	SAND, trace <5% rounded gravels, no odor, no sheen, native		
		(40-41.5) clayey sand SAA		SC
		(41.5-42.5) lean clay with sand, medium dense, 10YR 4/4, Striations of 2.5Y 5/1, non-plastic, non-cohesive, dry, no odor, no sheen, native		
	100%	(42.5-45) poorly graded sand w/ trace <5% small rounded pebbles/gravels, fine to medium SAND, wet, no odor no sheen		CL
45		(45-47.5) sandy lean clay, dense, plastic, non-cohesive, dry 10YR 4/2, no odor, no sheen, fine SAND ~15%		
		(47.5-50) Fat Clay with sand, very dense, 10YR 4/2, striations of 7.5YR 2.5/1, Fines 80%, medium sand 20%, organic debris and very trace rounded gravel <.25", no odor		CH
50				
	100%	(50-55) Fat Clay, very dense, 7.5YR 5/1 and coatings of 10YR 8/1, dry, highly plastic, high cohesive, no odor		CH
55		~~(55-60)~~ Fat Clay, very dense, 10YR 4/3, striations of 2.5Y (55-59) 8/2, highly plastic, highly cohesive, dry, no odor		CH
		(59-60) Fat Clay with sand, 5Y 4/1, medium coarse SAND <15%, moist, highly plastic, highly cohesive	SED-BI-12-58-60 @ 1100 + FD	CH
60				
		60' below mudline bottom of boring		
		ref		

SED-BI-12		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/25/2025	20-22	137
9/25/2025	22-24	130.3
9/25/2025	24-26	18
9/25/2025	26-28	20.1
9/25/2025	28-30	10.7
9/26/2025	30-32	4.5
9/26/2025	32-34	8.6
9/26/2025	34-36	7.1
9/26/2025	36-38	6.3
9/26/2025	38-40	6.5
9/26/2025	40-42	4.8
9/26/2025	42-44	8.5
9/26/2025	44-46	7.6
9/26/2025	46-48	6.8
9/26/2025	48-50	6.8
9/26/2025	50-52	4.9
9/26/2025	52-54	5.7
9/26/2025	54-56	5.9
9/26/2025	56-58	5.3
9/26/2025	58-60	5

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Appendix E
Soil Boring Logs

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EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-01

PROJECT NAME AND NUMBER	NYDEC Citi/Pratt			**WELL COMPLETED (Y/N):**	(Y) N
LOGGING GEOLOGIST	K. Smerud	**RIG MAKE/MODEL:**	Geoprobe 7740 LC	**COMPLETION DATE:**	9/19/25
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Rotosonic	**COMPLETION TYPE:**	
DRILLER:	Davey Macheco	**BOREHOLE DIAMETER (in):**	6	**WELL SCREEN (ft bgs):**	5 to 20
DRILLING START:	9/18/25 1520	**WATER TABLE (ft bgs):**	9		
DRILLING END:	9/19/25 945	**TOTAL DEPTH (ft bgs):**	70		

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole/ Well Completion Diagram
	0.0	100	FILL	0-5, Very Loose, 10YR 4/3, Fine-Coarse Sand, Well Graded Sand w/ Gravel, Angular - Subangular	15	55	30	
	0.3			Gravel, Small-Large Gravel, Moist, Concrete 0-2 ft. bgs, NO ODOR				
5	0.1							
		80	FILL	5-7.5, Very Loose, 10YR 4/3, Well Graded Sand W/ Gravel, Fine-Coarse Sand, Angular - Subangular Gravel	10	60	30	
	6.6			Small - Large Gravel, Moist, No ODOR				
			FILL	7.5-10, Loose, 10YR 3/1, Wood Fragments with brick / building material, Dark Brown / Black Organic,	15	15	70	
▽	6.9			slight fuel-like ODOR, Wet at 9 ft. bgs				
10								
	61.7	80	FILL	10-20, Loose, 10YR 3/1, Well Graded Sand w/ silt and Gravel, Fine - Coarse Sand, Small - Large Gravel	15	70	15	
				Subangular - angular gravel, fragments of wood, Wet, Strong fuel-Like ODOR 12-18' bgs,				
				slight sheen, Oil Shaker Test 14-16' bgs Positive, Dark Black / Brown staining.				
	1096							
15								
	1100	80						
	7232							
20	356							
		80	FILL	20-22.5, Very Loose, 10YR 3/1, Gravel w/ sand, Small - Large Gravel, Wet, Dark Brown / Black staining,	5	20	75	
	6.8			slight fuel-Like ODOR, wood Fragments				
			CL	22.5-27, Medium, 10YR 3/1, Lean Clay w/ sand, low plasticity, slight fuel-Like ODOR, slight sheen,	85	15	0	
	10.6			moist, few silt, Oil shaker Test 22-25' bgs Negative				
25								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-01

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25		80						
	6.7							
			SP-SM	27-30, Loose, 2.5Y 4/2, Poorly Graded Sand w/ silt, fine - medium sand, visible Mica, few Gravel, Moist	10	75	15	
	4.6			NO ODOR				
30			~~CL~~					
	2.1	80	~~Fill~~	30-34, Loose-medium, 10YR 2/1, ~~Silt~~ lean clay, low plasticity, wet, few angular small Gravel, few ~~Silt~~, few coarse sand, NO ODOR.	80	10	10	
	2.3							
35			SC	34-40 medium, 10YR 4/2, Sand w/ clay, fine-Medium Sand, moist-wet, lean Clay w/ Sand 37-38' bgs	15	80	5	
		80		low plasticity, Reddish/Brown Mottling 37-38' bgs, NO ODOR.				
	3.3							
	4.7							
40			SW	40-42, Very loose, 10YR 4/2, Well Graded Sand W/ Gravel, fine- Coarse Sand, Subangular large gravel/cobbles	5	80	15	
		80		wet, NO ODOR				
	4.0							
			SC	42-44.5 medium, 10YR 4/2, Clayey Sand, ~~medium~~ Sand, moist, few Gravel, Cobbles at 44.5 ft bgs,	30	60	10	
	3.3			NO ODOR, Trace Mica, Slight Black/Brown Staining				
45			SP-SM	44.5-45.5, Loose-medium, 2.5Y 4/3, Poorly Graded Sand w/ Silt, fine-medium sand, Abundant Mica, No	10	90	0	
	2.2	90		ODOR, moist, T				
			CL	45.5-47, medium stiff, 10YR 4/2, ~~Clayey~~ ~~Sandy~~ clay medium Sand, moist, Trace Mica, low plasticity, NO ODOR	65	30	5	
	3.1			Trace Gravel				
			CH	47-50, stiff-very stiff, 10YR 7/1, Fat Clay, High Plasticity, Trace Gravel, Secondary Color 10R 4/2	90	5	5	
50	3.7			NO ODOR				
		80	SP	50-55, very loose, 10YR 4/3, Poorly Graded Sand, medium Sand, wet, NO ODOR	5	95	0	
	4.7							
55								
	2.7	80	SC	55-60, medium, 10YR 4/2, Clayey Sand, medium Sand, Interbedded with Clay, Secondary color 10R 4/2	30	65	5	
				moist, NO ODOR				
	3.6							
60								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-01

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	.	80	CH	60-70; Stiff - very stiff 10YR 6/1, Secondary Color 10R 4/2, Fat Clay; High plasticity, moist,	90	5	5	
	2.9			No odor				
	3.8							
65				70' bgs bottom of boring				
		80						
	3.1							
	3.7							
70								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-01		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/18/2025	0-0.5	0
9/18/2025	5-7	6.6
9/18/2025	8-10	6.9
9/18/2025	10-12	61.7
9/18/2025	13-15	96
9/18/2025	15-17	1100
9/18/2025	17-19	723.2
9/18/2025	19-21	35.6
9/18/2025	21-23	6.8
9/18/2025	23-25	10.6
9/18/2025	25-27	6.7
9/18/2025	27-29	4.6
9/19/2025	30-32	2.1
9/19/2025	33-35	2.3
9/19/2025	35-37	3.3
9/19/2025	38-40	3.3
9/19/2025	40-41.5	4.7
9/19/2025	41.5-43.5	4
9/19/2025	43.5-45	3.3
9/19/2025	45-46.5	2.2
9/19/2025	46.5-48.5	3.1
9/19/2025	48.5-50	3.7
9/19/2025	50-55	4.7
9/19/2025	55-57	2.7
9/19/2025	58-60	3.6
9/19/2025	60-62	2.8
9/19/2025	63-65	3.8
9/19/2025	65-67	3.1
9/19/2025	67-70	3.7

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID): SR-CT-02

PROJECT NAME AND NUMBER	NYDEC Citi/Pruth	**RIG MAKE/MODEL:**	Geoprobe 8160LS	**WELL COMPLETED (Y/N):**	(Y) N
LOGGING GEOLOGIST	K. Smerud	**DRILLING METHOD:**	Roto Sonic	**COMPLETION DATE:**	9/22/25
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6"	**COMPLETION TYPE:**	~~PZ~~ MW
DRILLER:	Angel	**WATER TABLE (ft bgs):**	8	**WELL SCREEN (ft bgs):**	5 to 20
DRILLING START:	9/22/25	**TOTAL DEPTH (ft bgs):**	30		
DRILLING END:	9/22/25				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole/ Well Completion Diagram
	0.0	100%	FILL	0-5, Very Loose, 10YR 4/3 Light Brown, Fine-Coarse SAND, small to large angular gravel, Dry, well-graded sand with silt and Gravel, Trace fuel-like ODOR	20	60	20	
5								
	0.2	20%	FILL	5-10, Medium, 10YR 5/4 Yellowish Brown, Silty SAND, F-C Sand, Trace Gravel, Wet,	30	60	10	
10								
	6.2	50%	FILL	10-12, Medium-Loose, 10YR 4/4 Dark Yellowish Brown, PG SAND, M-C Sand, wet, Small-Large Subangular gravel, Dark Brown/Black staining	15	70	15	
			SW	12-11, Loose, 10YR 7/2 Light Gray, WG SAND w/ Gravel, F-C Sand, Small-Large Subrounded Gravel, Dry	20	40	40	
15			SM	11-15, Loose, 10YR 3/2 Very Dark Grayish Brown, Silt, SAND W/ Gravel, F-M Sand, Small Subrounded-subangular Gravel, wet, Fill Material red Bricks Fragments, Dark Brown/Black staining, Strong Petroleum ODOR				
	5.3	60%	ML	16-17, Medium, 10YR 5/6 Yellowish Brown, Sandy SILT, Non Plastic, Few Small Gravel, Strong Petroleum ODOR wet	50	35	15	
20			ML	17-20, Medium, 10YR 5/1 Gray, Sandy SILT, Non plastic, Few small Gravel, Wet, Strong Petroleum ODOR				
	4.1	90%	CL	20-25, Medium, 10YR 2/1, Lean Clay, Low plasticity, Trace Sand, Little silt, Trace shell fragments, Moist-Wet, NO ODOR	90	5	5	
25								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
- Trace = <5 %
- Few = 6-15 %
- Little = 16-30 %
- Some = 31-49 %

Bedding:
- Thickly bedded = >11.8 in. (>30 cm)
- Bedded = 1.2-11.8 in. (3-30 cm)
- Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
- Laminated = <0.2 in. (< 0.5 cm)

Scanned with CamScanner

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SR-CT-02

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25		90	SC	25-30, Medium, 10YR 4/6 Dark Yellowish Brown, Clayey SAND. FM Sand, Few subrounded Gravel,	30	60	10	
	2.7			some mica, moist, NO ODOR				
30								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
- Trace = <5 %
- Few = 6-15 %
- Little = 16-30 %
- Some = 31-49 %

Bedding:
- Thickly bedded = >11.8 in. (>30 cm)
- Bedded = 1.2-11.8 in. (3-30 cm)
- Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
- Laminated = <0.2 in. (< 0.5 cm)

Scanned with CamScanner

SB-CT-02		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/22/2025	0-0.5	0
9/22/2025	10-15	6.2
9/22/2025	18-20	1563
9/22/2025	20-22	4.1
9/22/2025	22-24	2.2
9/22/2025	24-46	1.9
9/22/2025	26-28	2.5
9/22/2025	28-30	2.7

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-03

PROJECT NAME AND NUMBER	NYSOEC Citi/Platt	**RIG MAKE/MODEL:**	Geoprobe 8140LC	**WELL COMPLETED (Y/N):**	(Y) N
LOGGING GEOLOGIST	K. Smernd	**DRILLING METHOD:**	Rotosonic	**COMPLETION DATE:**	9/23/25
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6	**COMPLETION TYPE:**	
DRILLER:	Davey Machico, T. Terlaga	**WATER TABLE (ft bgs):**	10	**WELL SCREEN (ft bgs):**	6 to 21
DRILLING START:	9/23/25 830	**TOTAL DEPTH (ft bgs):**	70		
DRILLING END:	9/23/25 1226				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole/ Well Completion Diagram
0	0.0	100	FILL	0-5, very loose, 10YR 3/2, well Graded Sand w/ Gravel and silt, fine-Coarse sand, small-Large Gravel, Subangular-angular Gravel, fragments of brick/building material, moist, NO ODOR	25	50	25	
	0.2							
5								
	5.4	80	FILL	5-8, very loose, 10YR 2/1, Silty Sand w/ Gravel, very fine-coarse sand, small Gravel Angular-Subangular Gravel, Moist, red brick fragments, slight fuel like ODOR	30	45	25	
	5.4							
	7.3		FILL	8-10, very loose, 10YR 5/2, Wood Fragments, slight fuel-like ODOR, Moist, Dark Brown	-	-	-	
10	~~5.4~~ 9.3							
	12.3	80	FILL	10-15, Very loose, 10YR 2/1, well Graded Sand w/ Gravel, fine-coarse Sand, small Gravel Angular-Subangular, wet, strong fuel like ODOR, Dark Brown/Black staining, Oil Shaker Test positive	10	55	35	
	1505							
15	1302							
		80	FILL	15-16, Medium, 10YR 3/2, Silty Sand, very fine-fine sand, wet, strong fuel like ODOR, Dark Brown/Black staining, Trace Gravel, fragments of wood/Bricks	30	60	10	
	6062							
	2012		FILL	16-18, Loose, 10YR 2/1, well Graded Sand w/ Gravel, fine-Coarse sand, small-Large angular Gravel, wet, wood fragments	10	65	25	
				18-20, Strong fuel like ODOR, slight sheen, Dark Brown/Black staining, Oil Shaker Test Positive				
20	539		FILL	18-20, very loose, 10YR 2/1, well Graded Sand w/ Gravel, fine-Coarse sand, Brick/wood fragments, strong fuel-like ODOR, wet	10	55	35	
	7.3	90						
			CL	20-25, Medium, 10YR 2/1, Moist-wet, Lean clay, low plasticity, Trace Sand, w/silt, Trace shell fragments, NO ODOR	90	5	5	
	11.2							
25	14.3							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-03

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	10.0	90	SP-SM	25-27 - Medium-Loose, 10YR 4/1, Poorly Graded Sand w/ Silt, very fine- fine sand, wet, NO ODOR	20	80	0	
	11.3		SP	27-30 - Medium-Loose, 10YR 3/2, Poorly Graded Sand, fine- medium sand, wet, reddish brown/rust Mottle at 28-30 ft. bgs, Trace large Gravel and cobbles at 29-30' bgs, NO ODOR	5	90	5	
30	10.9							
	11.4	90	SC	31-35 - Medium, 10YR 4/3, Clayey Sand, fine- medium sand, few subangular- subrounded large Gravel/cobbles, some Mica, moist, NO ODOR	30	60	10	
	17.7							
35	10.3							
	10.7	90	SP	35-43, Loose, 7.5YR 4/4 Poorly Graded Sand, fine- medium sand, moist, some Mica, Reddish-Brown iron oxide Mottle at 38-39 'bgs and 41-43' bgs, NO ODOR	5	95	0	
	11.8							
40	10.3							
	20.8	90						
			SP-SM	43-47, Loose, 10YR 5/3, Poorly Graded Sand w/ silt, fine- medium sand, moist-wet, NO ODOR	10	90	0	
	17.2							
45	24.5							
	7.5	90						
			SP	47-50, Loose, 7.5YR 4/6, Poorly Graded Sand, fine- medium sand, moist, Reddish Brown iron oxide Mottle throughout some Mica, NO ODOR, Few Subrounded Gravel and cobbles at 49' bgs	5	85	10	
	6.5							
50	9.9		SP	50-53, Loose, 7.5YR 4/4, Poorly Graded Sand, fine- medium sand, moist, some Mica, NO ODOR	5	95	0	
	6.0	90						
	8.5		SP-SM	53-55, Loose, 10YR 5/3, Poorly Graded Sand w/ Silt, fine- medium sand, moist-wet NO ODOR	10	90	0	
55	8.8							
	5.7	90	CH	55-60, Stiff, 10YR 5/1, Fat Clay, High Plasticity, Trace sand, moist, NO ODOR, secondary Color 2.5YR 4/4 at 56' bgs	95	5	0	
	6.2							
60	9.0							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-03

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	2.9	90	SP	60-66, Very Loose, 7.5YR 4/4, Poorly Graded Sand, fine - medium sand, moist- wet, some mica, possible Cave In from shallower Intervals, NO ODOR	5	95	0	
	3.6							
65	5.5							
	2.1	90						
			CH	66-70, Stiff- very stiff, 10YR 5/1, Secondary Color 2.5YR 4/4, Fat Clay, High Plasticity, Trace Sand.	95	5	0	
	0.2			NO ODOR				
70	0.4							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-03		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/23/2025	0-0.5	0
9/23/2025	2-5	0.2
9/23/2025	5-7	5.4
9/23/2025	7-8	5.4
9/23/2025	8-10	71.3
9/23/2025	10-12	172.3
9/23/2025	12-13	1505
9/23/2025	13-15	1392
9/23/2025	15-17	686.2
9/23/2025	17-18	201.2
9/23/2025	18-20	53.8
9/23/2025	20-22	7.3
9/23/2025	22-23	11.2
9/23/2025	23-25	14.2
9/23/2025	25-27	10
9/23/2025	27-28	11.3
9/23/2025	28-30	10.9
9/23/2025	30-32	11.4
9/23/2025	32-33	17.7
9/23/2025	33-35	10.3
9/23/2025	35-37	10.7
9/23/2025	37-38	11.8
9/23/2025	38-40	10.3
9/23/2025	40-42	20.8
9/23/2025	42-43	17.2
9/23/2025	43-45	24.5
9/23/2025	45-47	7.5
9/23/2025	47-48	6.5
9/23/2025	48-50	9.9
9/23/2025	50-52	6
9/23/2025	52-53	8.5
9/23/2025	53-55	8.8
9/23/2025	55-57	5.7
9/23/2025	57-58	6.2
9/23/2025	58-60	9
9/23/2025	60-62	2.9
9/23/2025	62-63	3.6
9/23/2025	63-65	5.5
9/23/2025	65-67	2.1
9/23/2025	67-68	0.2
9/23/2025	68-70	0.4

BORING ID (Well ID) SB-CT-04

PROJECT NAME AND NUMBER	NYDEC Citi Pratt	**RIG MAKE/MODEL:**	Geoprobe 8160DS	**WELL COMPLETED (Y/N):**	(Y) N
LOGGING GEOLOGIST	K. Camuso	**DRILLING METHOD:**	Sonic	**COMPLETION DATE:**	9/19/25
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6"	**COMPLETION TYPE:**	Mw
DRILLER:	Angel	**WATER TABLE (ft bgs):**	8 bgs - 8.5	**WELL SCREEN (ft bgs):**	21 to 6
DRILLING START:	9/19/25 @ 0855	**TOTAL DEPTH (ft bgs):**	30 bgs		
DRILLING END:	9/19/25 @ 1145				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	3.0	100%	FILL	very loose, 10YR 4/3 light brown, fine to coarse SAND, small to large angular gravels, dry, well-graded sand with silt and gravel, trace fuel-like odor, ~~staining~~ NE	60	20	20	
5								
	9.6	20% 8-10bgs	FILL	very loose / Gley 2/ Black, gravelly Silt with sand, non-plastic, non-cohesive, moist, petroleum/NAPL-like odor, sheen in shaker, angular small to large gravels, ~~staining~~ Saturated	20	40	40	DTW 8.5 Screen
10				~~23.1~~ NE				
	12.0	60%		~~(10-12)~~ SAA, wood/organic debris, strong fuel-like odor, saturated with pet. product (12-14)				
			SP	(14-15) loose (5Y 4/1), medium to coarse SAND, wet, poorly-graded, rounded pebbles/coarse, staining, fuel-like odor, poorly graded sand (native)	10	90	0	
15				(15-20) no recovery				
20								
	7.0		SP	(20-22) SAA same as (14-15) odor differential 5Y 5/2, wet, trace fuel-like odor	~~30~~	~~80~~	~~0~~	~~20~~
			SC	(22-23.5) medium dense, 5Y 5/1, ~~the~~ coatings of 5Y 5/6 (visible product staining & coating), medium to coarse SAND, wet, granular/rounded pebbles, Clayey sand, NAPL-like odor, positive oil in soil shaker, sheen, blebs of product in matrix	20	80	0	Sump
	8.0							
25				~~23.5~~ NE				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-04

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	8.0	70%	SP	(23.5-25.5) loose, 5Y 3/1, medium to coarse SAND, moist, rounded beds, poorly-graded sand, trace NAPL-like odor, trace sheen	15	85	0	Sump
	23.7 to 30	↓	SC	(25.5-29) medium dense 5Y 4/2 and striations of 5Y 5/4, fine to coarse SAND, moist, ~~sandy~~ muddy plastic, non-cohesive, NAPL-like odor, positive oil in soil / shaker for Sheen test, clayey sand	20	80		Filter pack Backfill
30	1.4		ML	(29-30) Stiff, 7.5YR 4/2 with 5Y 5/3 striations throughout matrix, fine SAND, trace small cobbles of rounded to angular gravels, trace petroleum odor, no sheen, no visible staining, non-plastic, non-cohesive, dry, compacted silt w <5% gravel	95		5	
				30' bgs bottom of boring				

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-04		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/19/2025	0-0.6	3.6
9/19/2025	5-7.5	581.9
9/19/2025	7.5-10	80.6
9/19/2025	10-12.5	957.9
9/19/2025	12.5-15	1612
9/19/2025	15-20	No Recovery
9/19/2025	20-22.5	7
9/19/2025	22.5-25	14
9/19/2025	26-28	25.5
9/19/2025	28-30	7.4

BORING ID (Well ID) SB-C7-05

PROJECT NAME AND NUMBER	NYDEC CitiPratt			**WELL COMPLETED (Y/N):**	(Y) (N)
LOGGING GEOLOGIST	K-Cameron	**RIG MAKE/MODEL:**	Geoprobe 8160	**COMPLETION DATE:**	—
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Sonic	**COMPLETION TYPE:**	—
DRILLER:	Angel Aguirre	**BOREHOLE DIAMETER (in):**	4" (6" casing)	**WELL SCREEN (ft bgs):**	— to —
DRILLING START:	9/18/25 @ 1530	**WATER TABLE (ft bgs):**	7.9		
DRILLING END:	9/18/25 @ 1715	**TOTAL DEPTH (ft bgs):**	20' bgs		

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
		100%	FILL	very loose, 10YR 4/3, medium to coarse SAND, small to large gravels, dry, blocks, well-graded silty, sand with gravel, fuel-like odor	10	60	30	
5	13.4							
		80%	FILL	(9-10) very soft, 7.5YR 3/2, wet, fine silt to fine sand, mildly plastic, non-cohesive, Sandy, Lean clay, fuel-like odor, trace sheen	60	40	—	
10	40.4							
		60%	FILL	(10-15) loose, 7.5YR 3/1, moist, medium to coarse SAND, small angular gravels, well-graded sand with gravel, staining/striations of Grey2/black stains,	10	60	30	
	2340			strong fuel-like odor, positive sheen				
15	4784			(15-19) SAA → 2.5Y 3/2				
				(19-20) Wood pylon/piling/non-native, metal debris and twisted piling unable to advance, strong creosote-like odor	—	—	—	
20	1350			Refusal at 20' bgs due to saturated pylon				
				20' bgs Bottom of Boring				
25								

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-05

PROJECT NAME AND NUMBER NYSDEC Citi/Path
LOGGING GEOLOGIST K. Smeed
DRILLING COMPANY: AARCO
DRILLER: O. Pacheco
DRILLING START: 9/29/25 1058
DRILLING END: 9/29/25 1245

RIG MAKE/MODEL: Geoprobe 8140LC
DRILLING METHOD: Rotosonic
BOREHOLE DIAMETER (in): 6
WATER TABLE (ft bgs): 9.0
TOTAL DEPTH (ft bgs): 30

WELL COMPLETED (Y/N): Y N
COMPLETION DATE: 9/29/25
COMPLETION TYPE: MW
WELL SCREEN (ft bgs): 6 to 21

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
0	0.0	100	FILL	0-5, Very Loose, 10YR 4/4, Well graded Sand w/ Gravel, Fine - coarse sand, small - Large Gravel Angular - subangular, Bricks / Building material, Moist, NO ODOR	20	50	30	
	0.2							
5	1.3	50	FILL	5-10, Loose 7.5YR 4/3, Well Graded Sand w/ Gravel, fine Coarse, Bricks and concrete/building material, Moist, slight fuel like ODOR, Dark Brown / Black staining at 9.5-10' bgs, Wet at ~9.0 ft bgs	25	50	25	
	232.1							
▽10	475.1							
	83.2	80	SP-SM	10-15, Loose, 10YR 3/2, Poorly Graded Sand w/silt, fine - medium Sand, wet, Trace subrounded cobbles Strong fuel-like ODOR, Dark Brown/Black staining, Oil-Shaker Test 12-14' bgs positive	15	80	5	
	140.0							
15	22.8							
	1.2	80	SM	15-16.5, medium, GLEY 1 4/1, Silty Sand, very fine - fine sand, wet, slight fuel-like ODOR	25	75	0	
			SP-SM	16.5-20, Loose-medium, 2.5Y 4/2, Poorly Graded Sand w/silt, fine-medium sand, wet, reddish/brown				
	2.0			Mottle at 16.5' bgs and 19' bgs, Large cobble / bounded at 19' bgs. NO ODOR, few coarse	10	85	5	
20	1.7			sand at 19' bgs				
	0.8	80	SC	20-21, medium, 2.5Y 3/2, Sand w/ clay, fine-medium sand, moist, Few subangular Gravel, Grades to	15	70	15	
				Sand, clay at 21' bgs, Dark Reddish/Brown Mottle at 21' bgs, NO ODOR, Mica				
	3.4		CL	21-25, STIFF, 2.5Y 4/3, Lean Clay w sand and Gravel, Low plasticity, subangular-subrounded small Gravel,	70	15	15	
25	1.7			fine-medium sand, Moist, some Mica, NO ODOR				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-05

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	0.0	5	Rock	25-30, Boulder, Fragments of boulder, low recovery	1	1	1	
30								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-05		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/18/2026	5-7	13.4
9/18/2026	7-9	17
9/18/2026	9-10	40.9
9/18/2026	13-15	2340
9/18/2026	15-17	478.4
9/18/2026	17-19	926.8
9/18/2026	15-20	1350
SB-CT-05 - Step-out		
9/29/2025	0-5	0.2
9/29/2025	5-10	232.1
9/29/2025	10-11	475.1
9/29/2025	11-12	140
9/29/2025	12-15	27.9
9/29/2025	15-16	1.2
9/29/2025	16-20	2
9/29/2025	20-21	0.8
9/29/2025	21-25	3.9
9/29/2025	25-30	1.7

BORING ID (Well ID) SP-CT-06

PROJECT NAME AND NUMBER	NYSDEC Citi/Pratt		
LOGGING GEOLOGIST	K. Smerud	**RIG MAKE/MODEL:**	Geoprobe 8140LC
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Rotosonic
DRILLER:	T. Terlaga	**BOREHOLE DIAMETER (in):**	6
DRILLING START:	9/25/25 1130	**WATER TABLE (ft bgs):**	~11
DRILLING END:	9/25/25 1545	**TOTAL DEPTH (ft bgs):**	70

WELL COMPLETED (Y/N): (Y) N
COMPLETION DATE: 9/26/25
COMPLETION TYPE:
WELL SCREEN (ft bgs): 16 to 36

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	0.0	100	FILL	0-5, Loose, 10YR , Silty Sand w/Gravel, fine-coarse sand, Angular-subangular small-large Gravel, Wood/Brick Fragments, No ODOR	25		25	
5	0.8							
		80	FILL	5-10, Loose, 10YR , Silty Sand w/ Gravel fine-coarse Sand, Angular small-large Gravel, Large brick Fragments	25		25	
	1.0			towards 8-10' bgs, slight fuel like ODOR, wood fragments at 10' bgs, moist, Dark Brown/Black				
	0.8			staining at 10' bgs				
10								
▽	26.8	80	SM	10-14, Medium, 2.5Y 4/2, Silty Sand w/ Gravel, fine-medium sand, Subrounded small Gravel, Strong fuel-like ODOR	30	60	10	
				11-13' bgs, Dark Brown/Black Hydrocarbon staining, moist-wet, Oil Sheen test 11-13' bgs positive				
	30.4			Large Subrounded cobbles at 14' ft. bgs				
15	61.2		SC	14-19.5, medium-stiff, 10YR 4/3, Clayey Sand w/ Gravel, fine-coarse sand, Subrounded small Gravel, Trace	20	70	10	
		80		Subrounded cobbles, Little ~~fine~~ Mica, moist, NO ODOR				
	1.4							
	1.9							
20	2.1		SP	19.5-21, Very loose, 10YR 4/6, Poorly Graded Sand, fine-medium sand, moist, few mica, NO ODOR	5	95	0	
	2.4	80						
			SP	21-23, Loose, 10YR 3/2, Poorly Graded sand, very fine-fine Sand, moist, few mica, No ODOR	5	95	0	
	2.2							
			CL	23-25, stiff-very stiff, 10YR 5/6, Sandy Clay w/ Gravel, low plasticity, Subrounded small Gravel, trace large	50	30	20	
25	2.1			Gravel, moist, NO ODOR, few mica				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-06

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	2.0	80	CL	25-30, very stiff, 2.5Y 4/2, Lean clay w/ sand and Gravel, low plasticity - medium plasticity, fine-coarse sand, small subrounded Gravel, moist, subrounded cobbles at 27' bgs, NO ODOR	75	10	15	
	3.4							
30	2.5		SP	30-32, very Loose, 10YR 4/4, Poorly Graded Sand, fine-medium sand, moist-wet, slight Naphthalene-like odor.	5	90	5	
	21.5	80						
			SP	32-35, Loose, 10YR 3/1, Poorly Graded Sand, fine-medium sand, moist-wet, strong Naphthalene-like odor. Highly sheened, Staining Dark Brown/Black, Highly viscous, Oil shaker test positive, visible Blebs of NAPL	5	90	5	
	34?.8							
35	456.4							
	27.7	80	SP	35-41, Loose, 10YR 3/2, Poorly Graded Sand, Medium sand, Trace fine sand, Trace coarse sand, wet, reddish Brown Mottle at 39' bgs and 41' bgs, very slight odor,	10	90	0	
	7.6							
40	6.7							
	5.7	80	ML	41-41.5, Stiff, 2.5Y 4/2, Silt, non-plastic, moist, some mica, NO ODOR	85	15	0	
	5.1		SP	41.5-49, loose-very loose, 10YR 3/2, Poorly Graded Sand Medium-coarse sand, Trace fine sand, moist-wet, Mica Throughout, Yellowish/Brown Mottle 46' bgs and 49' bgs, NO ODOR	5	95	0	
45	5.1							
	4.1	80						
	4.4							
50	4.1		SP-SM	49-52, loose-medium, 10YR 4/1, Poorly Graded Sand w/silt, very fine-fine sand, moist-wet, NO ODOR	10	90	0	
	2.6	80						
			CH	52-55, Stiff, 10YR 4/2, ~~Lean~~ Fat Clay, medium-high plasticity, moist, few sand, NO ODOR	85	15	0	
	3.6							
55	3.2							
	3.6	80	CH	55-70 very stiff, 2.5YR 4/4, Fat clay, moist, NO ODOR, High plasticity	95	5	0	
	5.3							
60	3.8							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-06

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify)	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	1.0	50	CH					
	1.0							
	1.0							
65	1.1							
	1.1	50						
	1.3							
	1.3							
70	1.3							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-06		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/25/2025	5-7	0.8
9/25/2025	7-8	1
9/25/2025	8-10	0.8
9/25/2025	10-12	26.8
9/25/2025	12-13	30.4
9/25/2025	13-15	61.2
9/25/2025	15-17	1.4
9/25/2025	17-18	1.9
9/25/2025	18-20	2.1
9/25/2025	20-22	2.4
9/25/2025	22-23	2.2
9/25/2025	23-25	2.1
9/25/2025	25-27	2
9/25/2025	27-28	3.4
9/25/2025	28-30	2.5
9/25/2025	30-32	21.5
9/25/2025	32-33	347.8
9/25/2025	33-35	450.4
9/25/2025	35-37	27.7
9/25/2025	37-38	7.6
9/25/2025	38-40	6.7
9/25/2025	40-42	5.7
9/25/2025	42-43	5.1
9/25/2025	43-45	5.1
9/25/2025	45-47	4.1
9/25/2025	47-48	4.4
9/25/2025	48-50	4.1
9/25/2025	50-52	2.6
9/25/2025	52-53	3.6
9/25/2025	53-55	3.2
9/25/2025	55-57	3.6
9/25/2025	57-58	5.3
9/25/2025	58-60	3.8
9/25/2025	60-62	1
9/25/2025	62-63	1
9/25/2025	63-65	1.1
9/25/2025	65-67	1.1
9/25/2025	67-68	1.3
9/25/2025	68-70	1.3

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID): SB-CT-07

PROJECT NAME AND NUMBER	NYDEC Citi / Pratt		
LOGGING GEOLOGIST	Katelyn Cumberd / Kevin Smeraud	**RIG MAKE/MODEL:**	Geoprobe 8140LC
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Sonic
DRILLER:	Tim Terlago / Angel Medrano	**BOREHOLE DIAMETER (in):**	6" casing
DRILLING START:	9/22/25 @ 1315	**WATER TABLE (ft bgs):**	10
DRILLING END:	9/22/25 @ 1502	**TOTAL DEPTH (ft bgs):**	30

WELL COMPLETED (Y/N): (Y) N
COMPLETION DATE: 9/23/25
COMPLETION TYPE:
WELL SCREEN (ft bgs): 6 to 21

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION (Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,)	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole/ Well Completion Diagram
	0.2	100	FILL	very loose, 10YR 3/3, silty sand w/ gravel, moist, fine to medium sands, angular/blocky gravels up to 1", well-graded silty sand w/ gravel, no odor, no sheen	60	20	20	
5			▼					
		80	FILL	5-7, loose, 10YR 3/1, Silty Sand w/ Gravel, Moist, very fine - medium sand, Fragments of Glass/Brick	50	25	25	
	2.7							
			FILL	7-9, very loose, 10YR, well Graded Sand w/ Gravel, moist, very fine - fine sand, Angular - Subangular Small - Large Gravel, Fragments of bricks / building material, No odor	30	45	25	
	15							
10			FILL	9-15, loose, 10YR 3/1, Silty Sand w/ Gravel, Moist - wet, very fine - medium sand, Angular small Gravel,	50	25	25	
		5		Strong, fuel-like odor, Dark Brown Black staining, wood fragments				
	2035			Oil shaker test Negative				
15								
	2005	80	FILL	15-20, loose - medium, 10YR 3/1, Silty Sand w/ Gravel, very fine - medium Sand, Small - large subangular Gravel, brick Fragments, wood fragments, wet, strong fuel-like odor, Dark Brown / Black staining, ~~fuel like odor~~ 18-20 ft. bgs, Oil shaker test 18-20' bgs positive	50	25	25	
	2028			slight sheen				
20	1843							
		80	FILL	20-22.5, medium 2.5Y 5/1, Lean Clay, low plasticity, moist, slight fuel like odor, Dark Gray Black Organic/ staining	90	5	5	
	15.2							
	4.1		FILL	22.5-25, loose, 10YR 3/2, Silty Sand w/ Gravel, fine - medium Sand, subangular - subrounded small - large Gravel, moist - wet, Metal / building material fragments, Light Gray staining w/ slight burnt odor at 23' bgs, No odor	30	55	15	
25	4.2							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-07

PROJECT NAME AND NUMBER

LOGGING GEOLOGIST

DRILLING COMPANY:

DRILLER:

DRILLING START:

DRILLING END:

RIG MAKE/MODEL:

DRILLING METHOD:

BOREHOLE DIAMETER (in):

WATER TABLE (ft bgs):

TOTAL DEPTH (ft bgs):

WELL COMPLETED (Y/N): (Y) N

COMPLETION DATE:

COMPLETION TYPE:

WELL SCREEN (ft bgs): to

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole/ Well Completion Diagram
25	2.2	80	SP-SM	25-30, Loose - Medium, 10YR 4/1, Poorly Graded Sand w/ silt, fine - medium sand, reddish/brown/rust mottle at 26' bgs and 29-30' bgs. Cobble gravel at 29' bgs. Wet. No odor. Layer of clay at 29.5' bgs. Secondary color 2.5YR 4/1.	10	85	5	
	0.0							
30	2.2							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
- Trace = <5 %
- Few = 6-15 %
- Little = 16-30 %
- Some = 31-49 %

Bedding:
- Thickly bedded = >11.8 in. (>30 cm)
- Bedded = 1.2-11.8 in. (3-30 cm)
- Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
- Laminated = <0.2 in. (< 0.5 cm)

SB-CT-07		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/22/2025	0-0.5	0.2
9/22/2025	5-10	15
9/22/2025	10-15	2035
9/22/2025	15-16	2005
9/22/2025	16-18	2028
9/22/2025	14-16	2035
9/22/2025	16-20	1843
9/22/2025	20-25	15.2
9/22/2025	25-27	2.2
9/22/2025	27-29	0
9/22/2025	29-30	2.2

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-08

PROJECT NAME AND NUMBER	NYSDEC Citi/Pratt			**WELL COMPLETED (Y/N):**	(Y) N
LOGGING GEOLOGIST	K. Smeaton	**RIG MAKE/MODEL:**	Geoprobe 8140LC	**COMPLETION DATE:**	9/24/25
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Roto Sonic	**COMPLETION TYPE:**	
DRILLER:	D. Mache CO, T. Terlaga	**BOREHOLE DIAMETER (in):**	6	**WELL SCREEN (ft bgs):**	6 to 21
DRILLING START:	9/23/25 1410	**WATER TABLE (ft bgs):**	10		
DRILLING END:	9/23/25 1600	**TOTAL DEPTH (ft bgs):**	30		

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.8 in.)	Borehole/ Well Completion Diagram
	0.0	100	FILL	0-5; Very loose, 10YR 3/2, well Graded Sand w/ Gravel and Silt, fine- coarse sand, small - large angular - subangular Gravel, Moist, Brick/metal/wood fragments, NO ODOR	20	65	25	
	0.4							
5								
		80	FILL	5-7; Loose- Medium, 10YR 5/3, Secondary Color 10YR 2/1, Silty Sand w/ Gravel, fine- Coarse Sand, Small - Large Subangular - Subrounded Gravel, Moist, slight ODOR, Dark Brown Black staining, wood / fragments	30	50	20	
	12.2							
	25.6		FILL	7-10; Stiff, 10YR - 5/1, Secondary Color 7.5YR 4/4, Fat clay, high Plasticity, Moist, NO ODOR, Trace Gravel, Trace Sand	90	5	5	
10								
	8.1	30	FILL	10-15; Medium - Loose, 10YR 3/1, Silty Sand w/ Gravel, Red brick/ Metal/ Concrete Angular Gravel, Moist Low recovery, slight fuel like ODOR, Dark Brown / Black staining	25	50	25	
	42.7							
15	91.7							
	204.3	80	FILL	15-20, Loose, 10YR 2/1, Well Graded Sand w/ Gravel, fine- Coarse sand, Brick/Metal fragments, Angular Gravel, WET Small - large Gravel, Strong fuel-like ODOR, Dark Brown/Black staining, Moderate sheen, Oil shaker Test Positive 16-18' bgs	5	80	15	
	142.6							
20	190.8							
	18.1	80	FILL	20-25. Loose, 10YR 3/1, ~~Well Graded~~ Sand w/ Gravel; fine- medium Sand, Subangular small-large Gravel, Wet. Fragments of brick/building Material, Slight fuel-like ODOR, Dark brown/Black staining, Oil shaker Test 22-23' bgs Negative	25	65	10	
	10.7							
25	9.5							

NOTES:
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2) Other: PID, FID, SPT blow Counts

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-08

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	14.2	80	FILL	25-26, Loose-Medium, 10YR 3/1, Silty Sand w/ Gravel, fine-medium sand, subangular Gravel, wet, wood fragments, trace slight fuel like ODOR, slight Dark Brown/Black staining	25	65	10	
	8.8		CL	26-29.5 Medium, 10YR 2/1, Lean clay, moist, low plasticity, Trace sand, Trace Gravel, Trace wood fragments, NO ODOR	90	5	5	
			SW	29.5-30 Loose-Very loose, 10YR 3/1, Well graded sand, fine-Coarse sand, wet, NO ODOR	5	90	5	
30	5.2							
35								
40								
45								
50								
55								
60								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-08		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/23/2025	0-0.5	0
9/23/2025	2-4	0.4
9/23/2025	5-7	12.2
9/23/2025	8-10	25.6
9/23/2025	10-12	8.1
9/23/2025	12-13	42.7
9/23/2025	13-15	91.7
9/23/2025	15-17	204.3
9/23/2025	17-18	142.6
9/23/2025	18-20	190.8
9/23/2025	20-22	18.1
9/23/2025	22-23	10.7
9/23/2025	23-25	9.5
9/23/2025	25-27	14.2
9/23/2025	27-28	8.8
9/23/2025	28-30	5.2

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-CT-09

PROJECT NAME AND NUMBER	NYSDEC Citi/Pratt	**RIG MAKE/MODEL:**	Geoprobe 8140LC	**WELL COMPLETED (Y/N):**	(Y) N
LOGGING GEOLOGIST	K. Smerud	**DRILLING METHOD:**	Rotosonic	**COMPLETION DATE:**	9/24/25
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6	**COMPLETION TYPE:**	
DRILLER:	D. Machaco, Terlago	**WATER TABLE (ft bgs):**	9- 10	**WELL SCREEN (ft bgs):**	6 to 21
DRILLING START:	9/24/25 910	**TOTAL DEPTH (ft bgs):**	70		
DRILLING END:	9/24/25 1306				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole/ Well Completion Diagram
	0.0	100	FILL	0-7 Very loose, 10YR 4/2, Silty Sand W/ Gravel, fine-Coarse Sand, Small-large Angular Gravel, Moist, Metal/wood/brick fragments, Slight fuel-like odor	25	50	25	
5								
	41.9	80	FILL	7-10: medium, 10YR 3/2, Silty Sand, fine-medium Sand, Moist, Trace small angular Gravel, Slight fuel like odor 7-9.5' bgs, Strong fuel like odor 9.5-10' bgs, Dark Brown/Black staining, Abundant	35	60	5	
	77.6			Wood Fragments at 10' bgs, Oil Shaker Test 9-10' bgs positive, slight sheen				
▽ 10	122.4							
		80	FILL	10-12: Loose, medium Sandy 10YR 2/1, Silt, non-plastic, wet, Fine-coarse Sand, Moderate fuel-like odor, Dark Brown/Black	75	20	5	
	315.7			staining, Trace fragments of wood				
	505.1		SW	12-17.5 medium, 10YR 3/2, ~~Poorly~~ well Graded Sand W/ Silt and Gravel, fine-Coarse Sand, Small-large Gravel Subrounded	10	75	15	
15	147.5			Mica throughout, wet, slight odor fuel-like 15-17' bgs, Oil shaker Test Positive, slight sheen				
	242.2	80						
	16.1		SP	17.5-20 - Loose-medium, 2.5Y 4/2, Poorly Graded Sand, fine-medium Sand, Wet, few Mica, No odor	5	95	0	
20	7.5							
	3.3	80	SP	20-24 Loose-Medium, 2.5Y 4/2, Poorly Graded Sand, very fine-medium, wet, Trace Mica, No odor	10	90	0	
	2.6							
			SP	24-25 very loose-loose, 2.5Y 4/3, Poorly Graded Sand w/ Gravel, fine-medium Sand, Subangular-Small Gravel, Moist,	5	75	20	
25	2.2			Abundant Mica, Dark Brown/black staining at 24' bgs, No odor				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-09

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	0.8	80	ML	25-27, Medium-stiff, 10YR 4/4, Silt, non-plastic-low plasticity, moist, cohesive, NO ODOR	85	10	5	
	1.0		ML	27-30, medium-stiff, 7.5YR 4/1, silt, non-plastic-low plasticity, moist-wet, cohesive, NO ODOR	90	10	0	
30	1.0							
	0.7	80	SM	30-35, Medium, 10YR 4/2, Silty Sand w/ Gravel, fine-medium sand, wet, small-large Gravel subrounded, Reddish/brown mottle, NO ODOR	25	65	10	
	1.0							
35	0.9							
	0.6	80	CL	35-39, Medium-stiff, 5YR 4/3, Sandy Clay w/ Gravel, low plasticity, subrounded small-large Gravel and cobbles, fine-medium sand, moist, NO ODOR	65	20	15	
	0.2							
40	0.2		SP	39-45, loose, 7.5YR 5/4, Poorly Graded Sand, fine-medium sand, Trace coarse sand, moist, mica throughout, NO ODOR	10	90	0	
	0.9	80						
	0.6							
45	0.5							
	0.2	80		45-56, loose-very loose, 7.5YR 5/4, Poorly Graded Sand, fine-medium sand, Trace coarse sand, Trace cobbles subrounded at 53' bgs, Lense of clay at 51' bgs, moist-wet, No ODOR	10	85	5	
	0.1							
50	0.4							
	1.0	80						
	0.8							
	1.4							
55								
	0.6	80		56-61, Stiff, 7.5YR 4/2, Silt w/ sand, non-plastic, very fine sand, wet, NO ODOR	90	10	0	
	1.8							
60	2.8							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-09

PROJECT NAME AND NUMBER
LOGGING GEOLOGIST
DRILLING COMPANY:
DRILLER:
DRILLING START:
DRILLING END:

RIG MAKE/MODEL:
DRILLING METHOD:
BOREHOLE DIAMETER (in):
WATER TABLE (ft bgs):
TOTAL DEPTH (ft bgs):

WELL COMPLETED (Y/N): (Y) N
COMPLETION DATE:
COMPLETION TYPE:
WELL SCREEN (ft bgs): to

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60								
	0.7	70	CL	61-63.5, stiff, 7.5YR 4/2, Lean clay, low plasticity, moist, few sand, few Mica, NO ODOR	85	15	0	
	0.6							
			SP	63.5-66, loose, 2.5Y 4/4, Poorly Graded sand, fine-medium sand, wet, NO ODOR	5	95	0	
65	2.2							
	0.5	25						
			CH	66-70, very stiff, 10YR 4/3, Fat clay, High plasticity, moist, Trace coarse sand, Trace Gravel, Some Mica and Gravel at 66' bgs, NO ODOR	90	5	5	
	1.1							
70	1.0							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-09		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/24/2025	0-0.5	0
9/24/2025	5-7	41.9
9/24/2025	7-8	770.6
9/24/2025	8-10	122
9/24/2025	10-12	315.7
9/24/2025	12-13	505.1
9/24/2025	13-15	147.5
9/24/2025	15-17	242.2
9/24/2025	17-18	16.1
9/24/2025	18-20	7.5
9/24/2025	20-22	3.3
9/24/2025	22-23	2.6
9/24/2025	23-25	2.2
9/24/2025	25-27	0.8
9/24/2025	27-28	1
9/24/2025	28-30	1
9/24/2025	30-32	0.7
9/24/2025	32-33	1
9/24/2025	33-35	0.9
9/24/2025	35-37	0.6
9/24/2025	37-38	0.2
9/24/2025	38-40	0.2
9/24/2025	40-42	0.9
9/24/2025	42-43	0.6
9/24/2025	43-45	0.5
9/24/2025	45-47	0.2
9/24/2025	47-48	0.1
9/24/2025	48-50	0.4
9/24/2025	50-52	1
9/24/2025	52-53	0.8
9/24/2025	53-55	1.4
9/24/2025	55-57	0.6
9/24/2025	57-58	1.8
9/24/2025	58-60	2.8
9/24/2025	60-62	0.7
9/24/2025	62-63	0.6
9/24/2025	63-65	2.2
9/24/2025	65-67	0.5
9/24/2025	67-68	1.1
9/24/2025	68-70	1

BORING ID (Well ID) SB-CT-10

PROJECT NAME AND NUMBER	NYSDEC Citi/PrAH		
LOGGING GEOLOGIST	K. Smalwd	**RIG MAKE/MODEL:**	Geoprobe 8140LC
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Rotosonic
DRILLER:	T. Terlaga	**BOREHOLE DIAMETER (in):**	6
DRILLING START:	9/26/25 930	**WATER TABLE (ft bgs):**	~ 11
DRILLING END:	9/26/25	**TOTAL DEPTH (ft bgs):**	30
		WELL COMPLETED (Y/N):	(Y) N
		COMPLETION DATE:	
		COMPLETION TYPE:	
		WELL SCREEN (ft bgs):	to

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
0	0.1	100	FILL	0-5, Loose, 10YR 3/2, Silty Sand w/ Gravel, Fine- coarse sand, small- large Gravel Angular - Subangular, Brick / building material fragments, NO ODOR	25	50	25	
	0.3							
5			CH	5-7, Stiff, 2.5YR 4/4, Fat Clay, High plasticity, moist; few sand, Trace Gravel, NO ODOR	80	15	5	
	2.2	80						
			SM	7-8, Medium-loose, 10YR 3/2, Silty Sand w/ Gravel, Fine- Medium Sand, moist, NO ODOR	25	65	10	
	1.7							
			SC	8-10, medium, 10YR 2/2, Clayey sand, fine- medium sand, low plasticity, few gravel Dark Brown reddish - Brown Mottle, Organic material trace, Moist, NO ODOR				
10	2.4							
▽	182.4	80	SC	10-15, ~~Stiff~~ Loose - medium, 10YR 3/2, ~~SC, Clayey~~ sand, Fine- medium Sand, wet, Trace Gravel subrounded small Gravel, Strong Fuel-like ODOR, Dark Brown Black staining, Oil shaker test positive; Trace pyrite	35	60	5	
	221.6							
15	8.2							
		30	SP	15-20 Loose, 10YR 4/1, Poorly Graded Sand, Fine- mediumsand, Trace coarse sand, Trace Gravel, wet, mica, NO ODOR - slight ODOR	10	85	5	
	41.2							
20								
	8.7	80	CL	20-22, very stiff, 10YR 2/2, Lean Clay with sand and Gravel, Low plasticity, Subrounded Sand and Gravel, Moist- Dry, NO ODOR	80	10	10	
	12.3		SP	22-23, Loose, 10YR 3/2, Poorly Graded Sand, Fine- medium Sand, Trace Gravel, few Clay/silt, Moist, NO ODOR Large Cobbles at 23' bgs	5	90	5	
25	2.0		SP-SM	23-25, Medium-loose, 10YR 3/4, Poorly graded sand w/ silt, fine-medium sand, moist, few mica, NO ODOR	10	90	0	

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-10

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	1.1	80	SP	~~VES~~ 25-30, very loose, 10YR 3/2, Poorly Graded Sand, fine-medium Sand, wet, mica, NO ODOR	5	90	5	
	5.1							
30	6.4	~~4~~ 4						

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-10		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/26/2025	0-0.5	0.1
9/26/2025	2-5	0.3
9/26/2025	5-7	2.2
9/26/2025	7-8	1.7
9/26/2025	8-10	2.4
9/26/2025	10-12	182.4
9/26/2025	12-13	221.6
9/26/2025	13-15	8.2
9/26/2025	15-20	41.2
9/26/2025	20-22	8.7
9/26/2025	22-23	12.3
9/26/2025	23-25	2.9
9/26/2025	25-27	1.1
9/26/2025	27-28	5.1
9/26/2025	28-30	6.4

BORING ID (Well ID) SB-C7-11

PROJECT NAME AND NUMBER	NYSDEC C7 / Park	**RIG MAKE/MODEL:**	Geoprobe 8140 LC	**WELL COMPLETED (Y/N):**	Ø N
LOGGING GEOLOGIST	K. Smeriglio	**DRILLING METHOD:**	Rota Sonic	**COMPLETION DATE:**	9/29/25
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6	**COMPLETION TYPE:**	MW
DRILLER:	D. Pecheco	**WATER TABLE (ft bgs):**	3-4	**WELL SCREEN (ft bgs):**	22 to 42
DRILLING START:	9/29/25 1515	**TOTAL DEPTH (ft bgs):**	70		
DRILLING END:	9/30/25 930				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
0	0.0	100	FILL	0-5, very Loose, 10YR 4/4, Silty Sand w/ Gravel, fine-coarse sand, Angular small-large Gravel, Moist-wet NO ODOR, Fragments of building material	20	60	20	
▽								
	8.6							
5				10YR 3/1				
	8.9	50	FILL	5-8, very loose, Gravel w/ Sand and silt, small - large angular-subangular Gravel, fine-coarse sand, wet, Fragments of wood/Bricks/building material, slight fuel-like odor, oil sheen-Test Negative	20	30	50	
	1.3		FILL	8-11, Loose, 2.5YR 4/2, Well graded Sand w/ Gravel, fine-coarse sand, small-large subangular Gravel, wet Red Bricks, wood fragments, NO ODOR	20	50	30	
10	0.6							
	1.2	50	FILL	11-15, medium, 10YR 6/1, Sandy silt w/ Gravel, non-plastic, fine-medium sand, few Gravel, wood Brick fragments, wet, NO ODOR	55	30	15	
	3.5							
15	3.2							
	1.5	5	FILL	15-20, loose, 10YR 3/2, Sandy Gravel, small-large Gravel, wet, wood/Brick, slight fuel-like odor	20	30	50	
	4.3							
20								
	4.3	70	FILL	20-25, very loose, 10YR 3/1, well graded Sand w/ Gravel, fine-coarse sand, small-large Gravel, wet, Brick/wood fragments, Moderate fuel-like odor, slight sheen, Dark Brown/Black staining.	20	50	30	
	32.8			Oil shake Test 22-24 positive				
25	22.6							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA

BORING ID (Well ID) SB-CT-11

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatancy, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	3.0	70	FILL	25-30, Very Loose, 10YR 3/1, Well Graded Sand w/ Gravel, Fine - coarse sand, small - large Gravel, wet, Wood/Brick Fragments, slight fuel-like ODOR	25	50	30	
	3.0							
30	4.5							
	297.6	80	FILL	30-32.5, Loose, 10YR 3/1, Well Graded Sand w/ Gravel, Fine-Coarse sand, few silt, Angular small Gravel, Wet Brick Frag, Strong NAPL ODOR, Slight sheen, Dark Brown/Black staining. Oil shaker test Positive, Possible Foundation	20	55	25	
	158.2		CL	32.5-40, Stiff, 10YR 4/2, Lean clay w/ sand and Gravel, Low plasticity - non-plastic, Subrounded small-Large Gravel Lenses of medium Sand, Moist, NO ODOR	water	Interval		
35	19.2				70	15	15	
	2.8	70						
	1.1							
40	1.6							
	61.4	70	SC/CL	40-42, Stiff - medium, 10YR 4/2, ~~Sandy~~ Clayey, low plasticity, medium sand, small subrounded Gravel, Wet, Moderate Naphthalene-like ODOR, Dark Brown/Black NAPL staining, slight sheen, oil shaker Test Positive	60	30	10	
	42.6		CL	42-45 Stiff-Very stiff, 10YR 4/2, Lean Clay w/ Sand and Gravel, low plasticity, fine-medium sand, small-Large subrounded Gravel, Moist, ~~slight NAPL ODOR~~, NO ODOR				
45	8.7							
	1.0	60		45-49 Granodiorite Boulder, NO ODOR	-	-	-	
	1.4							
50	2.2		CL	49-56, Medium-Stiff, 10R 4/4, Sandy Clay, Low plasticity, Fine-medium sand, Lenses of sand, Moist, NO ODOR, Secondary Color 10YR 4/3	60	35	5	
	2.0	70						
	0.9							
55	1.3							
	1.4	80	CL	56-59, Stiff, 10YR 4/3, Clay w/ sand and Gravel, Low plasticity, small-Large subrounded Gravel, Fine-medium sand, Moist, NO ODOR, Secondary Color 10R 4/4	70	20	10	
	3.6							
60	1.1							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) "W>LL" indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 5-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-CT-11

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	0.8	80	SP-SC	SB-64, medium - Loose, 10YR 4/2, Poorly Graded Sand w/ Clay, fine - medium Sand, WET, NO ODOR Mica	10	90	0	
	0.2							
65	0.1		CL	SB-70, Stiff, 10YR 4/2, Sandy lean Clay, low plasticity, fine - medium Sand, few subrounded - subangular Gravel	70	20	10	
	1.4	80		Moist, NO ODOR, MICA, DARK Brown/Black medium Sand at 67' bgs				
	1.8							
70	1.9							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-CT-11		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/29/2025	0-1	0
9/29/2025	2-5	0.6
9/29/2025	5-7	8.9
9/29/2025	7-8	1.3
9/29/2025	8-10	0.6
9/29/2025	10-12	1.2
9/29/2025	12-13	3.5
9/29/2025	13-15	3.2
9/29/2025	15-20	1.5
9/29/2025	20-22	4.3
9/29/2025	22-23	32.8
9/29/2025	23-25	22.6
9/29/2025	25-27	3
9/29/2025	27-28	3
9/29/2025	28-30	4.5
9/30/2025	30-32	293.4
9/30/2025	32-33	158.2
9/30/2025	33-35	19.2
9/30/2025	35-37	2.2
9/30/2025	37-38	1.1
9/30/2025	38-40	1.6
9/30/2025	40-42	61.4
9/30/2025	42-43	42.6
9/30/2025	43-45	28.7
9/30/2025	45-47	1
9/30/2025	47-48	1.4
9/30/2025	48-50	2.2
9/30/2025	50-52	2
9/30/2025	52-53	0.9
9/30/2025	53-55	1.3
9/30/2025	55-57	1.4
9/30/2025	57-58	3.6
9/30/2025	58-60	1.1
9/30/2025	60-62	0.8
9/30/2025	62-63	0.2
9/30/2025	63-65	0.1
9/30/2025	65-67	1.4
9/30/2025	67-68	1.8
9/30/2025	68-70	1.9

BORING ID (Well ID) SS-PR-01

PROJECT NAME AND NUMBER	NYDEC Citi / Pratt	**RIG MAKE/MODEL:**	Hand clearing	**WELL COMPLETED (Y/N):**	Y (N)
LOGGING GEOLOGIST	K. Cunneen	**DRILLING METHOD:**	N/A	**COMPLETION DATE:**	
DRILLING COMPANY:	KARO	**BOREHOLE DIAMETER (in):**		**COMPLETION TYPE:**	
DRILLER:	Ron Algrant	**WATER TABLE (ft bgs):**		**WELL SCREEN (ft bgs):**	to
DRILLING START:	9/9/25 @ 1430 (surface)	**TOTAL DEPTH (ft bgs):**	0.-0.4' bgs		
DRILLING END:	9/9/25 @ 1530 (surface)				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
0.4	9.6	100%	FILL	very loose 7.5YR 7/4, fine to coarse SAND, small to large gravels, granular to blocky peels, well-graded, brick debris, trace organics (wood), trace odor, fill/non-native	30%	55	15	

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-1

PROJECT NAME AND NUMBER	NYDEC Citi / Pratt	**RIG MAKE/MODEL:**	Geoprobe 8150 LS
LOGGING GEOLOGIST	K. Smerud	**DRILLING METHOD:**	Rotosonic
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6
DRILLER:	Angel Medrano	**WATER TABLE (ft bgs):**	9
DRILLING START:	9/15/25 1420	**TOTAL DEPTH (ft bgs):**	20
DRILLING END:	9/15/25 1705	**WELL COMPLETED (Y/N):**	Y (N)
		COMPLETION DATE:	
		COMPLETION TYPE:	
		WELL SCREEN (ft bgs):	to

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	3.2	100	FILL	0-4 loose - very loose, 10YR 4/4, Silty Sand w/ Gravel, very fine - coarse Sand, subangular - subrounded Gravel, Organic (roots/plants) 0-1 ft bgs, Moist, NO ODOR	25	50	25	
	5.3							
5			FILL	4-5 Stiff - Medium, 2.5YR 4/6, Silt w/Sand, nonplastic, moist, fine Sand, few subangular - subrounded Gravel, secondary color 10YR 4/2	65	20	15	
		0		5-10 NO Recovery				
▽ 10			FILL	10-13 loose, 10YR 2/1, Silty Sand w/ Gravel, fine - medium Sand, subangular - subrounded Gravel, Wood fragments, strong Naphthalene like ODOR. Dark Brown Black stain, wet, oil shaker Test Negative, slight sheen	25	50	25	
	8.2	80						
			FILL	13-16 loose, 10YR 2/1, Silty Sand, fine - medium Sand, strong Naphthalene ODOR, moderate sheen, Dark Brown/Black staining, wet, oil shaker Test Negative	25	70	5	
15	385.4							
		80		stiff.				
			FILL	16-21 Medium 10YR 2/1, Sandy Clay, low plasticity - medium plasticity, wet, strong Naphthalene-like ODOR, Dark Brown/Black staining, Wood/sticks throughout, moderate sheen	60	35	5	
	347.3							
20								
	140.2	80	FILL	21-28, Medium, 10YR 2/1, Clayey Sand, fine - medium Sand, moist, strong Naphthalene ODOR, moderate sheen, Black/Dark Brown staining, Wood throughout.	30	65	5	
	208.4							
25	422.4							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-1

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25		80	CH	28-29, Medium, 10YR 5/2, Fat clay, High Plasticity, Wet, cohesive, slight napthalene ODOR, slight Dark Brown / Black staining, Trace Organics	85	10	5	
	29.2							
30	18.9		SC	29-35, Medium-loose, 10YR 5/2, Clayey Sand, very fine-medium sand, wet, NO ODOR, Grades to very fine sand and silt towards 35' bgs	25	75	0	
		80						
	4.6							
	12.2							
35								
	11.6	80	ML	35-39.5, Medium, 2.5Y 5/3, Silt, low plasticity - nonplastic, wet, few fine sand, NO ODOR	85	15	0	
	14.8							
				45.5				
40	11.9		SP-SC	39.5-Loose, 10YR 5/2, Poorly Graded Sand w/silt and Clay, fine-medium sand, few coarse sand, noncohesive,	15	75	10	
		80		wet, NO ODOR, cobbles and Gravel subrounded at 45.5 ft. bgs				
	5.2							
	9.4							
45								
	9.8	80	CL	45.5-46.5, Stiff, 10YR 5/2, Sandy Clay, low plasticity, fine-medium sand, Trace subrounded Gravel NO ODOR, moist	70	25	5	
	4.6		SW	46.5-47.5, loose, 10YR 5/2, Well Graded Sand w/ Gravel and Clay, fine-coarse sand, subrounded gravel, Trace cobbles, moist, NO ODOR, wet	10	80	10	
50	21		CL	47.5-59.5, Stiff 2.5Y 3/2, Lean Clay w/ sand, low plasticity, fine sand, Trace gravel, Trace cobble, Trace	75	15	10	
		80		coarse sand, fine-medium sand, Mica throughout, w/ silt, large cobble at 59.5, moist				
	0.4							
	1.8							
55								
		80						
	9.3							
60	20.4							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-1

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppb	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	0.0	80	SP	60-66, Loose-medium, 10YR 5/3, Poorly Graded Sand, fine-medium sand, subrounded-rounded, moist, NO ODOR	5	95	0	
	0.0							
65	0.0							
		80	ML	66-70, Stiff, 10YR 5/2, Sandy Silt, nonplastic, very fine-fine sand, mica trace, w/ clay, moist NO ODOR	75	25	0	
	0.0							
	0.0							
70								
				TD Borehole @ 70 ft. bgs				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-PR-1		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/15/2025	0-2	3.2
9/15/2025	3-5	5.3
9/15/2025	5-10	No Recovery
9/15/2025	10-13	8.2
9/15/2025	13-17	385.4
9/15/2025	17-20	397.3
9/15/2025	20-22	140.2
9/15/2025	22-24	208.4
9/15/2025	24-26	422.4
9/15/2025	26-28	286.2
9/15/2025	28-30	18.9
9/15/2025	30-32	4.6
9/15/2025	32-34	12.2
9/15/2025	34-36	11.6
9/15/2025	36-38	14.8
9/15/2025	38-40	11.8
9/15/2025	40-42	5.2
9/15/2025	42-44	9.4
9/15/2025	44-46	9.8
9/15/2025	46-48	4.6
9/15/2025	48-50	2.1
9/15/2025	50-52	0.4
9/15/2025	52-54	1.8
9/15/2025	54-56	0
9/15/2025	56-58	9.3
9/15/2025	58-60	20.4
9/15/2025	60-62	0
9/15/2025	62-64	0
9/15/2025	64-66	0
9/15/2025	66-68	0
9/15/2025	68-70	0

BORING ID (Well ID) SB-PR2

PROJECT NAME AND NUMBER NYDEC Citi/Pratt
LOGGING GEOLOGIST K. Cambron; K. Smerud
DRILLING COMPANY: DARCO
DRILLER: Angel Medrano
DRILLING START: 9/9/25 0940 (Surface) 9/10/25, 1436
DRILLING END: 9/10/25 1020

RIG MAKE/MODEL: Geoprobe 8150 LS
DRILLING METHOD: Rotosonic
BOREHOLE DIAMETER (in): 6
WATER TABLE (ft bgs): 5
TOTAL DEPTH (ft bgs): 20

WELL COMPLETED (Y/N): Y (N)
COMPLETION DATE:
COMPLETION TYPE:
WELL SCREEN (ft bgs): to

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2 9 in.)	Borehole Completion Diagram
.6	5.2	100/10	GP/SM	10YR 3/2, very loose, mottled with 10YR 7/2 silty sands, dry, fine to coarse grains w/gravels, no odor, no sheen, fill, brick fill	7.5%	76%	16%	
1.5	5.2	100/10	SP/SM	SAA				
2.5	12.1	100/10	Fill	10YR 7/4, soft, mottled with 7.5YR 7/4, mildly plastic, moist, non-cohesive, granular peds, well-graded, trace gravels, mild odor, silty	15%	75%	<15%	
4.5	11.7	100/0		SAA Strong odor (sandy silt w/ trace gravels)				
5.0	3.6	100%		2.5Y 2.5/1, very loose, coarse grain sand w/some gravels up to .5", well graded, strong odor, negative oil n' soil, slight sheen				
	378.2	80	Fill	5-8.5 10YR 3/1, very loose, Coarse grained sand w/ gravel, Small gravel, Strong ODOR petroleum, wet, Dark Brown staining.				
	927.8							
			CL	8.5-10 10YR 3/1, stiff, Lean clay, Medium-High plasticity, trace sand, trace organics at 8.5 ft, Strong Petroleum	80	10	5	
	33.6			ODOR, Dark Brown staining, moist, Oil shaker test performed negative.				
10								
	8.5	80	CL	8.5-18.5 10YR 3/1, Medium, Medium plasticity, moist, strong petroleum ODOR, Trace gravels, slight sheen	85	10	5	
				Lean Clay, Dark Brown staining at 14-16				
	16.2							
15	56.4							
		80						
	1.3							
	8.9		SP	18.5-20 10YR 4/2, loose - medium Dense, Poorly graded sand, moist, slight Petroleum ODOR.	15	80	5	
20	666.7							
	~~358.2~~	KS 80	CL	20-24 10YR 3/1, Medium, Medium plasticity, wet, Strong Petroleum ODOR, ~~Sheen~~ slight, Few sand Trace Gravel, Organics at 22 ft, Trace shell fragments, slight sheen, shaker Test	90	5	5	
22	82.6	KS						
	258.2			performed 23ft, Dark Brown staining.				
27	~~103.7~~	KS						
	82.6							

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-2

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID (ppm)	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25		80	SW	24-27 10YR 4/2, very loose, well graded sand, fine-medium sand, white shell fragments throughout small subrounded Gravel towards 27ft, strong petroleum odor. ~~No impact~~ KJ	5	85	10	
27	103.9							
29	22.1		CL	27-29.5 10YR 4/2, stiff - medium, low Clay w/ sand and Gravel, medium plasticity, medium sand, small subrounded Gravel, ~~medium~~ KJ wet, ~~no~~ odor petroleum strong	70	15	15	
30								
	2.6	80	SP	29.5-30 10YR 4/2, loose-medium, poorly graded sand, medium sand, trace shell fragments and trace mica, moist, no odor ~~fine~~ med. plasticity	20	80	0	
	1.1		ML	30-33 10YR 5/2, medium, ~~low clay with sand~~, red/rust mottling, ~~clayey~~ silt lense at 32-33. No odor, moist,	85	10	5	
			SC/ML	33-39 10YR 5/1, medium ~~clayey~~ sandy ~~low clay~~, moist, medium plasticity, medium sand, small-medium few	30	60	10	
35	2.4			Gravel, subrounded-rounded Gravel, No odor.				
		80						
	1.2							
	0.5		SP-SC	39-40 10YR 4/2, Poorly graded sand w/clay, moist, medium dense, Gravel and Cobbles few Subrounded,	10	80	10	
40				medium sand, No odor				
		0		40-45 No Recovery				
45								
		0		No Recovery Boulder encountered 45-46' bgs				
50								
		5	Rock	50-60' Boulder encountered at 51-52' bgs, Rock core recovered in pit ~6in. in length 3.5in				
	0.0			Diameter Rock Description: Granodiorite, strong-very strong, Gray, Non foliated, Phaneritic Massive, visible Quartz, plagioclase, hornblend, Biotite				
55								
60								

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-2

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60								
	0.2	PO	CL	60-61, Stiff, 10YR 4/2, Sandy Lean Clay, Low Plasticity, Moist, Few Small-large Gravel, Subrounded Gravel, No ODOR	60	30	10	
	0.2		SC	61-63.5, Loose, 10YR 4/2, Poorly Graded Sand w/clay, moist, few Small-large Gravel, Subrounded Gravel, No ODOR	10	85	5	
65	0.2		CH	63.5-64, Stiff, 7.5R 8/1, Fat Clay, moist, High Plasticity, Secondary Color 10R 4/3 63.5-64.0	95	5	0	
		PO		No ODOR				
			SP	64-68, Very loose, 10YR 4/2, Poorly Graded Sand, Medium-Coarse sand, Subrounded sand, Wet, No ODOR	5	95	0	
	0.3							
			CH	68-70, Stiff-Very Stiff, 7.5R 8/1, Fat Clay, moist High plasticity, Secondary Color 10R 4/3, few silt, few fine Sand	90	10	0	
70	0.5			No ODOR				
				Bottom of Borehole @ 70 ft. Bgs				

NOTES:
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2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-PR-2		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/9/2025	0-0.5	5.2
9/10/2025	5-10	848.6
9/10/2025	10-15	207
9/10/2025	15-20	134
9/10/2025	20-25	258.2
9/10/2025	25-30	221
9/10/2025	30-35	32.6
9/10/2025	35-40	24.7
9/11/2025	60-62	0.2
9/11/2025	62-64	0.2
9/11/2025	64-66	0.2
9/11/2025	66-68	0.3
9/11/2025	68-70	0.5
9/11/2025	45-50	0
9/11/2025	50-51	0
9/11/2025	50-60	0
9/11/2025	60-65	0
9/11/2025	65-70	0

BORING ID (Well ID) SB-PR-3

PROJECT NAME AND NUMBER	NYDEC Citi/Pratt	**RIG MAKE/MODEL:**	Geoprobe 8140LC
LOGGING GEOLOGIST	K. Cameron	**DRILLING METHOD:**	Sonic
DRILLING COMPANY:	AHEC	**BOREHOLE DIAMETER (in):**	6" (2" well)
DRILLER:	Rob	**WATER TABLE (ft bgs):**	5.3' bgs
DRILLING START:	9/11/25 @ 0845	**TOTAL DEPTH (ft bgs):**	30' bgs
DRILLING END:	9/11/25 @ 1300	**WELL COMPLETED (Y/N):**	(Y) N
		COMPLETION DATE:	9/11/25
		COMPLETION TYPE:	Monitoring well
		WELL SCREEN (ft bgs):	19 to 4 bgs

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION (Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,)	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
1	1151	~~GP~~ Surface	Fill	very loose, Gley2 5PB, fine to medium SAND, small gravels, moist, blocky angular gravels, poorly graded gravel with sand, very strong odor, slight sheen, no active NAPL/pet product visible, forensics collected	10%	60%	30%	Grout Seal Sand TOS
5								
6				No recovery 6.0-9.0' bgs				
7								
8								
9								
10	546	~~546~~	Fill	very loose, Gley2 5PB, fine to coarse SAND, small to large gravels, large brick, strong odor, sheen, dark stainings, moist, trace organic debris, silt to gravel with sand	40%	30%	30%	
11		20%		No recovery 10-14" bgs				
13								
14								
15	692	~~692~~	SM	~~Soft~~ Gley2 5PB mottled w/5Y 5/2, fine to coarse SAND, moist, granular to blocky peels, poorly graded, strong odor, positive NAPL oil in soil	5%	~~50%~~		
16		~~692~~	CL	Medium stiff, Gley2 5PB w/ 5Y 7/2, mildly plastic, non-cohesive, no gravels, trace clay w/ sand, strong odor, staining, moist				
17.7	1345	70%		SAA				
18		~~1345~~	SM	~~Firm~~ loose, 5Y 3/1 mottled with 2.5Y 5/6, fine to coarse SAND trace small gravels, granular to blocky peels, ~~pasilty~~ silty sand, ~~wet~~	60%	25%	<5%	
19	115.9			very strong odor, saturated, slight sheen, positive shaker test				
20.7	115.9	~~445~~	SM	SAA				BOS
20.7		80%		SAA, additional blebs of petroleum in the matrix, larger gravels up to 0.5" inch, ~~moist~~ moist			<5%	
22.5	445							
23	50.1	~~50~~	ML	~~Stiff~~, Gley2 3/5PB, low plasticity, non-cohesive, ~~well~~ ~~graded~~ silt (compacted), very strong odor, no sheen, ~~moist~~	90%	10%	0	Screen
24								
25								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

Note: 10-15' bgs = 20% recovery
15-20' bgs = 70% recovery
20-25' bgs = 80% recovery

[noted PID in wrong column initially]

BORING ID (Well ID) SB-PR-3

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
24	17.5	1	SM	Soft, GLky 2 3/10B, non-plastic, non-cohesive, moist, silty Sand, strong odor, no sheen	30%	70%		
25 ~~25~~	17.5	90%	SM	Soft, GLky 2 3/10B, mottled with 10Y 5/2 and 5Y 6/4, fine to coarse SAND, very trace gravels, wet, strong odor,	60%	35%	5%	
25.5	13.8			slight sheen, trace organic shells and glauconic clay indicative of marine sed, mica interspersed in				
29	↓	↓		matrix, Silty sand				
30	▼							
				30' bgs bottom of boring				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-03

PROJECT NAME AND NUMBER	NYSDEC	**RIG MAKE/MODEL:**	Geoprobe 8140LC
LOGGING GEOLOGIST	K. Swesing	**DRILLING METHOD:**	Roto Sonic
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6
DRILLER:	Dr Pedraza	**WATER TABLE (ft bgs):**	5
DRILLING START:	10/1/25 1445	**TOTAL DEPTH (ft bgs):**	30
DRILLING END:	10/1/25 1530	**WELL COMPLETED (Y/N):**	(Y) N
		COMPLETION DATE:	10/1/25
		COMPLETION TYPE:	MW
		WELL SCREEN (ft bgs):	4 to 19

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
		100	FILL	0-5, Loose, 10YR 3/2, Silty Sand w/ Gravel, Fine - Coarse Sand, Subangular - Subrounded small - large Gravel, Moist - wet ~5' bgs	20	70	10	
	29.2							
5								
	873.2	80	FILL	5-12, Loose, 10YR 3/2, Silty Sand w/ Gravel, Fine - Coarse Sand, Subangular - Subrounded small - Large Gravel, Wet, Very Strong Fuel-like ODOR, moderate sheen, Dark brown/black staining, Building material Fragments	20	70	10	
	1093							
10	208.4							
		80	SM	8-25, medium, 10YR 2/2, Silt w/ Sand, low-plasticity - non-plastic, wet, slight fuel-like ODOR	15	80	5	
	197.4							
	75.3							
15								
	30.2	80						
	24.8							
20	28.4							
		80						
	22.2							
	22.1							
25								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-03

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	164	80	CH@H	25-30, Stiff, 10YR 5/4, Fat Clay, high plasticity, few Gravel, Wood fragments @ 29' bgs	80	10	10	
	11.9							
30								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-PR-3		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/11/2025	0.0-0.6	175
9/11/2025	9-10	346
9/11/2025	14-15	68.2
9/11/2025	17-19	136.5
9/11/2025	19-20	115.9
9/11/2025	20-22	44.5
9/11/2025	23-25	50.1
9/11/2025	25-27	17.5
9/11/2025	28-30	13.8
SB-PR-3 - Re-Install		
10/1/2025	0-5	28.2
10/1/2025	5-7	873.2
10/1/2025	7-9	1083
10/1/2025	9-11	208.4
10/1/2025	11-13	187.4
10/1/2025	13-15	25.3
10/1/2025	15-17	30.2
10/1/2025	17-19	29.8
10/1/2025	19-21	28.4
10/1/2025	21-23	22.2
10/1/2025	23-25	22.1
10/1/2025	25-27	16.4
10/1/2025	28-30	11.9

BORING ID (Well ID) SB-PR-4

PROJECT NAME AND NUMBER	NYDEC Citi/Pratt		
LOGGING GEOLOGIST	K. Smolen	**RIG MAKE/MODEL:**	Geoprobe 8150 LS
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Rotosonic
DRILLER:	Angel Medrano	**BOREHOLE DIAMETER (in):**	6
DRILLING START:	9/11/25 1350	**WATER TABLE (ft bgs):**	7.5
DRILLING END:	9/15/25 1030	**TOTAL DEPTH (ft bgs):**	>20
WELL COMPLETED (Y/N):	Y (N)		
COMPLETION DATE:			
COMPLETION TYPE:			
WELL SCREEN (ft bgs):	to		

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
			FILL	5-7.5 Loose, 10YR 4/2, FILL, Silty Sand w/ Gravel, fine-coarse sand, bricks present, Organic material (roots) Moist	25	55	20	
			FILL	7.5-10 Loose-Medium Dense, 10YR 2/1, Silty Sand, Very fine-fine sand, wet, Strong Naphthalene ODOR, Dark Brown staining, Few Gravel, Shaker test no sheen present, Oil Shaker Test Negative	25	60	15	
5								
		80						
	15.4							
▽								
	1533							
10								
	40.4	40	FILL	10-20 Very Loose, 10YR 4/2, FILL, Backfill material from hand utility Clearance, Coarse sand, Low recovery, wood fragments/Organics 15' bgs	5	90	5	
	4.4							
15								
	40.2	40						
	158.4							
20			FILL	20-26 Medium-Stiff, 10YR 3/2, Fat Clay, Moist-wet, Medium-High plasticity, Cohesive, Trace shell Fragments, wood Fragments/Organics 25' bgs, Large Cobbles 26' bgs. Trace brick fragments throughout. ~~Slight~~ petroleum Oil ODOR	85	10	5	
	3.2	80						
	5.6							
25	4.5							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-4

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	4.5	80						
			SC	26-27 Very loose - loose, 10YR 3/2, Clayey Sand, Wet, Non-plastic, Non cohesive, fine - Medium sand, ~~Non~~ Slight petroleum/oil odor	70	30	0	
	9.6							
			SP-SC	27-30 loose - medium, 10YR 5/3, Sand w/ clay, Moist, Non-cohesive, fine-medium sand, abundant mica at 29.5 ft. bgs, Dark Brown Black staining, Shaker test and Oil shaker test negative for NAPL, slight fuel/petroleum odor	65	30	5	
30	9.9	80						
	2.3		CL	30-40 ~~Sandy Clay~~ Stiff - medium, 10YR 5/4, Sandy Clay, low plasticity, fine-medium sand, Non cohesive, No ODOR, large subrounded cobbles throughout, clayey sand 36-37' bgs, NO ODOR	60	30	10	
	3.8							
35								
	3.0	80						
	4.6							
40	5.4							
		70	CL	40-50 very stiff, 10YR 4/2, Sandy Clay, low plasticity, fine-medium sand, few subangular-subrounded Gravel and Cobbles, Large cobbles at 40.5 ft. bgs, Few pyrite throughout, Dark reddish Brown Mottle 48-49' bgs, Drilling through Hard Boulder ~45-48 ft bgs. No ODOR, with silt, moist-Dry	80	20	10	
	7.1							
	4.1							
45								
	7.1	70						
	7.7							
	8.2							
50								
		70	CL	50-51 Same as Above w/ silt, NO ODOR	70	20	10	
	8.7		SC	51-54 Loose-medium, 10YR 5/3, Clayey Sand, fine-medium sand, moist, non-cohesive, NO ODOR, Trace Mica	25	75	0	
				54-60 Stiff-very stiff, 10YR 4/2, Lean Clay w/ sand, low-medium plasticity, subangular-subrounded	80	10	10	
	5.3			Gravel and cobbles, w/ silt, Mica throughout, NO ODOR, Clayey Sand 58-58.5 ft. bgs				
55								
	8.9	80						
	16.6							
60	15.4							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-4

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	5.2	80	SC	60-66, Loose-medium, 10YR 4/2, clayey Sand, fine-medium Sand, poorly graded, non cohesive, Moist NO ODOR	20	80	0	
	7.2							
65	5.3							
		80	CL	66-70, Stiff, 10YR 4/2, Clay w/ Sand, low plasticity - medium plasticity, fine-medium Sand, Moist few Silt, Mica throughout, Interbedded medium Sand at 58 to 59 ft bgs, NO ODOR. Trace	80	15	5	
	6.0			Coarse Sand.				
70	6.6							

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-PR-4		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/9/2025	0-0.5	0
9/11/2025	6-8	15.4
9/11/2025	8-10	1533
9/11/2025	10-12	41.4
9/11/2025	12-16	48.2
9/11/2025	18-20	158.4
9/11/2025	20-22	3.2
9/11/2025	22-24	5.6
9/11/2025	24-26	4.5
9/11/2025	26-28	9.6
9/11/2025	28-30	5.9
9/11/2025	30-32	2.3
9/11/2025	32-34	3.8
9/11/2025	34-36	3
9/11/2025	36-37	4.6
9/11/2025	38-40	5.4
9/15/2025	40-42	7.1
9/15/2025	42-44	4.1
9/15/2025	44-46	7.1
9/15/2025	46-48	7.7
9/15/2025	48-50	8.2
9/15/2025	50-52	8.7
9/15/2025	52-54	5.3
9/15/2025	54-56	8.9
9/15/2025	56-58	16.6
9/15/2025	58-60	15.4
9/15/2025	60-62	5.2
9/15/2025	62-64	7.2
9/15/2025	64-66	5.3
9/15/2025	66-68	6
9/15/2025	68-70	6.6

BORING ID (Well ID) SB-PR-05

PROJECT NAME AND NUMBER NYDEC Citi/Pratt
LOGGING GEOLOGIST K.Cameron / K.Smerud
DRILLING COMPANY: AARCO
DRILLER: Rob
DRILLING START: 9/11/25 @ 1600
DRILLING END: 9/12/25 @ 0950

RIG MAKE/MODEL: Geoprobe 8140LC
DRILLING METHOD: Sonic
BOREHOLE DIAMETER (in): 4 inch
WATER TABLE (ft bgs): 4.9' bgs (high tide)
TOTAL DEPTH (ft bgs): 30' bgs

WELL COMPLETED (Y/N): (Y) N
COMPLETION DATE: 09/12/25
COMPLETION TYPE: monitoring well
WELL SCREEN (ft bgs): 19 to 4' bgs

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
1	2.8	100%	Fill	Loose, 7.5YR 7/1.4, coarse SAND, small to coarse/large gravel, dry, blocky peds & gravels, well-graded, some gravels, well-graded gravel with sand, large brick & concrete fill, trace odor	10%	50%	40%	Grout
2								Seal
3								Seal
4								Screen
5								
6		0		No recovery (e) 4' bgs				
7		0						
8		0						
9	1080	40%	Fill	Loose, Gley 2 5/PB, medium to coarse SAND, small to coarse gravels, moist, granular to blocky peds, well-graded, coarse SAND, well-graded sand w/gravel, strong odor, minor sheen, stained	20%	60%	20%	
10	1000	40%						
		0		10-15, No Recovery				
		0						
		0						
		0						
15	601.7	0						
		20	Fill	15-20, Loose, 10YR 3/2, Silty ~~Sand~~ Gravel and Cobbles, very fine Snd, Angular Gravel and Cobble fragments, Wood Fragments, wet, Moderate Naphthalene Odor, slight sheen.	30	50	20	
		~~0.2~~	~~Native~~					
20	250							Sump
	384	90	CL	20-25, Soft-Medium, 10YR 3/1, Lean Clay, Low-medium Plasticity, Trace Cobbles, Moderate Naphthalene ODOR, Dark Brn-/Black Staining, Oil Shaker test negative, slight sheen, Globules of Tar ~1" Highly viscous	90	5	5	
25	2.8		~~SW~~					

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-05

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	2.8	90	SC	25-26 - Loose, 10YR 3/2, Clayey Sand, Fine - Medium Sand, wet, wood ~~frag~~ fragments, Moderate ODOR	25	65	10	
	1	|		Naphthalene, Few Gravel, subangular - subrounded Gravel, Dark Brown staining, stiff, mottling present				
	2.3	|	CH	26-28 - Stiff, 10YR 5/2, Fat clay, High plasticity, Few medium - coarse Sand, Trace Gravel, ~~Mod~~ Slight ODOR, moist	85	10	5	
	1	|		Graded to clayey Sand towards 28' bgs				
30		|	SC	28-30 - Stiff 10YR 7/3, Fine - Medium Sand, low plasticity, moist, No ODOR, Clayey Sand	30	70	0	
				30' bgs Bottom of boring				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-PR-5		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/11/2025	0-6	2.8
9/11/2025	8-10	1688
9/12/2025	10-15	NA
9/12/2025	15-20	67.2
9/12/2025	20-22	28.6
9/12/2025	23-25	7.5
9/12/2025	25-27	2.8
9/12/2025	28-30	2.3

BORING ID (Well ID) SB-PR-6

PROJECT NAME AND NUMBER	NYDEC Citi/Pratt	**RIG MAKE/MODEL:**	Geoprobe 8150 LS	**WELL COMPLETED (Y/N):**	Y (N)
LOGGING GEOLOGIST	K. Smerud / K. Cameron	**DRILLING METHOD:**	Rotosonic	**COMPLETION DATE:**	
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6	**COMPLETION TYPE:**	
DRILLER:	Angel Medrano	**WATER TABLE (ft bgs):**	6	**WELL SCREEN (ft bgs):**	to
DRILLING START:	9/10/25 830	**TOTAL DEPTH (ft bgs):**	70		
DRILLING END:	9/10/25 1145				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
0								
1	5.2	100%	FILL	very loose 10YR 5/2, fill silty sand w/gravel, fine to coarse SAND, small to large rounded to angular gravels, moist at 4.5'-5.0' bgs, brick and concrete debris, slight odor 1-4' bgs, strong odor at 5' bgs,	30%	40%	30%	
5								
7	8.9	80	FILL	5-9 Very Loose, 10YR 4/3, Fill backfill from utility Clearance, coarse sand, wet at 6 ft bgs, Moderate Naphthalene-Like ODOR	5	90	5	
	25.4							
10	85.2		CL	9-10 Very Stiff-Stiff, 10YR 3/3, Lean Clay, moist, Low plasticity-Medium plasticity, Trace Gravel, slight ODOR	70	25	5	
		80						
	15.6		FILL	10-11, Very loose, 10YR 4/3, Fill; backfill from utility Clearance, Coarse sand, wet, Moderate Naphthalene ODOR, Trace Gravel	5	90	5	
	26.2		SM	11-15, Medium Dense, 10YR 4/3, Silty Sand, very fine-fine sand, wet, fuel like ODOR Moderate, Dark Brown/Black Staining at 13-14 ft. bgs, Mottling brown/reddish Brown, slight sheen	30	70	0	
15		0		15-20 NO Recovery				
20	72.4							
		80			5	90	5	
	22.1		FILL	20-21 Very loose, 10YR 4/3 Fill, Coarse sand, wet, no ODOR				
				21-25 loose, 10YR 3/1, Well Graded Sand, Fine-Medium Sand, No ODOR, wet	10	90	0	
	4.2							
25								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-6

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	3.1	90	SM	25-32, Loose - medium, 10YR 4/3, Silty Sand, fine - medium Sand, wet, mica present, Trace Gravel, No ODOR, Dark Brown staining at 29-32 Ft. bgs, Oil shaker test negative	30	65	5	
	4.6							
30	2.8							
		80						
	25.1		SW-SM	32-40 Wet Loose-medium, 10YR 5/2, well Graded Sand w/silt, very fine - medium Few coarse sand wet	10	80	10	
	4.8			White quartz sand, Gravel and cobbles at 32.5-33 Ft. bgs, Trace Gravel throughout, gravel and cobbles Subangular-Subrounded, Little mica, slight Naphthalene ODOR				
35								
	1.9	90						
	7.1							
40	20.2		SM	40-43, Loose-Medium, 10YR 4/3, silty Sand, fine-medium Sand, wet, Trace mica, Trace gravel, NO ODOR	30	65	5	
		90						
	20.4		SW-SM	43-44, loose-medium, 10YR 5/2, Well Graded Sand w/silt, fine-medium sand, moist, Few-little rounded-angular Gravel, Brown Black staining, slight petroleum ODOR	10	70	20	
45	2.6		SW-SM	44-50, very loose-loose, 10YR 5/2, well Graded Sand w/silt, fine-medium Sand, wet, Subrounded-rounded Sand, Subrounded-Subangular Gravel, Trace Cobbles, Trace mica, NO ODOR, Heaving Sands	10	80	10	
		90						
	1.4							
	1.8							
50								
	4.6	90	SC	50-52, Medium, 10YR 4/2, Clayey Sand, very fine - medium sand, moist, Cobbles at 51.5 ft. bgs, Few mica, NO ODOR	35	60	5	
	7.8		SP	52-54, loose, 7.5YR 4/2, Poorly Graded Sand, fine-medium Sand, wet, Trace mica, well rounded-Subrounded Sand	5	95 0	0	
55	5.2		SW-SM	54-60, loose, 10YR 5/2, Well Graded Sand w/silt, fine-medium Sand, Fine-coarse Sand at 57-60 Ft bgs moist-wet, Trace Gravel, Subrounded-subangular sand and Gravel, Trace mica, NO ODOR	10	85	5	
		90						
	4.6							
	2.8							
60								

NOTES:
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2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-06

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	4.6	100	ML	60-62 Silt w/ Sand, Stiff, Dry - moist Dark Brown 7.5YR 4/2, Low plasticity, very fine to medium sand, Grades to CL towards 62, NO ODOR, trace gravel	70	25	5	
	2.2		CL	62-65 Lean clay, stiff - very stiff, moist, Dark Brown 7.5YR 4/2, Low - medium plasticity, few sand medium sand, NO ODOR	90	10	0	
65	4.6							
		100	SW	65-70 Well Graded Sand w/ Gravel, very loose - loose, very Dark Grayish Brown 10YR 3/2, Fine - coarse	5	80	15	
	1.8			sand, Subrounded Gravel and Pebbles, Sandy Clay 69.5-70 ft, NO ODOR				
	3.3							
70				70 Dgs Bottom of Boring				

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Minor Components:
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Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-PR-6		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/9/2025	0-0.5	5.2
9/10/2025	5-9	25.4
9/10/2025	5-10	85.2
9/10/2025	10-15	298
9/10/2025	15-20	No Recovery
9/10/2025	20-25	16.8
9/10/2025	25-30	20.4
9/10/2025	30-35	2.2
9/10/2025	35-40	0.6
9/10/2025	40-45	0.6
9/10/2025	50-55	47.2
9/10/2025	55-60	6.8
9/10/2025	60-65	2.4
9/10/2025	65-70	1.6

BORING ID (Well ID) SB-PR-7

PROJECT NAME AND NUMBER	NYDEC Pratt/Citi Storage	**RIG MAKE/MODEL:**	Geoprobe 8140LC	**WELL COMPLETED (Y/N):**	Y (N)
LOGGING GEOLOGIST	M. Cameron	**DRILLING METHOD:**	Sonic	**COMPLETION DATE:**	N/A
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	4	**COMPLETION TYPE:**	N/A
DRILLER:	Rob Alexander	**WATER TABLE (ft bgs):**	5.6	**WELL SCREEN (ft bgs):**	N/A to
DRILLING START:	0845 9/10/25	**TOTAL DEPTH (ft bgs):**	40' DGS (refusal)		
DRILLING END:	1515 9/10/25 (refusal)				

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
0				Fill material 0-5' bgs				
1.6	9.2	100%	SM/FILL	very loose 7.5YR 2.5/1 (soft, silty) fine to medium SAND, dry, non-plastic, non-cohesive, some gravels	50	20	30	
2.5	6.1		SP	rounded to angular, well graded, large brick debris, slight odor				
3.5	7.2		SP	SAA				
4.5	4.4		SP	very loose 7.5YR 2.5/1, mottled w/ 5Y 5/1, fine to coarse SAND, small to large GRAVEL, moist, strong pet.	50	20	30	
5	31.7	100%	SP	odor, slight sheen, brick/asphalt/debris (Fill material)				
6	81.2	80%	SP/FILL	very loose, 2.5Y 2.5/1, fine to coarse gravels, Poorly graded gravel with sand, petroleum odor, sheen, trace large gravels 2", moist, wet		75%		
7.5	84.6	▽	▽	non-plastic, granular peas <.025"				
7.8			CL	2.5Y 2.5/1, mottled with 5Y 4/2, non-plastic, moist, non-cohesive, very trace gravels, sandy lean clay with gravel, strong odor, pet.	85%	20	<15%	
9			CL	staining, sheen in shaker test				
10	84.6		SM	2.5Y 5/4, staining/mottled w/ 5Y 2.5/1, moist, medium plastic, non-cohesive, very trace gravels, Clayey sand, mild odor, no sheen	80%	10%	<15%	
11				No recovery				
15		0%		No recovery				
16	2.0		SC	(16.8-16.8 bgs) 5Y 5/3, staining/streaking 5Y 2.5/1, fine to coarse grained sands (Clayey sand), moist, non-plastic, non-cohesive, poorly graded, no odor	70%	20%	<5%	
16.8			CH	(16.8-18.8 bgs) Gley 2 2.5/10G, very stiff, highly plastic, moist, cohesive, fine sands, fat clay w/ sand, mild odor, no sheen	80%	20%	0%	
18.8								
19.8	1.8		SC	7.5YR 3/1, mottled with staining/streaking Gley 2 2.5/10G, soft, Clayey sand w/ fine sands, moist, non-plastic, non-cohesive,	70	20	10	
20	44.8	90%		mild odor, no sheen				
21		95%	SC	5Y 4/2, mottled with 7.5YR 4/3, soft, Clayey sand with fine to medium SAND, moist, non-plastic, non-cohesive, pet. odor, sheen,	70%	30%		
23.9	44.8			blebs of product, staining, globular product, positive shaker test (oil'n'soil)				
24			CL	5Y 4/3, mottled staining Gley 2 3.5/10G; Sandy lean clay with (trace) gravels, stiff, fine to medium SAND, small gravels, granular	70%	30%	5%	
25	41.1			gravels <.25", medium plastic, non-cohesive, poorly graded, trace sheen, light odor, trace staining,	65%			
				SAA				

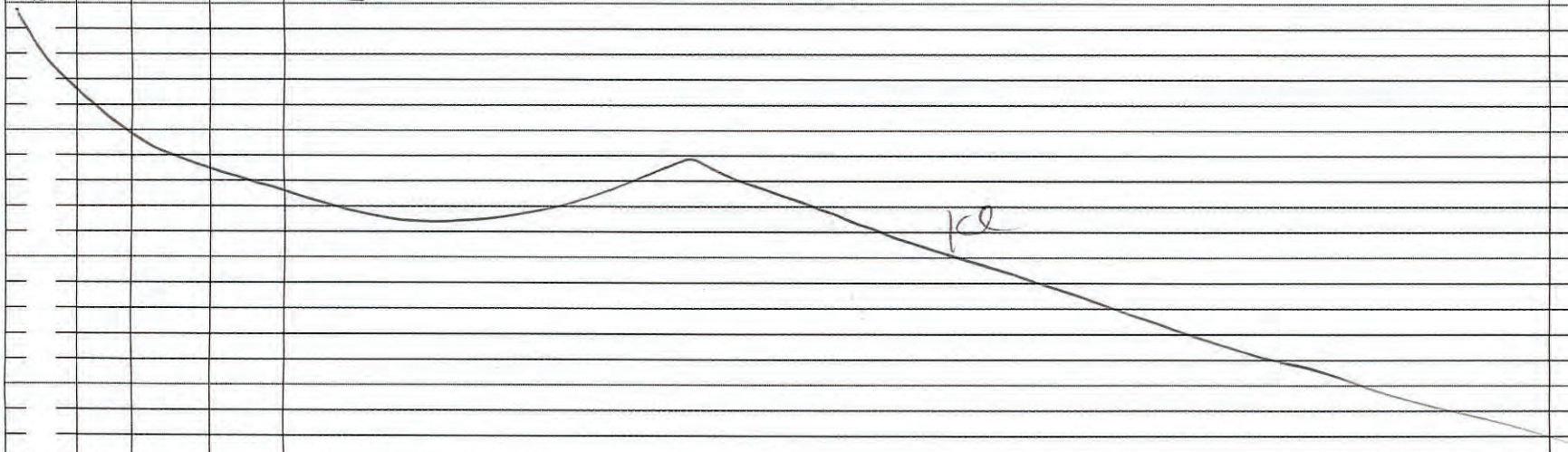
NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-1

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
26	41.1	80%		SAA				
27		"		SAA, Positive Shaker for sheen				
28	47.7	80%		Competent rock/(diorite), very strong, boulder/rock				
29		90%	ML	10YR 5/4, mottled with 10YR 4/1, Sandy silt with trace gravels, fine to medium SAND, angular to rounded gravels (large)	70	25	5	
30	55.8	90%		non-plastic, non-cohesive, moist, well-graded, trace odor, no sheen, soft	~~50%~~			
30.9	55.5	80%	SM	7.5YR 3/3, very stiff, silty sand with gravel (trace gravels), fine SAND, trace angular to sub-rounded gravels,	70%	20%	10%	
32				moist, ~~non-plastic, non-cohesive~~, slight odor, trace staining				
33	7.3	100%		Competent rock (likely diorite boulder), chunks/debris is pulverized to dust/not recoverable				
34								
35	7.3							
36				No recovery due to boulder/pulverized dust/debri, boulder appears to be a diorite. Refusal @ 35'-40' bgs				
37								
38								
39								
40								



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Minor Components:
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Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-07

PROJECT NAME AND NUMBER	NYSDEC Citi/Pratt	**RIG MAKE/MODEL:**	Geoprobe 8140LC
LOGGING GEOLOGIST	K. Jones	**DRILLING METHOD:**	Rotosonic
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (In):**	6
DRILLER:	D. Parker	**WATER TABLE (ft bgs):**	8
DRILLING START:	9/30/25 1335	**TOTAL DEPTH (ft bgs):**	70
DRILLING END:	10/1/25 1314	**WELL COMPLETED (Y/N):**	Y (N)
		COMPLETION DATE:	—
		COMPLETION TYPE:	—
		WELL SCREEN (ft bgs):	— to —

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify)	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
		100	FILL	0-5, Loose/10YR 3/2, Silty Sand w/ Gravel, fine-medium Sand, Angular-Subangular Small-Large Gravel, Moist Slight Fuel-Like ODOR	20	65	15	
	2.1							
5								
	3894	80	FILL	5-10, Loose 10YR 4/2, Silty Sand with Gravel, fine-medium Sand, Moist, Subrounded Gravel and cobbles, Strong Fuel-Like ODOR, Dark Brown/Black staining, Oil Sheen test 7-9'bgs positive, wet at ~8'bgs	25	65	10	
	257.3							
10	89.6							
	2.2	80	FILL	10-13.5, Medium, 10YR 4/1, Silt w/ Sand, non-plastic, fine-medium sand, wet, NO ODOR	85	10	5	
	3.4							
			FILL	13.5-16, Medium, 10YR 4/1, Silty Sand, Non-plastic, very fine-fine sand, moist-wet, slight odor noted, 16'bgs Dark Brown/Black staining at 16'bgs.	25	70	5	
15	3.6							
	181.7	80	FILL	16-17, loose, Gravel w/ Sand, small sub angular Gravel, wood fragments, strong Fuel ODOR, wet	15	35	50	
	16.3		SP-SM	17-20, Medium, 10YR 4/4, Poorly Graded Sand w/ Silt, fine-medium sand, few subrounded Gravel, wet, ~~strong~~ Fuel like ODOR, Dark Brown/Black staining 17'bgs	10	80	10	
20	5.7							
		90	ROCK	20-22, Granodiorite Boulder	—	—	—	
	0.0							
	60		CL	22-25, Stiff, 10YR 6/4, Sandy Clay, Low plasticity, fine-medium Sand, Few Gravel and Cobbles Subrounded	65	25	10	
25	5.4							

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Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-PR-07

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	4.6	80	SP	25-28, Loose, 10YR 3/1, Poorly Graded Sand w/silt, medium-coarse sand, subrounded sand, few subrounded small Gravel wet, No ODOR	10	80	10	
	10.2		SM	28-30, Medium, 10YR 3/2, silty Sand, fine-very fine sand, few subrounded small-large Gravel and Cobbles, Slight NAPL ODOR	25	60	15	
30	9.8		SP					
	10.6	80	SP-SM	30-35, loose-medium, 10YR 4/3, ~~Poorly Graded Sand w/ silt~~ Silty Sand fine sand, -medium sand, Poorly Graded, Few subrounded small-large Gravel, Large cobbles subrounded, Dark Brown/red mottle at 34' bgs	30	60	10	
	12.2			Moist, Slight Naphthalene-Like ODOR				
35	28.1							
	16.9	80	SP-SM	35-39, loose, 10YR 4/2, Poorly Graded Sand w/silt, fine-medium sand, Trace coarse sand, few small Gravel subrounded, wet, Slight ODOR	10	80	10	
	15.5							
40	320		CL	39-45, Stiff-Very Stiff, 10YR 4/1, Lean Clay w/ sand and Gravel, low plasticity, medium-coarse-sand, subrounded small-Large Gravel, Mica, Trace Cobbles, NO ODOR, moist	80	10	10	
	6.8	80						
	1.8							
45	6.3							
	122.6	80	CL	45-48, Stiff-Very Stiff, 10YR 4/1, Lean Clay w/ sand and Gravel, Low plasticity, moist	80	10	10	
	181.2							
			SP	48-50, Loose, 10YR 3/2, Poorly Graded Sand, Medium Sand, Wet, Strong Naphthalene-like ODOR, slight sheen,	5	90	5	
50	97.2			Globules of DNAPL and Blebs, Oil Shaker Test Positive				
	136.0	80						
	68.0							
55	86.6							
	95.8	80	SP	56-60, Loose, 10YR 2/1, Poorly Graded Sand, fine-medium Sand, wet, Strong Naphthalene ODOR, Heavily stained, Saturated DNAPL, Oil Shaker Test Positive, High viscosity NAPL	5	90	5	
	196.0							
60	292.2							

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Little = 16-30 %
Some = 31-49 %

Bedding:
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Bedded = 1.2-11.8 in. (3-30 cm)
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BORING ID (Well ID) SB-PR-07

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify)	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	6589	80	SP-SM	60-65, Loose, 10YR 2/1, Poorly graded sand w/ silt, fine - medium sand, wet, Strong Naphthalene-like odor, Heavily sheened, Dark Brown/Black Staining NAPL, Oil shaker test positive, Coated w/ NAPL	15	85	0	
	2232							
	0504							
	42.0	80	CH	65-70, Silty-Very Stiff, 10YR 4/2, Fat clay w/ Gravel, High Plasticity, subrounded small-Large Gravel Moist, Slight Naphthalene-Like odor at 65.5' bgs, slight staining at 65.5' bgs, Oil shaker test negative	80	5	15	
	12.9							
	49.6							

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Laminated = <0.2 in. (< 0.5 cm)

SB-PR-7		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/8/2025	0-0.6	9.2
9/8/2025	4.5-5.0	347
9/10/2025	5-7	NA
9/10/2025	7-10	84.6
9/10/2025	15-17	2
9/10/2025	18-20	1.8
9/10/2025	20-22	44.8
9/10/2025	23-25	170.7
9/10/2025	25-27	41.1
9/10/2025	28-30	18
9/10/2025	30-32	85.9
9/10/2025	33-35	7.3
SB-PR-7 - Step-out		
9/30/2025	0-5	2.1
9/30/2025	5-7	389.4
9/30/2025	7-8	257.3
9/30/2025	8-10	88.6
9/30/2025	10-12	2.2
9/30/2025	12-13	3.4
9/30/2025	13-15	3.6
9/30/2025	15-17	191.7
9/30/2025	17-18	16.3
9/30/2025	18-20	5.7
9/30/2025	20-22	0
9/30/2025	22-23	6
9/30/2025	23-25	5.4
9/30/2025	25-27	4.6
9/30/2025	27-28	10.2
9/30/2025	28-30	4.8
9/30/2025	30-32	10.6
9/30/2025	32-33	3.2
9/30/2025	33-35	20.1
10/1/2025	50-51	1360
10/1/2025	58-60	2422
10/1/2025	63-65	7232

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-8

PROJECT NAME AND NUMBER	NYDEC City/Pratt			**WELL COMPLETED (Y/N):**	Y (N)
LOGGING GEOLOGIST	K. Smerud	**RIG MAKE/MODEL:**	Geoprobe 8150 LS	**COMPLETION DATE:**	
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Roto Sonic	**COMPLETION TYPE:**	
DRILLER:	Angel Medrano	**BOREHOLE DIAMETER (in):**	6	**WELL SCREEN (ft bgs):**	to
DRILLING START:	9/9/25 1000	**WATER TABLE (ft bgs):**	2.4		
DRILLING END:	9/9/25 14	**TOTAL DEPTH (ft bgs):**	70		

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole/ Well Completion Diagram
	1.4	50	FILL	0-2.5, Loose; 10YR 4/2, FILL; Silt w/Gravel; Subangular - angular gravel, medium - coarse Sand; Dry - Moist,	80	10	10	
	1.8			well graded, Asphalt fragments, small - medium Gravel, Bricks and cobbles at 1.0 ft. bgs; Low Plasticity Clay				
0	2.8			at 2.0 ft bgs. Concrete fragments at 2.0 ft. bgs. Wet at ~2.4 ft. bgs, No ODOR, No Staining, Hand cleared to				
				5.0 ft. bgs.				
5				2.5-5.0 No Recovery				
		0		5-10 No Recovery				
10								
	471	~~580~~	FILL	10-15, Loose, 10YR 4/2, Silty Sand w/Gravel, Medium - Coarse Sand, Small-Medium Gravel, Wet, non-cohesive	30	50	20	
				Cobbles and Brick fragments, Strong Naphthalene-like ODOR, Blebs of Tar, Low Recovery				
15	4.3							
	~	80	SM	15-16, Loose - Medium, 10YR 4/3, Silty Sand, Fine - Medium Sand, Wet, Trace Cobbles, No ODOR	30	65	5	
	13.4		SM	16-18, Loose - Medium, 10YR 3/3, Silty Sand, Fine - medium Sand, Wet, Slight Fuel oil-like ODOR	30	70	0	
			SM	18-20, Loose - Medium, 10YR 4/3, Silty Sand, Fine - Medium Sand, Wet, No ODOR	30	70	0	
	2.6							
20			SM	20-21.5, Medium, 10YR 4/3; Silty Sand, very Fine - Medium Sand, moist, w/ Clay 20.5-21.5, ~~Strong~~ Moderate Fuel-oil like	35	65	0	
	45.2	90		ODOR				
			ML	21.5-25, Medium - Dense, 10YR 4/2, Silt, moist, low plasticity, Cohesive, Few Clay, Few Subrounded small	85	5	10	
	92			Gravel, Moderate Fuel-oil like ODOR				
25	63.2							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) Other: PID, FID, SPT blow Counts

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-8

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25		80	SM	25-27, Loose-Medium, 10YR 4/2, Silty Sand, Fine-Medium Sand, wet, Mottled Dark Gray/Black,	35	65	0	
	26.1			Moderate Naphthalene ODOR				
			ML	27-30, Medium-Dense, 10YR 4/4, Silt w/ Sand, very fine-fine sand, moist-wet, low plasticity,	75	25	0	
	45.6			Moderate Naphthalene ODOR				
30								
	787	90	SM	30-31, Loose, 10YR 4/2, Silty Sand, Fine-Medium Sand, wet, 1" Diameter Isolated Globules of Coal	30	70	0	
				Tar observed, Strong Naphthalene-like ODOR, Oil Shaker Test Negative				
	28.1		ML	31-35, Medium, 10YR 3/2, Silt, low plasticity, moist, cohesive, Trace Gravel, small subrounded gravel,	75	20	5	
35	72.4			Trace Fine-coarse Sand, Red Brick Fragments towards 35 ft. bgs, Moderate-Strong Naphthalene-like ODOR				
		90	SM	35-37, Loose, 10YR 3/3, Silty Sand, Fine-Coarse Sand, Wet, Strong Naphthalene-Like ODOR, 1" Globules of Coal	20	80	0	
	438			Tar observed				
			SC	37-38, Medium, 10YR 5/2, Very Fine-Medium Sand, Wet, Strong Naphthalene-like ODOR	20	80	0	
	1406		SW-SM	37-40, Loose-Medium, 10YR 4/2, Well Graded Sand w/ silt, Fine-Medium Sand, wet, Strong Naphthalene-like ODOR,	10	80	10	
40				1" Globules of Coal Tar Observed, Fragmented Cobbles towards 40 ft bgs, Oil Shaker Test Negative				
	230	80	SW-SM	40-43, Loose, 10YR 3/1, Well Graded Sand w/ silt, Fine-Medium Sand, wet, Few coarse Sand, Dark Brown/Black	10	90	0	
				Staining, Strong Naphthalene-Like ODOR				
	81.4		SM	43-44, Medium, 10YR 7.5YR 3/2, Silty Sand, very fine-Medium Sand, Moist, Strong Naphthalene ODOR, Reddish/Brown	30	70	0	
				Mottling				
45	4131		SW-SM	44-46, Loose, 10YR 3/1, Well Graded Sand w/ silt, Fine-Coarse Sand, wet, Strong Naphthalene Like ODOR, Dark Brown	10	90	0	
		80		Staining, Trace Mica, Oil shaker test positive for NAPL, Faint sheen				
	1321		SM	46-48, Medium, 10YR 3/1, Silty Sand, very fine-fine Sand, moist, Trace Mica, Moderate Naphthalene-Like ODOR	30	70	0	
	4218		SW	48-50, Loose, 10YR 3/1, Well Graded Sand, Fine-Medium Sand, Few coarse Sand, wet, Strong Naphthalene-Like	10	90	0	
50				ODOR, Heavily Sheened, NAPL Throughout, Oil Shaker test positive NAPL Present				
	18.3	90	CH	50-55, Stiff-Very Stiff, 10YR 4/1, Clay w/ sand, low-High plasticity, moist, Fine-Medium Sand, NO ODOR	80	20	0	
				Trace Mica				
	11.6							
55	18.0							
		90	SP-SM	55-60, Loose-Medium, 10YR 3/3, Poorly Graded Sand w/ silt, very fine-fine Sand, moist-wet, few medium	10	90	0	
	70.4			Sand, Moderate Naphthalene ODOR, Bleb at ~ 56' bgs, Dark brown staining, Oil shaker test negative,				
	8.7							
60								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-PR-8

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	6.2	80	CH	60-65, very stiff-hard, 2.5YR 4/3, Fat Clay, High plasticity, Dry-Moist, Trace Mica, NO ODOR	90	10	0	
	6.4							
65	8143							
	5472	90	SW-SM	65-67, loose, 10YR 3/1, Well Graded Sand w/ silt, fine-coarse sand, wet, 0.5" Globules of Coal Tar, strong sheen, strong Naphthalene ODOR	10	80	0	
	71.8		SM	67-70, medium, 10YR 4/2, Silty Sand, very fine-fine sand, Moist, No ODOR	30	70	0	
70				Bottom of Borehole @ 70 ft. bgs				

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-PR-8		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/8/2025	0-0.5	1.4
9/9/2025	0.5-6	1.8
9/9/2025	5-10	Not Available
9/9/2025	10-15	Not Available
9/9/2025	15-20	13.4
9/9/2025	20-30	63.2
9/9/2025	20-25	316
9/9/2025	25-30	178
9/9/2025	30-30.5	787
9/9/2025	30-35	3600
9/9/2025	35-40	409
9/9/2025	39.5-40	1406
9/9/2025	40-45	1520
9/9/2025	45-50	4394
9/9/2025	50-55	5.4
9/9/2025	55-60	4.1
9/9/2025	60-65	3.2
9/9/2025	65-65.5	814.3
9/9/2025	65-70	634

SB-WI-01

BORING ID (Well ID) ~~SB-WI-05~~

PROJECT NAME AND NUMBER NYDEC Citi/Pratt
LOGGING GEOLOGIST K. Cameron/K. Smerud
DRILLING COMPANY: AARCO
DRILLER: Angel Madrue
DRILLING START: 9/17/25 @ 0900
DRILLING END: 9/17/25 @ 1730

RIG MAKE/MODEL: Geoprobe 8150LS
DRILLING METHOD: Sonic
BOREHOLE DIAMETER (in): 6" (4 inch
WATER TABLE (ft bgs): 5.9
TOTAL DEPTH (ft bgs): 70' bgs

WELL COMPLETED (Y/N): Y (N)
COMPLETION DATE: —
COMPLETION TYPE: —
WELL SCREEN (ft bgs): N/A to N/A

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
0		100		0.0-0.5 Concrete				
	6.4		FILL	0.5-5.0 ; very loose, 10YR 2/2, Fill, Silty Sand w/ Gravel, Subangular Gravel, fine- coarse Sand, Fragments of metal/wood/building material, NO ODOR, Trace cobbles	50	25	25	
	5.4		↓					
5			FILL	5-6 , very loose, 10 YR 5/1, Fill, Pulverized Concrete, Angular - Sub angular gravel /aggregates, Dark Brown/ Black staining, moderate fuel-like ODOR	50	25	25	
	392.4	40	↓					
			FILL	6-10 , very loose, 10YR 3/1, Fill, Pulverized concrete, NO ODOR	50	25	25	
	41.6							
10								
			FILL	No recovery, loose fill				
			↓					
15			↓					
			FILL	(18-20') loose, Grey2/Black, small to large GRAVEL, little course SAND, angular rocks, strong coal-tar odor, visible	<5	15	85	
			FILL	~~(19-20 bgs) Boulder~~ /rock debris, fuel-like odor and coating of material with sheen product/tar/sheen	—	—	100	
20			↓					
			ML	(20.-26.5) Soft, Grey2/Black, moist, milding plastic, non-cohesive, trace organics (wood debris), saturated with product, coal tar-like odor, Hebis of product/tan clay	100%			
25								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-WI-01

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
			ML	(26.5-30) soft, 5Y 5/1 mottled with Gley 2/Black, moist, mildly plastic, non-cohesive, staining throughout matrix, tar-like odor, lean clay	100%			
30		90%		(30-31) no recovery				
			SM	(31-36.5) medium dense, , fine to coarse SAND, moist, trace small gravels (angular to sub-rounded), tar-like odor, blebs and globules of coal tar, staining through matrix, trace sheen on shaker, silty sand	95		5	
35								
			SW	(36.5-42.5) loose, 2.5Y 5/6, fine to coarse SAND, small to large GRAVELS, large cobbles/rounded to angular, well-graded, well-graded sand with gravel, very trace tar-like odor, very trace staining, negative sheen on shaker	15	70	15	
40								
			ML	(42.5-45.0) stiff, 2.5Y 6/6 , moist, mildly plastic, mildly cohesive, medium SAND (coarse), very trace small gravels, lean clay with sand, no odor.	65	35		
45			SP-SM	(45-53) loose, 2.5Y 4/4, dry, coarse SAND, trace small gravels, poorly-graded, no odor, very trace staining (at 52.5-53.0).		95	5	
50								
			SC	(53-58) loose, 7.5YR 4/2, dry, silt/fine to coarse SAND, few small gravels (rounded), poorly-graded, clayey sand	20	70	10	
55								
				(58-60) SAA, large angular gravels, clayey sand with gravels, gravels up to 2.5"	15	65	15	
60								

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-WI-01

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
			SP-SM	(60-65) loose, 7.5YR 4/4, medium coarse SAND, wet, poorly-graded (no gravel), visible staining no odor, negative sheen	<10	90	0	
65				(65-69.5) loose sand with trace gravels				
70				(69.5-70) lean clay				

NOTES:
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Minor Components:
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Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-WI-01		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/17/2025	0.5	6.9
9/17/2025	4	5.4
9/17/2025	5-7	392.4
9/17/2025	8-10	41.5
9/17/2025	18-20	886
9/17/2025	20-22	392
9/17/2025	22-24	534.5
9/17/2025	24-26	214
9/17/2025	26-28	108.8
9/17/2025	28-30	103.9
9/17/2025	30-33	112.2
9/17/2025	33-37	30.5
9/17/2025	37-40	16.7
9/17/2025	40-42	15.8
9/17/2025	43-45	9.8
9/17/2025	45-47	11.6
9/17/2025	48-50	14
9/17/2025	50-52	17.9
9/17/2025	53-55	94.2
9/17/2025	55-57	107.7
9/17/2025	58-60	65
9/17/2025	60-62	6.6
9/17/2025	63-65	24.3
9/17/2025	65-67	14.3
9/17/2025	68-70	27.5

BORING ID (Well ID) SB-WI-02

PROJECT NAME AND NUMBER	NYDEC Citi/Pratt	**RIG MAKE/MODEL:**	Geoprobe 8150
LOGGING GEOLOGIST	K. Cumming	**DRILLING METHOD:**	Sonic
DRILLING COMPANY:	AARCO	**BOREHOLE DIAMETER (in):**	6-4"
DRILLER:	Angel	**WATER TABLE (ft bgs):**	7
DRILLING START:	9/17/25 @ 1430	**TOTAL DEPTH (ft bgs):**	70
DRILLING END:	9/18/25 @ 1000	**WELL COMPLETED (Y/N):**	Y (N)
		COMPLETION DATE:	—
		COMPLETION TYPE:	—
		WELL SCREEN (ft bgs):	to

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify)	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	PID	100%	FILL	<1' of concrete				
				0'0-0.6 bgs very loose, 10YR 3/6, fill, silty sand w/ gravel, angular gravels up to 1", fine to coarse sand, metal debris, no odor, dry, fill material	40	20	20	
5	18.7	100%						
10		0%	SM	(10-18) no recovery due to unconsolidated fill, large brick debris				
15	PID 20%	20%						
				(18-20) loose, 5Y 3/2, mottled with 5Y 5/6, coated with Gley2/black; fine to coarse SAND, small to large angular gravels, wet, silty sand w/ gravel	50	30	20	
20	7.7			(20-29) no recovery due to unconsolidated fill, large brick debris				
	114.2		GW	(29-30) very loose, Gley2/Black, medium to course SAND, small to large GRAVELS, wet, angular blocky gravels, well-graded, well-graded gravel w/ sand, coal tar-like odor, sheen, blebs on gravels	20	40	40	
30								

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

1 of 3
KE

BORING ID (Well ID) SB-WI-02

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
		100%	ML	(30-34.5) Soft, GLey2/Black mottled with 5Y 4/3 clay, mildly plastic, mildly cohesive, moist, lean clay, fully saturated with product, coal tar-like moderate odor, sheen in shaker (lean clay), blebs	95%	<5%	0	
	12.4			of product, globules of product @ 31-31.5				
	17.8		SC	(34.5-37.8) medium dense, 2.5Y 6/6 striations of GLey2/black, fine to coarse SAND, clayey sand, trace tar-like odor, no sheen, no visible product, poorly-graded, moist	70	30	0	
35								
			SW	(37.8-40.0) medium dense, 2.5Y 5/2, medium to coarse SAND, small to medium rounded gravels, moist, well-graded sand w/ gravel, very trace organic odor, no sheen	10	70	20	
40	8.4	▼	SW	(40-42.5) SAA, wet	10	70	20	
		55%						
			SW	(42.5-43.5) SAA, wet, striations/staining of GLey2/black, very trace fuel-like odor, trace sheen in shaker	10	70	20	
45	17.7		SW	(43.5-48) medium dense, 5Y 3/2, fine to coarse SAND, small to medium rounded gravels, moist, well-graded sand with gravel, trace fuel-like odor, no sheen	20	60	20	
			ML	(48-50) dense, 10YR 4/6, fine/silty (compacted), fine SAND, trace rounded cobbles <.25", dry, non-plastic, non-cohesive, no odor	90	5	<5	
50	21.6	▼						
	0	20%	—	(50-58) no recovery due to very loose unconsolidated material, very wet, attempted 2nd run with core catcher and only achieved recovery from 58-60' bgs	—	—	—	
55								
			SP-SM	(58-60) very loose, GLey2/Black, 5B Grey 5B 6/1, fine to medium SAND, small rounded/sub-rounded gravels, poorly-graded, poorly-graded sand with silt and trace <5% gravels, visible NAPL-like product, strong NAPL-like odor, fully saturated matrix (saturated w/ product), sheen, positive shaker oil in soil, very wet, visible hydrophobic action between product and water/coating of product	45	50	5	
	21.7							
60		▼						
	33.5	100%	SP	(60-65.5) very loose, 10YR 4/3, coarse SAND, moist, rounded SAND beds, poorly-graded sand				
	98.0							
65		▼						

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-WI-02

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
		100%	SC	(65S-70) loose, 7.5YR 4/3, clayey sand, fine to medium SAND, trace rounded gravels, moist, poorly-graded, no odor, no sheen in shaker	30	65	<5	
70	523			70' bgs bottom of boring				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-WI-02		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/17/2026	0.0-0.6	7.2
9/17/2026	5-7	18.7
9/17/2026	18-20	767
9/17/2026	29-30	1142
9/17/2026	30-32	11.4
9/17/2026	32-34	17.8
9/17/2026	34-36	21.7
9/17/2026	36-38	9.7
9/17/2026	38-40	8.4
9/17/2026	46-48	17.7
9/17/2026	48-50	29.6
9/18/2026	58-60	450
9/18/2026	60-62	27.7
9/18/2026	62-64	32.5
9/18/2026	64-66	88
9/18/2026	66-68	39.3
9/18/2026	68-70	52.3

BORING ID (Well ID) SR-WI-03

PROJECT NAME AND NUMBER	NYDEC MGP (Citi/Pratt)		
LOGGING GEOLOGIST	K. Cameron / K. Smenoff	**RIG MAKE/MODEL:**	Geoprobe 8150
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Sonic
DRILLER:	Angel Medrano, Davey Machero	**BOREHOLE DIAMETER (in):**	6
DRILLING START:	9/17/25 @ 1515	**WATER TABLE (ft bgs):**	8.5
DRILLING END:	9/18/25 1258	**TOTAL DEPTH (ft bgs):**	30
WELL COMPLETED (Y/N):	Y (N)		
COMPLETION DATE:			
COMPLETION TYPE:			
WELL SCREEN (ft bgs):	to		

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
				Concrete <1'				
	56.8	100%	FILL	Very loose, 10YR 3/6, very loose, fine to coarse SAND, small to large angular gravels, dry poorly-graded, brick debris, no odor	10	70	20	
5			Fill	5-10, Very loose, 10YR 2/2, Fill Silty Sand w/ Gravel, fine-coarse sand, small - large angular-subangular gravel, wet at ~8.5bgs, Dark Brown/black staining, 6-10 ft bgs, strong naphthalene like odor, moderate sheen, oil shaker test positive at 7-9' bgs, wood fragments	25	50	25	
		90						
	42.1							
	416.4							
10			FILL	10-14, very loose, 10YR 2/1, Fill, Well graded Sand w/ Gravel, fine-coarse sand, wet subangular-angular gravel, strong naphthalene like odor, moderate sheen, dark Brown/Black staining, Tar-like substance, oil shaker test positive, wood fragments	10	65	25	
	105.1	80						
	511.6							
			FILL	14-20, Hard, 10YR 6/1, Boulders/Concrete				
15								
		5						
	10.6							
20								
		80	SM	20-24 loose, 10YR 3/3, Silty Sand, very fine-Medium sand, wet, Trace coarse Sand, Trace Gravel, Well Graded very loose sand ~23-24' bgs, slight sheen, slight odor fuel like.	25	70	5	
	8.8							
	7.3		SM	24-25, loose, 10YR 2/2, Silty Sand, very fine-medium sand, wet, slight Brown-Dark Brown staining, slight odor.	25	75	0	
25								

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-WI-03

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID (ppm)	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor;	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25		80	Rock	25-26.5, Hard, Dark - light Gray, Granodiorite, Non foliated, Quartz, Plotete, hornblende, KS	40	50	10	
	10.2			26.5-29, Medium, 2.5Y 5/3, Clayey Sand, fine-medium Sand, few subangular Gravel, moist, ~~slight fuel-like~~ NO ODOR				
	~~39.1~~		SP-SM	29-30.5, Very loose, 2.5Y 4/3, Poorly Graded Sand w/silt, fine Sand. Abundant some Mica, Dark	10	90	0	
30	68.6			Brown Mottling / staining, Slight fuel-like ODOR, moist				
		90						
	82.4		SP	30.5-34, loose-very loose, 2.5Y 4/2, Poorly Graded Sand, ~~fine~~ medium Sand, moist, Trace coarse sand	5	90	5	
				Trace Mica, NO ODOR				
	6.0							
35								
	2.2	90						
	7.7		SP-SM	39-40 loose, 2.5Y 4/2, Poorly Graded Sand w/silt, fine-medium Sand, moist, reddish-Brown Mottle	10	90	0	
40				throughout, trace Mica, NO ODOR				
		90						
	3.3		SP	40-44, Very loose, 2.5Y 4/2, Poorly Graded Sand, Medium Sand, Moist, trace mica, NO ODOR	5	95	0	
	3.1		SP-SM	44-45, Medium-loose, 10YR 4/2 Poorly Graded Sand w/silt, moist, few mica, fine-medium Sand,	15	85	0	
45				NO ODOR				
	3.7	90						
			SP	45-58, loose, 10YR 4/2, Poorly Graded Sand, Medium Sand, Moist, trace mica, no ODOR	5	95	0	
	8.3							
50	6.0							
		90						
	5.6							
	8.4							
55								
	8.9	90						
			SP-SM	58-60, Medium, 7.5YR 4/2, Poorly Graded Sand w/silt, fine-medium Sand, trace mica, NO ODOR	15	85	0	
	6.1							
60								

NOTES:
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2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

EA Engineering, Science, and Technology, Inc., PBC

BORING ID (Well ID) SB-WI-03

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor.	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	19.4	80	SP	60-70, loose, 10YR 4/2, Poorly Graded Sand, medium sand, Trace Mica, Dark Brown silt at 66' bgs. NO ODOR	5	95	0	
	5.9							
65	11.4							
		80						
	7.9							
	6.4							
70				70' bgs bottom of boring				

NOTES:
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Minor Components:
- Trace = <5 %
- Few = 6-15 %
- Little = 16-30 %
- Some = 31-49 %

Bedding:
- Thickly bedded = >11.8 in. (>30 cm)
- Bedded = 1.2-11.8 in. (3-30 cm)
- Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
- Laminated = <0.2 in. (< 0.5 cm)

SB-WI-03		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/17/2025	0-0.6	56.8
9/18/2025	5-7	42.1
9/18/2025	7-9	416.4
9/18/2025	10-12	105.1
9/18/2025	11-13	511.6
9/18/2025	15-20	10.6
9/18/2025	20-22	8.8
9/18/2025	23-25	7.3
9/18/2025	25-28	10.2
9/18/2025	28-30	68.6
9/18/2025	30-32	82.4
9/18/2025	33-35	6
9/18/2025	35-37	2.2
9/18/2025	38-40	7.7
9/18/2025	40-42	3.3
9/18/2025	43-45	3.1
9/18/2025	45-47	3.7
9/18/2025	47-49	8.3
9/18/2025	49-51	6
9/18/2025	51-53	5.6
9/18/2025	53-55	8.4
9/18/2025	55-57	8.9
9/18/2025	57-59	6.2
9/18/2025	59-61	19.4
9/18/2025	61-63	5.9
9/18/2025	63-65	11.4
9/18/2025	65-67	7.9
9/18/2025	68-70	6.4

BORING ID (Well ID) SB-WI-04

PROJECT NAME AND NUMBER	NYDEC Cit/Pratt (MGP)		
LOGGING GEOLOGIST	K. Smerud	**RIG MAKE/MODEL:**	Geoprobe 8140 LC
DRILLING COMPANY:	AARCO	**DRILLING METHOD:**	Roto Sonic
DRILLER:	Darcy Macheco	**BOREHOLE DIAMETER (in):**	6 in
DRILLING START:	9/17/25 1050	**WATER TABLE (ft bgs):**	9
DRILLING END:	9/17/25 1426	**TOTAL DEPTH (ft bgs):**	70
WELL COMPLETED (Y/N):	Y (N)		
COMPLETION DATE:			
COMPLETION TYPE:			
WELL SCREEN (ft bgs):	to		

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	0.0	100	FILL	0.0-0.5 Asphalt				
			FILL	0.5-5.0 very loose, 10YR 3/2, Fill, silty Sand w/ Gravel, fine-coarse Sand, Subangular gravel, moist, No ODOR	25	50	25	
	0.5							
5	0.9							
		80	FILL	5-9, very loose-loose, 10YR 3/2, Fill, silty Sand w/ Gravel, Fine-coarse Sand, Subangular-angular	25	50	25	
	4.2			Gravel, Slight ODOR,				
▽	6.8		FILL	9-14, very loose, 10YR 2/2, Fill, Sand w/ Gravel, fine coarse gravel and sand, wet Angular/Subangular, Strong	10	50	40	
10				Naphthalene like odor, Dark Brown/Black staining, Oil Shaker test ~~negative~~ positive, Sheen, Coal TAR, saturated				
	120.7	80						
	402.8		SW-SM	14-20, Medium-loose 10YR 4/3, well Graded Sand w/ silt, fine-medium Sand, Trace gravel, Strong	15	80	5	
15				Naphthalene Like ODOR, wet, highly sheened at 16-18 ft bgs, Dark Brown/Red/Black staining				
	40.1	90		at 16-14 ft. bgs, Oil shaker test positive				
	801.7							
20	124							
	44.4	90	ML	20-21, Medium-soft, 10YR 4/1, Silt, non plastic, moist, Subrounded cobbles, No ODOR, Trace mica	85	10	5	
			SP	21-24 loose, 10YR 4/2, Poorly graded Sand w/ silt, wet, fine-medium sand, slight ODOR Naphthalene like	15	80	5	
	21.6			and sheen at 23' bgs, ~~Some~~ slight Brown/Black staining, Trace Gravel				
			SP	24-25.5, loose, 10YR 4/3, Poorly Graded Sand w/ silt, wet, fine-medium sand, strong ODOR Naphthalene like,	15	85	0	
25	374.6			Heavy sheen, Dark Brown/Black/red staining, Oil shaker test Positive				

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-WI-04

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25	22.6	90	CL	25.5-27.5, Stiff, 10YR 6/3, Sandy Clay w/ Gravel, Moist, Low plasticity, NO ODOR, Subrounded Gravel, medium - coarse sand,	50	30	20	
	10.1		SP-SC	27.5-29, loose - medium, 2.5Y 4/3, Poorly Graded Sand w/Clay and Gravel, moist - wet, medium sand, NO ODOR	10	80	10	
30	522.1	40	SP	29-31, Loose, 2.5Y 4/3, Poorly Graded Sand, wet, medium sand - coarse sand, Strong Naphthalene like ODOR, Heavy sheen, Dark Brown / Black / red staining, Oil Shaker Test Positive	5	90	5	
	33.6		SM	31-33.5, medium, 2.5Y 4/3, silty Sand, fine sand, moist, Slight Naphthalene like ODOR, slight staining Dark Brown, Grades to silt towards 33.5 ft. bgs. Mica visible	20	80	0	
35	12.2		CL	33.5-35, Stiff, 10YR 4/2, Lean clay with sand, low plasticity, w/ silt, Fine sand, NO ODOR	70	25	5	
		90	SP	35-36, Loose, 10YR 5/4, Poorly Graded Sand, Fine - medium sand, moist, mica, no ODOR	5	95	0	
	10.6		ML	36-38, Medium, 10YR 4/2, Silt w/ sand, Non plastic, Moist, very fine - fine sand, Dark brown / Black mottling, Abundant Mica, NO ODOR.	80	20	0	
	8.2		SP-SM	38-44, Loose - very loose, 10YR 5/4, Poorly Graded sand w silt, fine-medium sand, wet, Abundant Mica, Dark Brown / Black interbedded silt w/ mica, NO ODOR	15	85	0	
40	3.4	90						
	2.0							
			SW	44-45.5, very loose, 10YR 5/4, well Graded Sand, fine - coarse sand, subrounded sand, subangular - subrounded, few Gravel, Moist, NO ODOR	5	80	15	
45	3.1	90						
	2.8		CH	45.5-50, very stiff, 10YR 6/1, Fat Clay, High plasticity, moist, NO ODOR	95 ↓	5 ↓	0 ↓	
	2.0							
50	7.6	90		50-60, Very stiff, 10R 4/2, Secondary color 10YR 7/1, Fat Clay, high plasticity, moist, NO ODOR	90	10	0	
	8.0							
55	7.6							
		90						
	7.6							
	6.2							
60								

NOTES:
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Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) SB-WI-04

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID ppm	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
60	11.0	80	SW	60-65, very loose, 10YR 5/4, well graded Sand, fine - coarse sand, subrounded Gravel/fine Gravel, moist, slight ODOR, possible cave in from upper interval sands.	5	80	15	
	22.3							
65	5.6							
		80	CH	65-70, very stiff, 10R 4/2, Secondary color 10YR 7/1, Fat Clay, high plasticity, moist, No ODOR	90	10	0	
	6.9							
	2.6							
70				70' bgs bottom of boring				

NOTES:
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Minor Components:
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Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-WI-04		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/17/2025	0.5	0
9/17/2025	3	0.5
9/17/2025	5	0.8
9/17/2025	5-7	4.2
9/17/2025	8-10	6.8
9/17/2025	10-12	120.7
9/17/2025	13-15	402.8
9/17/2025	15-17	40.1
9/17/2025	17-19	801.4
9/17/2025	19-20	12.4
9/17/2025	20-22	44.4
9/17/2025	22-24	21.6
9/17/2025	24-26	374.6
9/17/2025	26-28	22.6
9/17/2025	28-30	10.1
9/17/2025	30-32	522.1
9/17/2025	32-34	33.6
9/17/2025	34-36	12.2
9/17/2025	36-38	10.6
9/17/2025	38-40	8.2
9/17/2025	40-42	3.4
9/17/2025	42-44	2
9/17/2025	44-46	3.1
9/17/2025	46-48	3.8
9/17/2025	48-50	2
9/17/2025	50-52	7.6
9/17/2025	52-54	8
9/17/2025	54-56	7.6
9/17/2025	56-58	7.6
9/17/2025	58-60	6.2
9/17/2025	60-62	11
9/17/2025	62-64	22.3
9/17/2025	64-66	5.6
9/17/2025	66-68	0.9
9/17/2025	68-70	2.6

BORING ID (Well ID) SB-W1-05

PROJECT NAME AND NUMBER	NYDEC Citi/Pratt	**RIG MAKE/MODEL:**	Geoprobe 8150LC
LOGGING GEOLOGIST	K. Cameron	**DRILLING METHOD:**	Sonic
DRILLING COMPANY:	MARCO	**BOREHOLE DIAMETER (in):**	6" casing, 4" sample
DRILLER:	Angel	**WATER TABLE (ft bgs):**	7.0
DRILLING START:	09/15/25 @ 1020	**TOTAL DEPTH (ft bgs):**	~~80~~ 65
DRILLING END:	9/16/25 @ 1630	**WELL COMPLETED (Y/N):**	Y (N)
		COMPLETION DATE:	N/A
		COMPLETION TYPE:	N/A
		WELL SCREEN (ft bgs):	~~to~~ RE

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
01	0.0	100%	Fill	Very loose, 10R 3/2, fine to coarse SAND, small to large gravels, dry, blocky peds, well-graded, silty sand with gravel, non-native fill, no oder, no sheen	~~60~~	20	20	
5				No recovery, loose fill				
10	0.4	100%	Fill	Very loose, 2.5Y 5/3, mottled with 7.5YR 6/1, fine to coarse SAND, small to large gravels, dry, angular/blocky peds and gravels, well-graded, SAND with gravels, brick debri, no odor, non-native fill	60	20	20	
15	0.0		Fill	SAA				
20	912	20%	Fill	Very loose, 5Y 5/3, mottled with 10YR 5/2, coarse SAND, small to large gravels, wet, granular to blocky peds/gravels, gravels up to 1-1.5", well-graded gravel with sand, geotextile debris found at 20.8' bgs, fill continues below geotextile pieces, trace brick and asphalt, very trace odor of coal tar	35	<5%	60	
25	914							

NOTES:
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Minor Components:
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Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) ~~SB-PR-05~~ 14" SB-WI-05

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
25.7	2.8	50%		SAA				
			FILL	(25.7-30.0' bgs) medium dense, 10YR 6/3, fine to coarse SAND, small to large angular gravels, blocky & granular peds, wet, well-graded, silty sand with gravels, trace brick debris, non-native fill material, no odor	50	30	20	
30	0		SM	(30-32.5' bgs) loose, Gley2 3/PBB, mottled with 10R 5/6 and 5Y 7/2, fine to coarse SAND, small to large gravels, moist, mildly plastic, non-cohesive, well-graded, angular gravels <1", naphalene odor, blebs of product, sheen positive, trace coal tar, silt w/ gravel				
	2.3	100%			60	25	15	
			ML	(32-36' bgs) medium stiff, 5Y 6/1, fine sand, small rounded gravels, very trace gravels, dry, non-plastic, non-cohesive, napthalene-like odor, silt with gravels, ~~well-graded, poorly graded~~ ice	80	15%	<5%	
35								
		100%	ML	(36-39.5) SAA, large coarse gravels				
40	27.2		—	(39.5-42) Competent rock/boulder, igneous potentially diorite				
		80%						
			GW	(42-45 bgs) very loose, 5Y 4/2, coarse SAND, small to medium angular gravels, moist, well-graded, fuel-like odor (trace) no sheen, well-graded gravel w/ SAND	15	25	60	
45	13.0		SP	(45-48 bgs) very loose, 5Y 4/1, medium to coarse SAND, (no gravels), wet, granular medium-coarse sands, poorly-graded/uniform, napthalene odor, positive shaker test for sheen/product, blebs, globules of product, product visible on bag, saturated	<5	90	<5	
		60%						
			GP	(48.5-50) very loose 1 5Y 4/1 and Gley2 2.5/10G (black), medium coarse SAND, wet, poorly-graded, very trace gravels <1%, napthalene-like odor, trace coal tar, saturated product, tar-like odor, positive shaker test, blebs of product	<5	90	<5	
~~50~~ 50	9.8	90%						
			ML	(50-50.5 25) stiff, 10YR 3/2, mottled with 7.5YR 4/3, fine SAND, silty, dry, poorly-graded, non-plastic, non-cohesive, trace fuel-odor	80%	15%	<5	
				(52.5-55) stiff, SAA, small angular gravels	70%	20	10	
55	3.5		ML	(55-57.5) loose, 10YR 3/2, mottled with reddish clay 10RS/6, moist, fine to coarse SAND, small to medium gravels, well-graded, non-plastic, non-cohesive, silty sand with gravels, angular gravels, trace fuel-like odor	60	25	15	
		80%						
				(57.5-60.0) SAA no red clay				
60	6.9							

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

BORING ID (Well ID) ~~SB-PR-05~~ SB-WI-05

DEPTH BELOW GROUND SURFACE (ft)	OTHER (Specify) PID	SAMPLE TYPE & RECOVERY (ft/ft)	USCS CLASSIFICATION	MATERIAL DESCRIPTION Principal Component, Color (Munsell), Moisture/Saturation; Coarse Fraction - Density, Grading, Angularity, Mineralogy; Fine Fraction - Consistency, Dilatency, Plasticity; Minor Component(s), Bedding/Contacts, Grain Size Trends, Staining, Odor,	% FINES (Silt & Clay) (<0.003 in.)	% SAND (0.003 - 0.19 in.)	% GRAVEL + LARGER (0.19-2.9 in.)	Borehole Completion Diagram
	10.4	80%	CH	(60-64.2) very stiff, 10YR 5/2, mottled with striations of 10R 5/4, 2.5Y 5/4 and Gley 2/black, highly plastic, dry, non-cohesive, fat clay, striations of staining throughout, trace fuel-like odor, trace naphalene-like odor, no sheen, fat clay	100			
65			CL	(64.2-65.0) medium stiff, 10R 4/6, moist, mildly plastic, non-cohesive, lean clay with sand	70	30	-	
	Ø	80%						
70			ML	(70-78.5) very stiff/hard, 5Y4/1 mottled with Gley 2/black, heavily compacted silt, dry, non-plastic, non-cohesive				
		100%		(78.5-80.0) stiff, 5Y4/1 mottled with Gley 2/black, silt with sand, fine SAND,	80	20		
75								
		100%						
80								
				80' bgs depth to bottom of boring				

NOTES:
1) Lower contact(s) gradational unless otherwise noted.
2) 'W>LL' indicates when water content greater than the Liquid Limit inhibited field determination of plasticity.

Minor Components:
Trace = <5 %
Few = 6-15 %
Little = 16-30 %
Some = 31-49 %

Bedding:
Thickly bedded = >11.8 in. (>30 cm)
Bedded = 1.2-11.8 in. (3-30 cm)
Thinly bedded = 0.2-1.2 in. (0.5-3 cm)
Laminated = <0.2 in. (< 0.5 cm)

SB-WI-05		
Date	**Depth Interval (ft bgs)**	**PID Reading**
9/16/2025	0-5	0
9/16/2025	5-10	Not Available
9/16/2025	10-15	0.4
9/16/2025	15-20	0.6
9/16/2025	20-22	1.4
9/16/2025	23-25	2.2
9/16/2025	25-27	2.2
9/16/2025	28-30	3.4
9/16/2025	30-32	1294
9/16/2025	32-24	2137
9/16/2025	36-38	156.8
9/16/2025	38-40	381.5
9/16/2025	40-45	27.2
9/16/2025	45-47	136.8
9/16/2025	48-50	1659
9/16/2025	50-52	9.8
9/16/2025	53-55	11.5
9/16/2025	55-58	3.5
9/16/2025	58-60	8.9
9/16/2025	60-63	133.3
9/16/2025	63-65	10.4
9/16/2025	65-67	4.4
9/16/2025	67-70	4.3
9/16/2025	70-73	3.8
9/16/2025	73-75	1.3
9/16/2025	75-77	23.5
9/16/2025	78-80	112.9

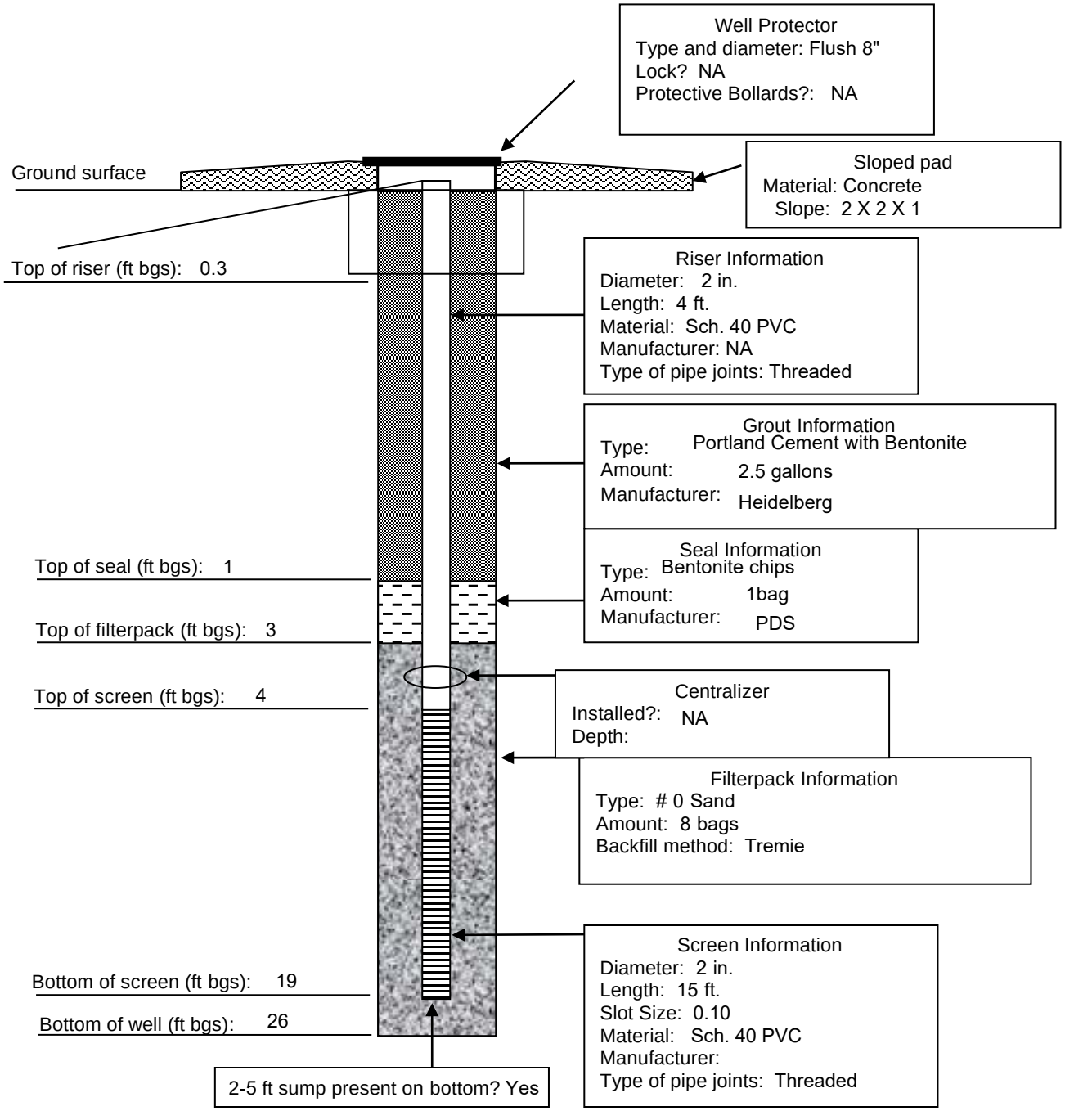
Appendix F
Well Construction Logs

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RECORD OF MONITORING WELL CONSTRUCTION

(FLUSH MOUNT)

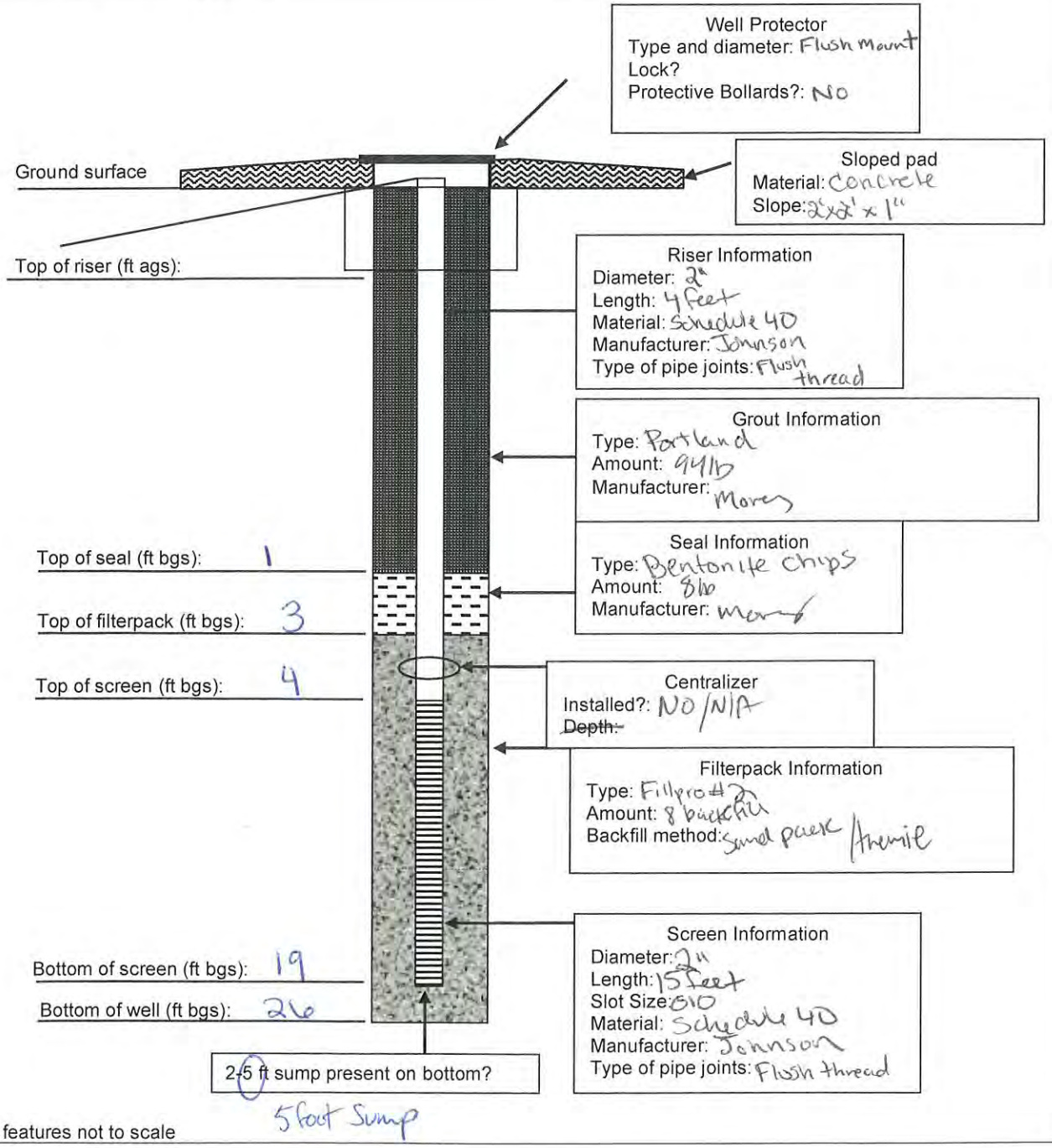
	Monitoring Well/Soil Boring ID No.: MW-PR-03
Project Name/ Project No.: NYSDEC Citi/Pratt	Date Installed: 10/01/25 Time Finished: 1600
Location: SB-PR-03	Depth to Water: 4 ft. bgs
Site Geologist: K. Smerud	Drilling Method: RotoSonic
Borehole Diameter: 6 in.	Outer Casing?: NA



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

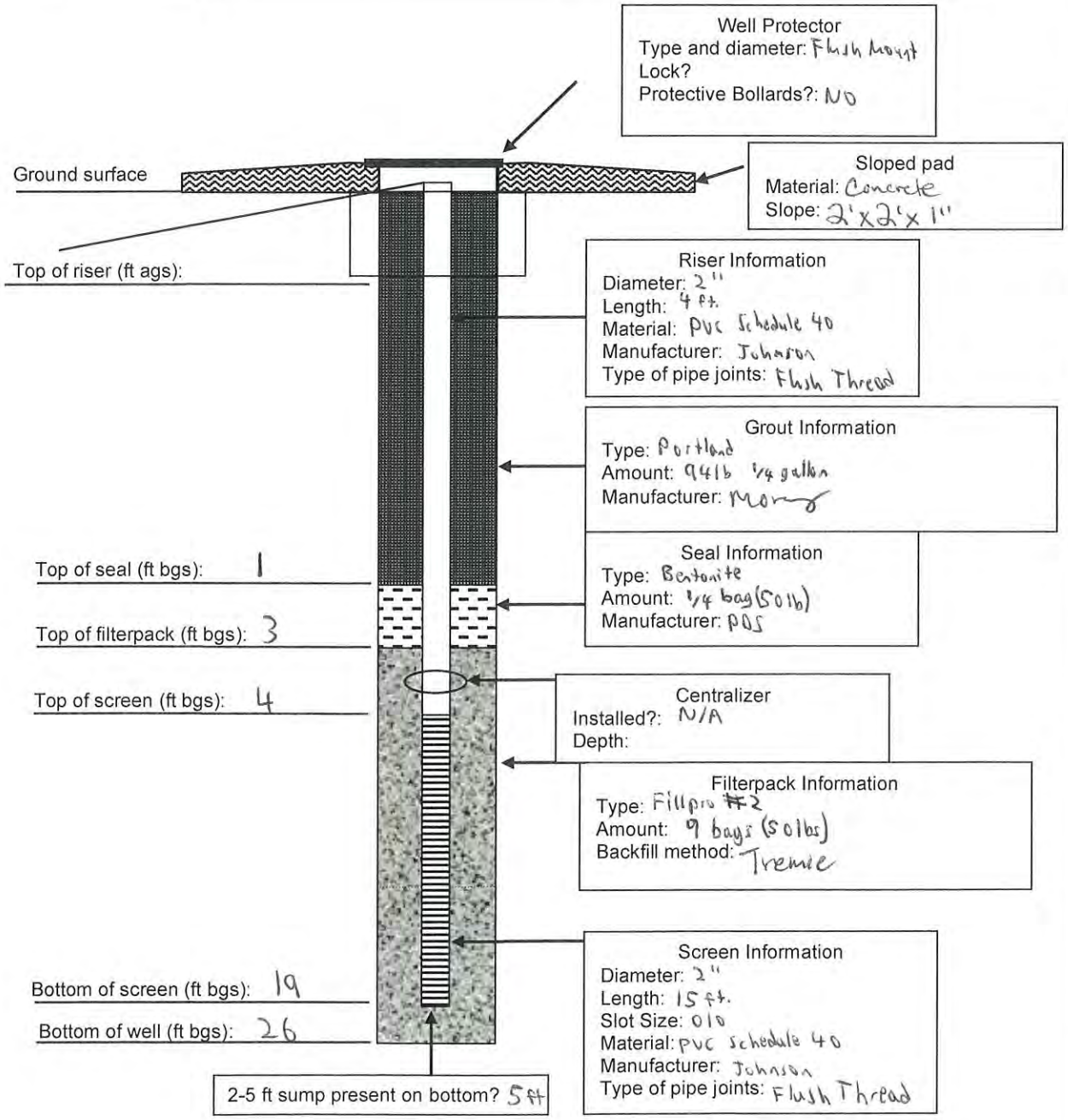
	Monitoring Well/Soil Boring ID No.: SB-PR-3 Permit No.:
Project Name/ Project No.: NYDEC Citi / Pratt	Date Installed: 9/11/25 Time Finished:
Location: SB-PR-3	Depth to Water: 5.3' bgs
Site Geologist: K. Cameron	Drilling Method: Sonic
Borehole Diameter: 6 inch	Outer Casing?: 6" casing



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

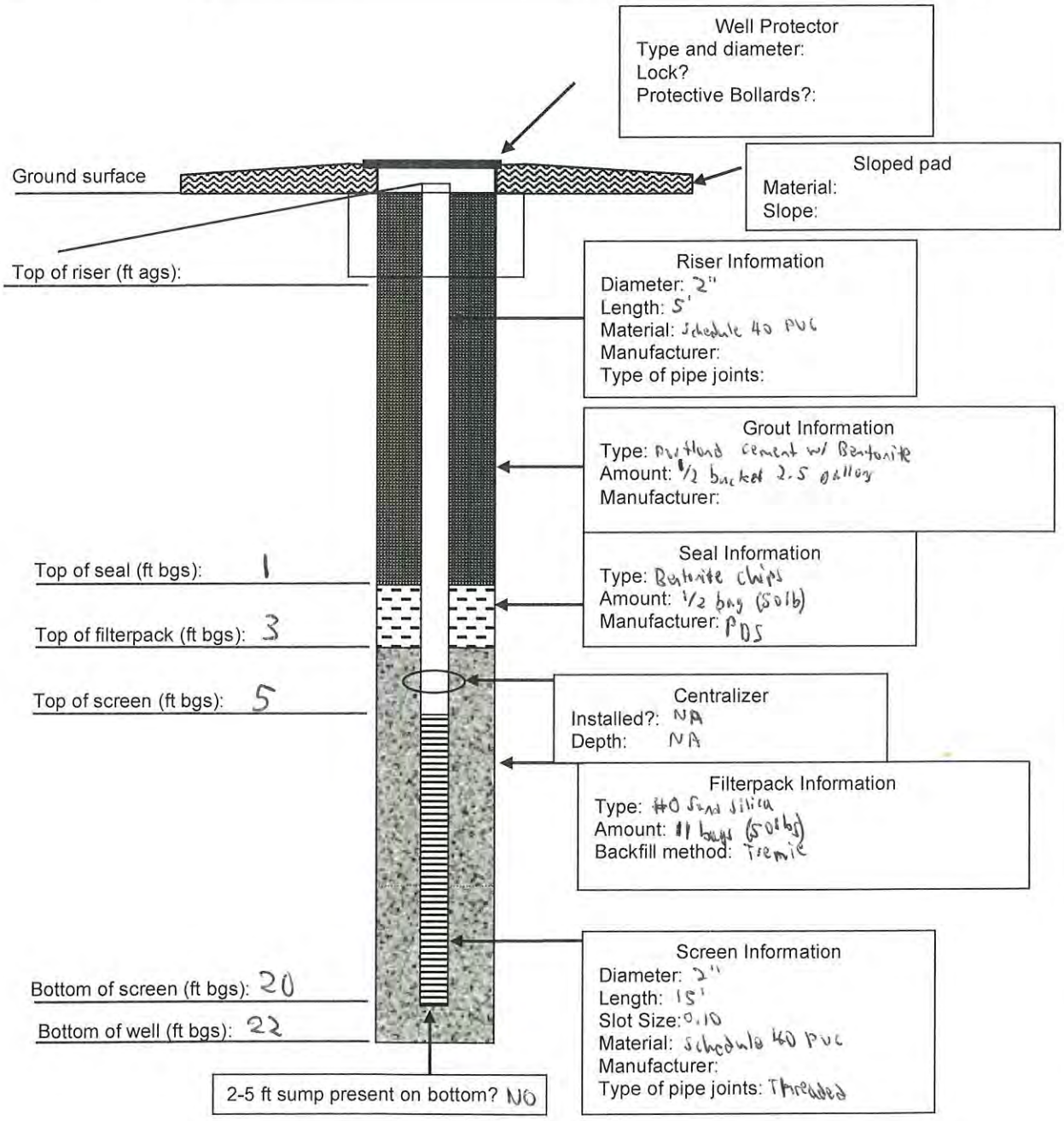
	Monitoring Well/Soil Boring ID No.: Permit No.: SB-PR-5
Project Name/ Project No.: N	Date Installed: 9/12/25 Time Finished:
Location: SB-PR-5	Depth to Water: 4.9
Site Geologist: K. Smernd	Drilling Method: Roto Sonic
Borehole Diameter: 6 in.	Outer Casing?: N/A



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

	Monitoring Well/Soil Boring ID No.: SB-CT-01 Permit No.:
Project Name/ Project No.:	Date Installed: Time Finished:
Location: SB-CT-01	Depth to Water: 9 ft. bgs
Site Geologist: K. Smeraud	Drilling Method: Roto Sonic
Borehole Diameter: 6in	Outer Casing?: NO

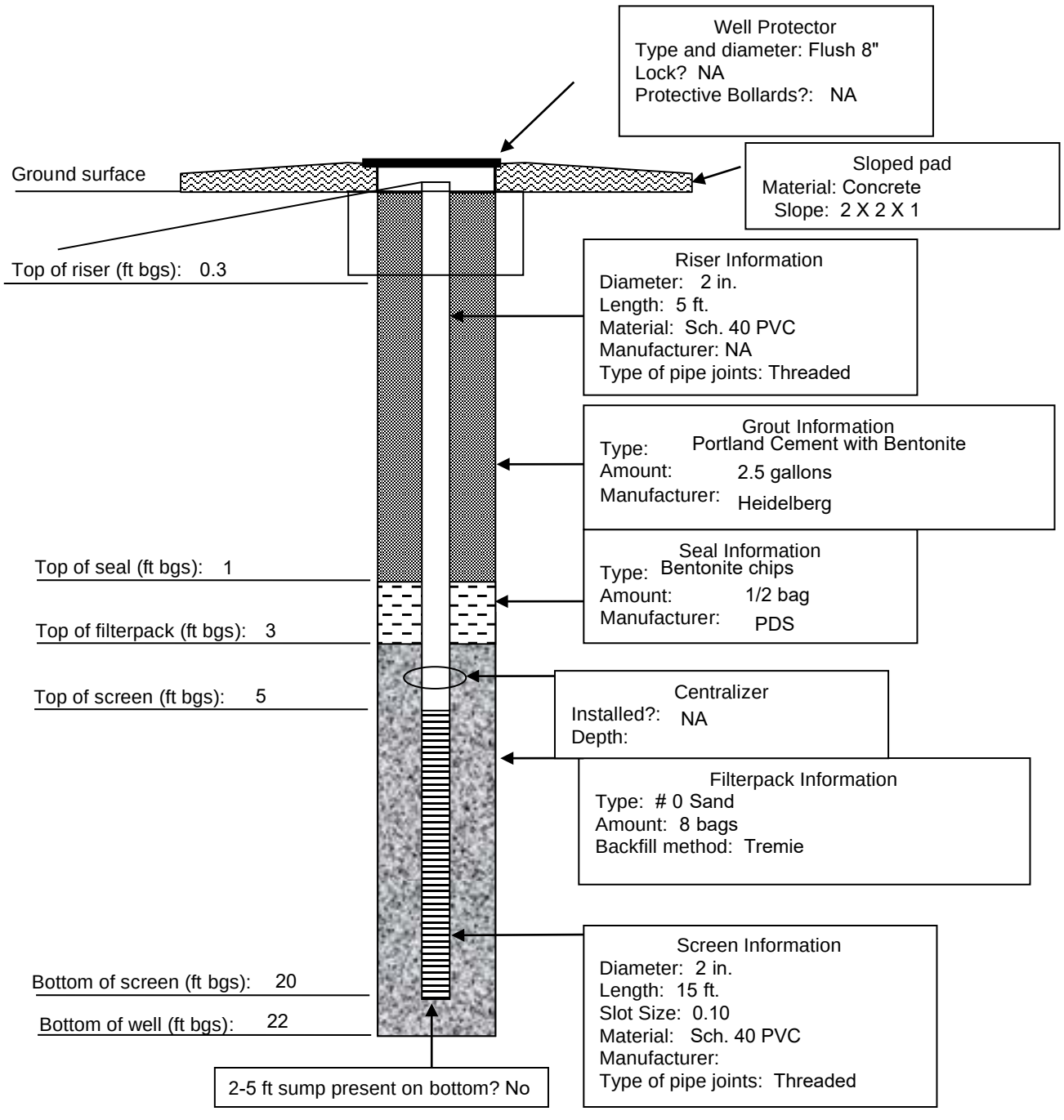


Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION

(FLUSH MOUNT)

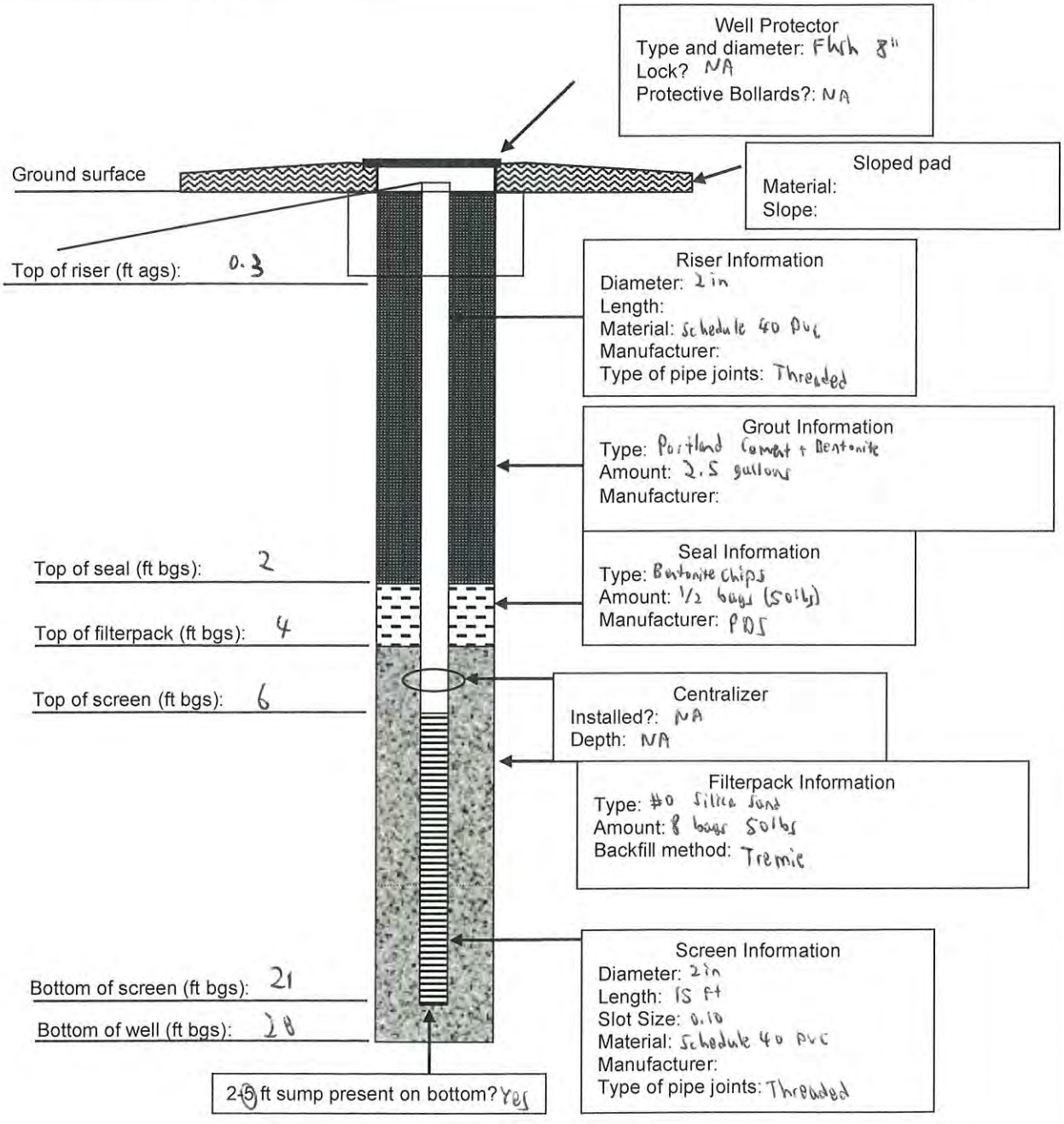
	Monitoring Well/Soil Boring ID No.: MW-CT-02
Project Name/ Project No.: NYSDEC Citi/Pratt	Date Installed: 9/22/25 Time Finished: 1400
Location: SB-CT-02	Depth to Water: 8 ft. bgs
Site Geologist: K. Cameron	Drilling Method: RotoSonic
Borehole Diameter: 6 in.	Outer Casing?: NA



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

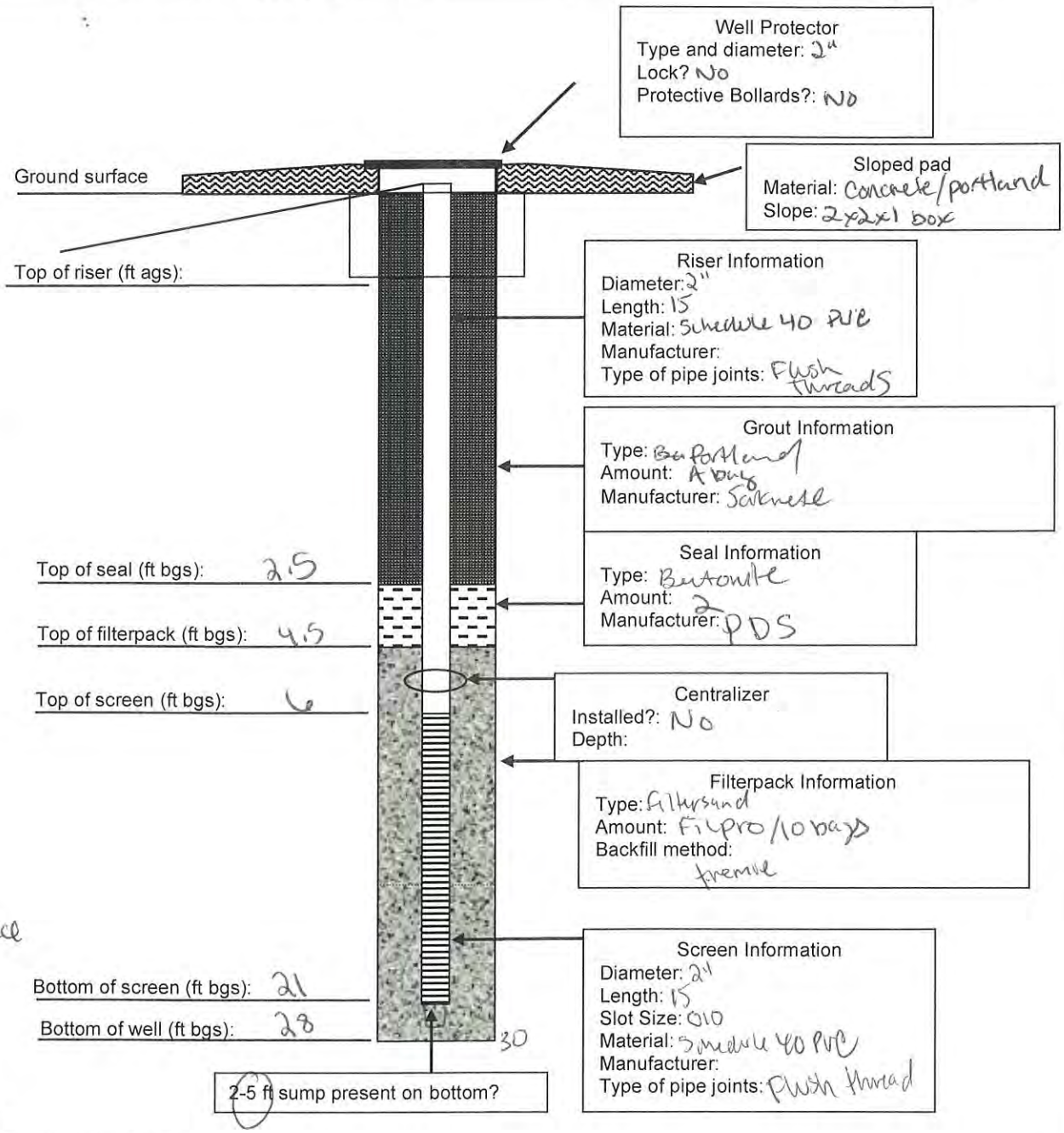
	Monitoring Well/Soil Boring ID No.: MW-CT-03 Permit No.:
Project Name/ Project No.: NYSDEC Citi/Prah	Date Installed: 9/23/25 1500 Time Finished: 9/25/25 810
Location: SB-CT-03	Depth to Water: ~10 ft bgs
Site Geologist: K. Smolcic	Drilling Method: Roto Sonic
Borehole Diameter: 6 in	Outer Casing?: NA



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

	Monitoring Well/Soil Boring ID No.: SB-CT-04 Permit No.:
Project Name/ Project No.: NYDEC Citi Storage / Pratt	Date Installed: 09/19/25 Time Finished: 9/19/25
Location: SB-CT-04	Depth to Water: 8' bgs @mid tide
Site Geologist: K. Cameron	Drilling Method: Sonic
Borehole Diameter: 6" casing, 2" well	Outer Casing?: 6" casing

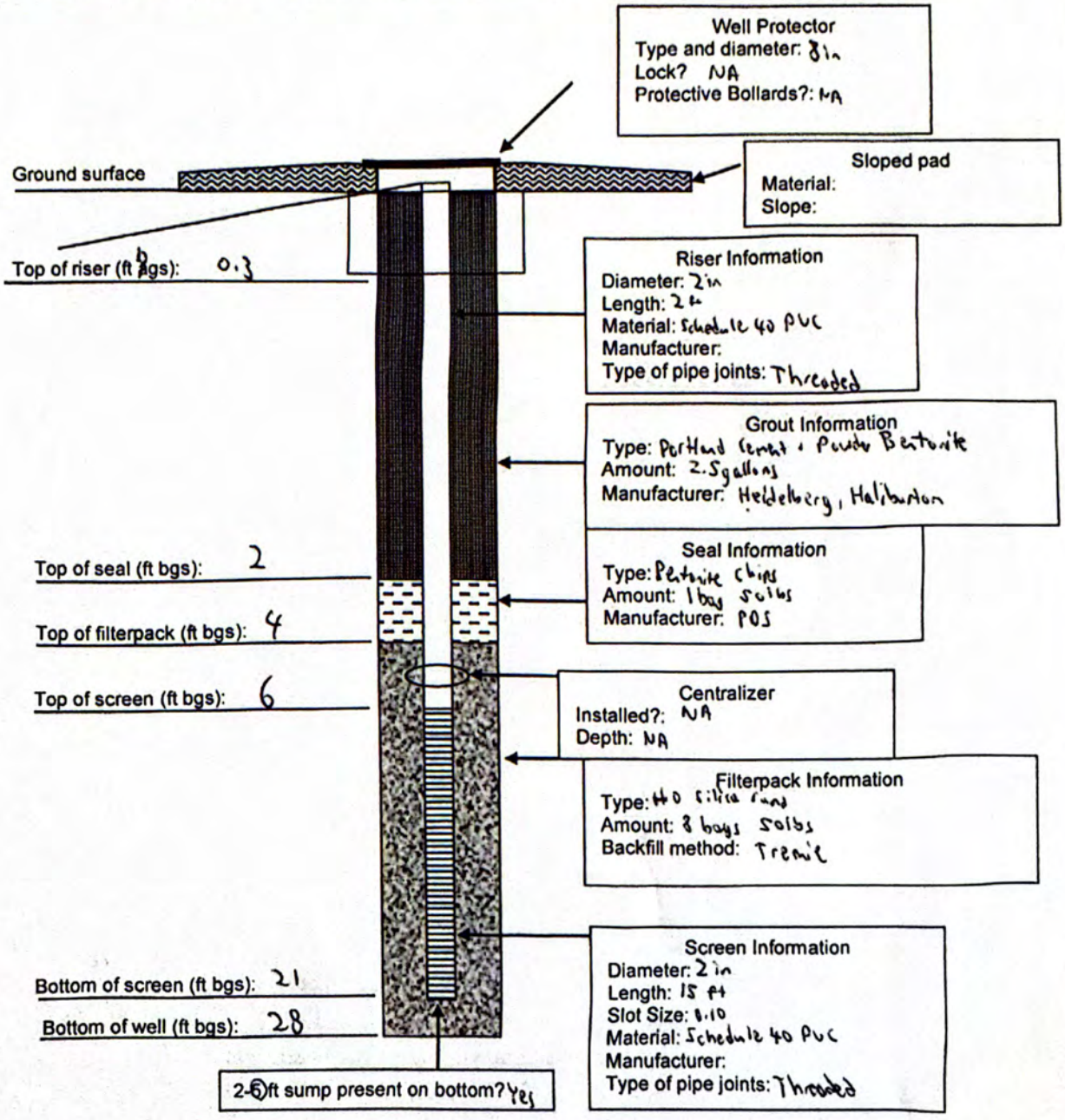


Grout: Surface
Seal: 3
Filter: 5
TOS: 6
PTS: 21
DTB: 24

Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

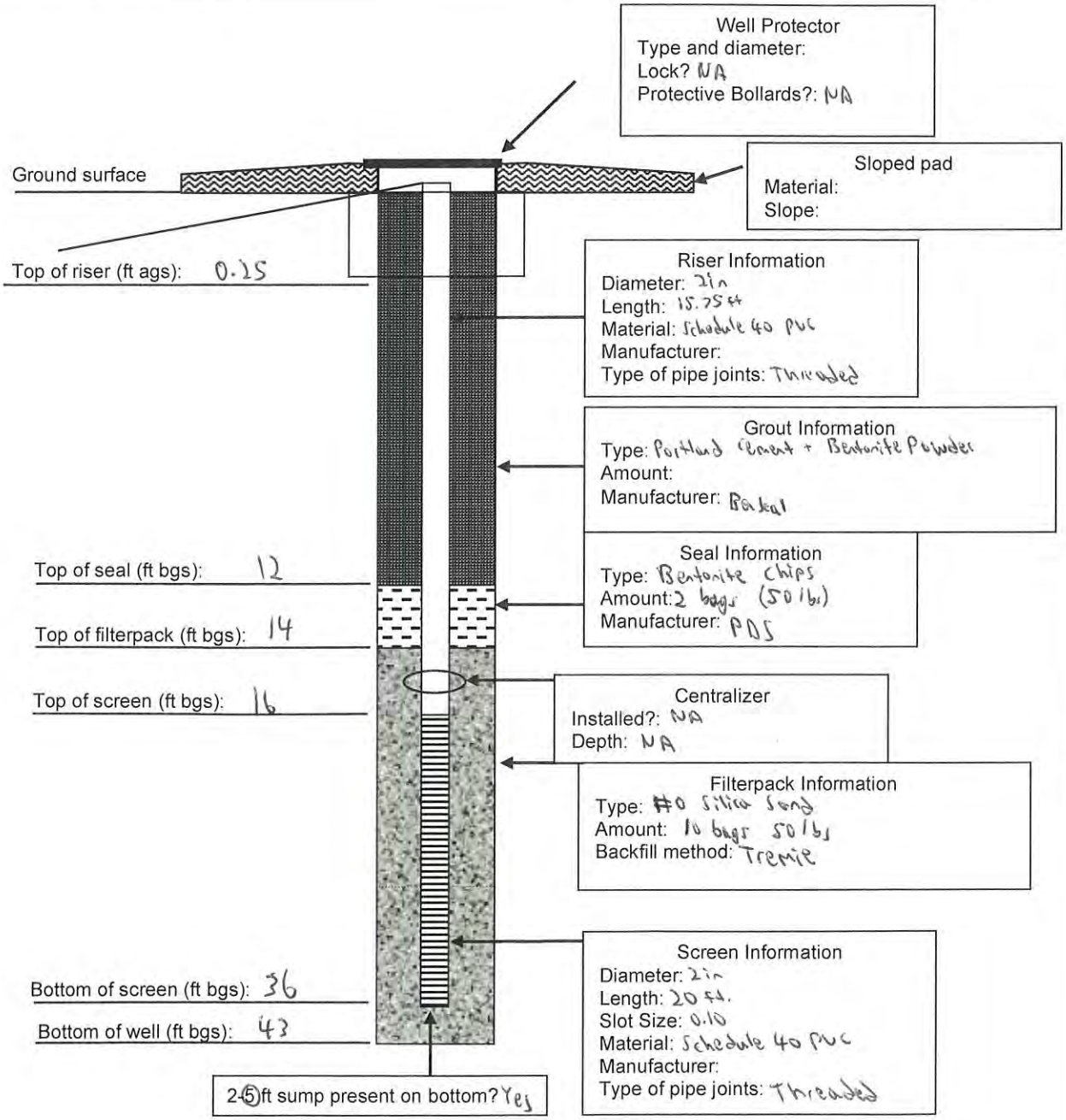
EA	Monitoring Well/Soil Boring ID No.: MW-CT-05 Permit No.:
Project Name/ Project No.: NYSDEC Citi/ProH	Date Installed: 9/29/25 Time Finished: 1320
Location: Citi,	Depth to Water: 10
Site Geologist: K. Smeland	Drilling Method: Rotosonic
Borehole Diameter: 6	Outer Casing?: NA



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

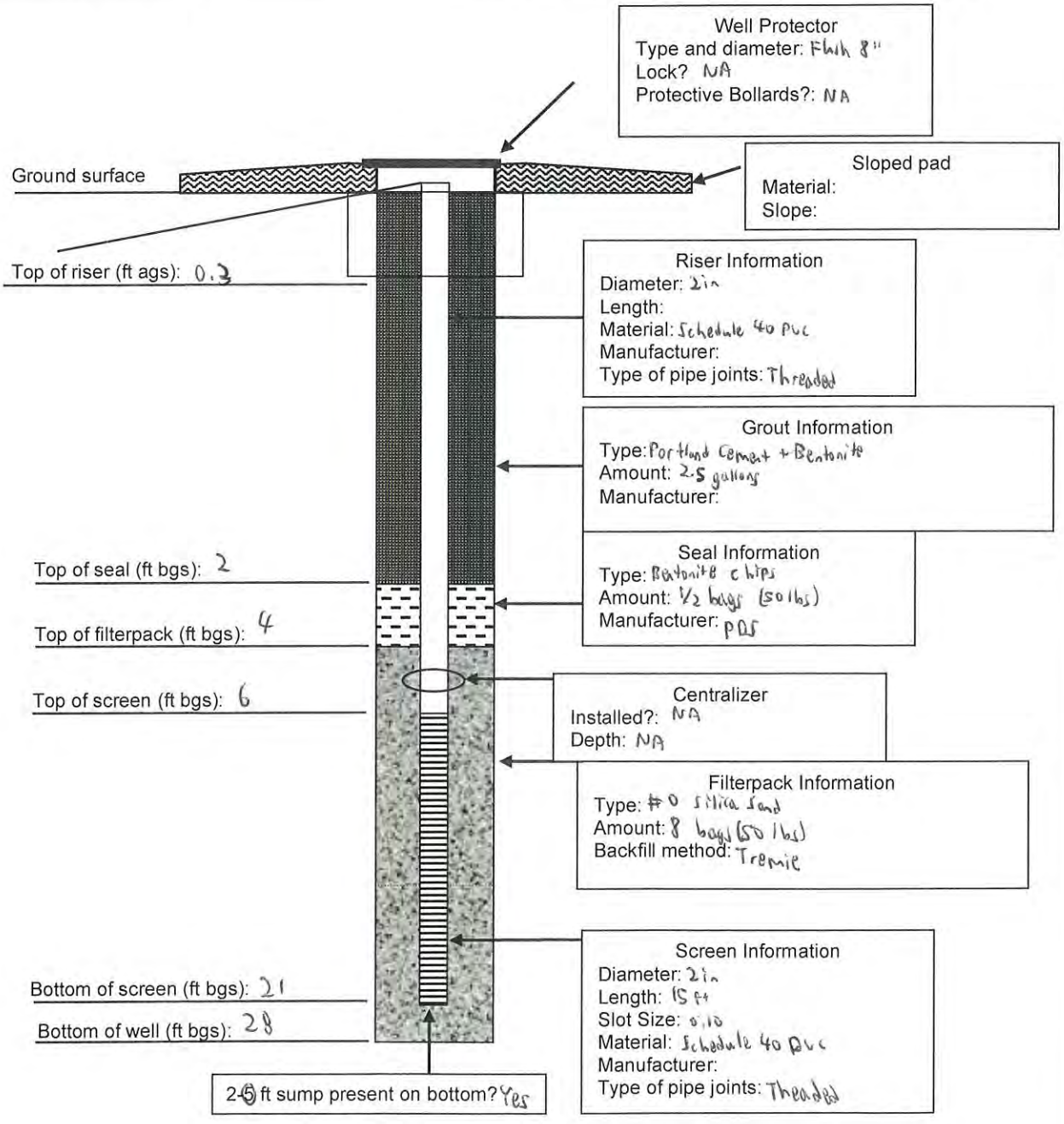
	Monitoring Well/Soil Boring ID No.: MW-CT-06 Permit No.:
Project Name/ Project No.: NYSDEC Cit./ PraH	Date Installed: 9/26/25 Time Finished:
Location: SB-CT-06	Depth to Water: ~11 ft. bgs
Site Geologist: K. Smerud	Drilling Method: Roto Sonic
Borehole Diameter: 6in	Outer Casing?: NA



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

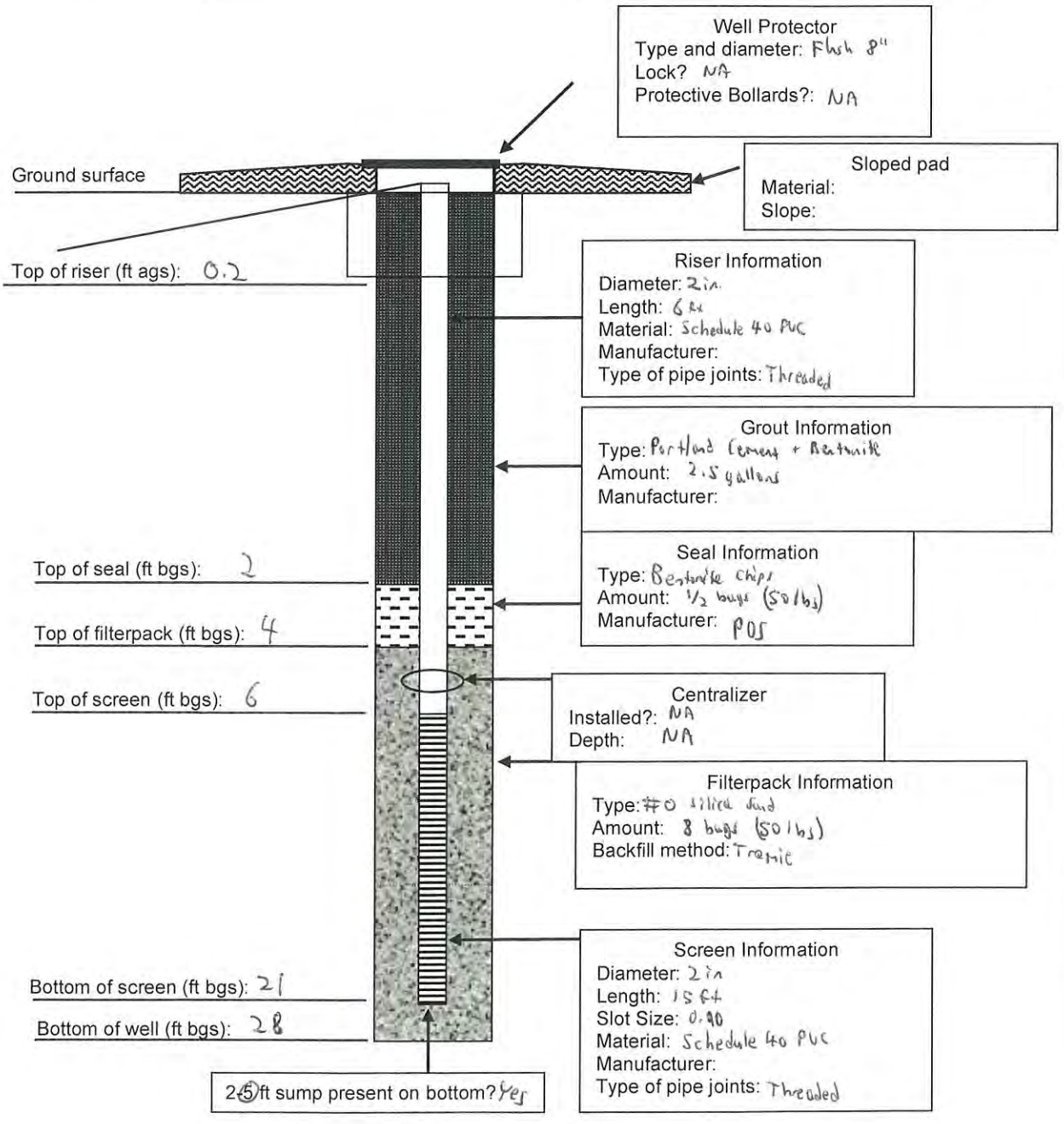
	Monitoring Well/Soil Boring ID No.: MW-CT-07 Permit No.:
Project Name/ Project No.: NYSDEC Citi/Pratt	Date Installed: 9/23/25 725 Time Finished: 9/23/25 1600
Location: SB-CT-07	Depth to Water: ~ 10ft bgs
Site Geologist: K. Smerud	Drilling Method: Rotosonic
Borehole Diameter: 6in	Outer Casing?: NA



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

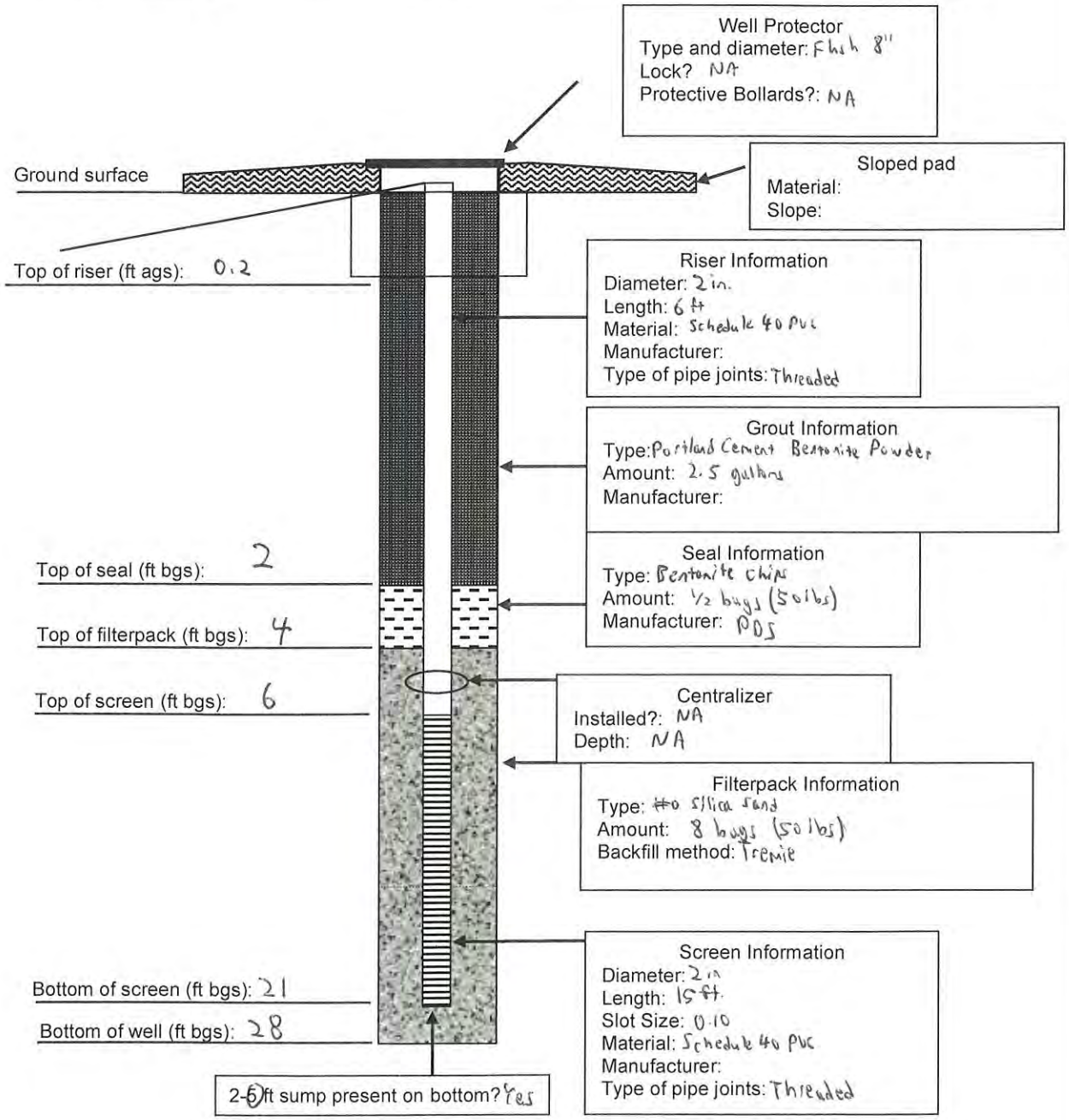
	Monitoring Well/Soil Boring ID No.: SB-CT-08 Permit No.:
Project Name/ Project No.: NYSDEC Citi/PrAH	Date Installed: 9/24/25 806 Time Finished: 9/25/25 810
Location: SB-CT-08	Depth to Water: ~10 ft bgs
Site Geologist: K. Smerud	Drilling Method: Roto Sonic
Borehole Diameter: 6 in	Outer Casing?: N/A



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

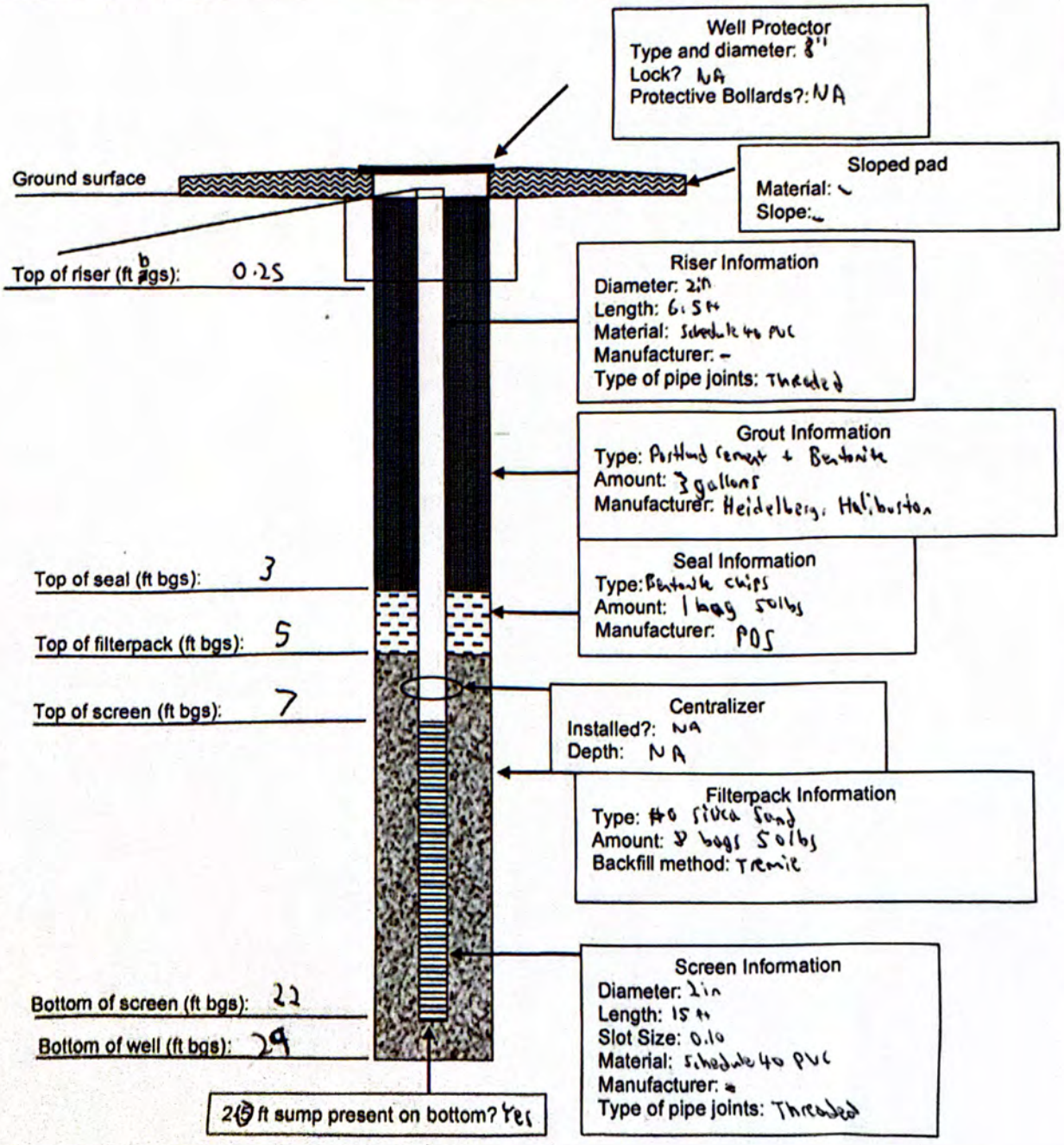
	Monitoring Well/Soil Boring ID No.: SB-CT-09 Permit No.:
Project Name/ Project No.: NYSDEC Citi/Path	Date Installed: 9/24/25 Time Finished: 9/25/25 810
Location: SB-CT-09	Depth to Water: ~10 ft. bgs
Site Geologist: K. Smerud	Drilling Method: Roto Sonic
Borehole Diameter: 6 in	Outer Casing?: N/A



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

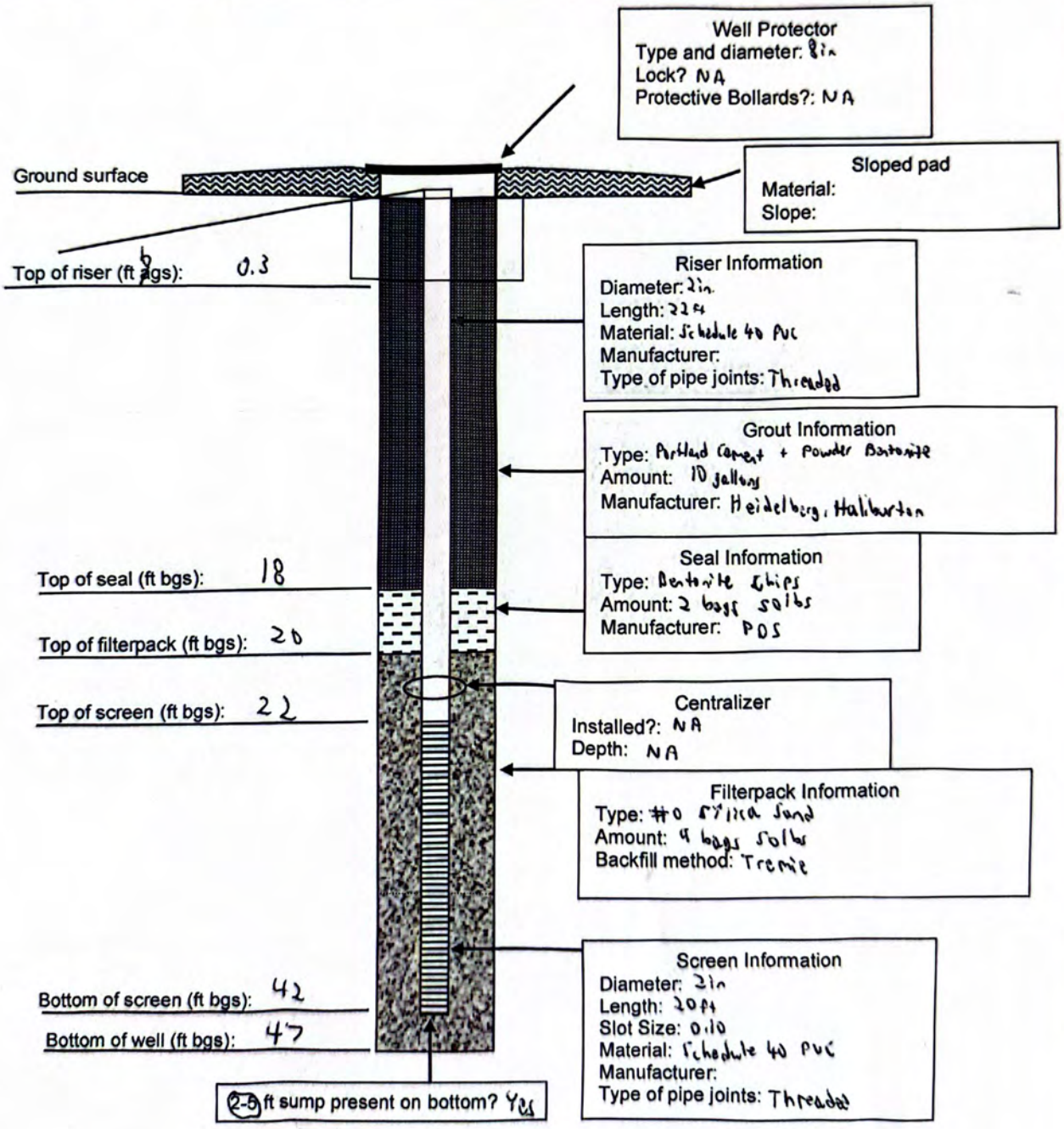
	Monitoring Well/Soil Boring ID No.: MW-CT-10 Permit No.:
Project Name/ Project No.: NYSDEC Pratt/Citi	Date Installed: 9/29/25 840 Time Finished: 9/29/25 950
Location: Citi	Depth to Water: 11 ft. bgs
Site Geologist: K. Smeed	Drilling Method: Roto Sonic
Borehole Diameter: 6	Outer Casing?: NA



Note: All features not to scale

RECORD OF MONITORING WELL CONSTRUCTION
(FLUSH MOUNT)

EA	Monitoring Well/Soil Boring ID No.: MW-CT-11 Permit No.:
Project Name/ Project No.: NYSDEC Citi/Pratt	Date Installed: 9/29/25 Time Finished: 1025
Location: Citi	Depth to Water: 4
Site Geologist: K. Smerud	Drilling Method: Rotosonic
Borehole Diameter: 6in	Outer Casing?: NA



Note: All features not to scale

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-PR-03	EA Personnel: C. Young / K. Smucker	Client: NYSDEC
Location: Prall 3	Well Condition: Good	Weather: cloudy, rainy
Sounding Method: WL meter	Gauge Date: 9/17/2025 Gauge Time: 1645	Measurement Ref: TOC
Stick Up/Down (ft): Flush, 0.25' bgs	PID Headspace Reading: 20.7 ppm	Well Diameter (in): 2

Purge Date: 9/17/2025	Purge Time: ~~1700~~ KS 1650
Purge Method: Pump and surge	Field Technician: C. Young / K. Smucker

Well Volume

A. Well Depth (ft): 19.0 ~~19.0~~ KS 7.35	D. Well Volume (ft): ~~2.5~~	Depth/Height of Top of PVC: 0.25
B. Depth to Water (ft): 3.2	E. Well Volume (gal) C*D): ~~2.38~~ 23	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): ~~14.8~~ 14.8	F. Three Well Volumes (gal) (E3): ~~69~~ 69	Pump Intake Depth: 6

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
1650		Well purged Dry		at 1653				8.0		
1658	9.41	1.54	>1000	0.58	21.36	-195	7.50	8.0	4.0	Dry
1714	7.79	1.77	>1000	1.30	21.28	-149	7.50	8.0	5.0	Dry

Total Quantity of Water Removed (gal): 1.5 Personnel: KS, CY

COMMENTS AND OBSERVATIONS: ~~RTD 2024~~ Rock silt-Grout encountered @ 7.35 ft
Strong Naphthalene like odor, slight sheen. Unable to Develop due to Damaged well, New well will be installed

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG 1 of 2

Well I.D.: MW-PR-3	EA Personnel: L. Councell / S. Arnold	Client: NYSDEC
Location: PraM	Well Condition: New	Weather: Sunny / 75°F
Sounding Method: Heron WLM	Gauge Date: 6 OCT 25 Gauge Time: 0830	Measurement Ref: TOC
Stick Up/Down (ft): Flush (TOC -0.5' bgs)	PID Headspace Reading: 64.8	Well Diameter (in): 2"

Purge Date: 6 OCT 25	Purge Time: ~~4.0 hrs~~ kw 845
Purge Method: Surge, Pump	Field Technician: L. Councell / S. Arnold

Well Volume

A. Well Depth (ft): 22.74 bgs	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: -0.5'
B. Depth to Water (ft): 4.12	E. Well Volume (gal) C*D: 3.03	Pump Type: MONSOON
C. Liquid Depth (ft) (A-B): 18.62	F. Three Well Volumes (gal) (E3): 3x = 9.10 5x = 15.15	Pump Intake Depth: 20' bgs

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0845	6.48	4.01	>1000	12.18	16.24	-152	5.68	7.5	X 0
1c 0920	5.85	6.26	324	2.08	18.25	-140	12.74	0.5	37.5
0925 ~~0855~~	5.83	6.28	273	1.06	17.49	-147	12.81	0.5	
0930 0900	5.82	6.31	315	1.02	17.31	-148	12.80	0.5	
0935 ~~0905~~	5.82	6.32	234	0.78	17.15	-150	13.22	0.5	
0940	5.84	6.28	248	0.74	17.30	-149	13.25	0.5	
0945	5.84	6.20	262	0.82	17.36	-149	13.54	0.5	
0950	5.99	5.36	812	1.69	17.49	-150	13.83	0.5	
0955	6.21	~~6.25~~ 5.40	792	1.93	17.46	-145	13.85	0.5	
1000	6.03	5.42	763	1.36	17.44	-150	13.85	0.5	
1005	6.00	5.45	831	1.37	17.32	-150	14.78	0.5	
1010	6.00	5.46	854	1.35	17.31	-150	14.80	0.5	
1015	6.00	5.47	875	1.36	17.36	-149	15.09	0.5	
1020	6.00	5.50	801	1.34	17.39	-149	15.37	0.5	
1025	6.01	5.54	776	1.36	17.38	-149	15.40	0.5	
1030	6.06	6.06	525	1.63	17.36	-150	15.09	0.5	

Total Quantity of Water Removed (gal): 32 gal Personnel: L. Councell / S. Arnold

COMMENTS AND OBSERVATIONS: *well headspace in vault >225 ppm. well dry after ~10 L, letting recharge, switched to peri pump. cleaned sediment from Horiba @ 0945

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG 2 of 2

Well I.D.: MW-PR-3	EA Personnel: L. Councell / S. Arnold	Client: NYSDEC
Location: Path	Well Condition: New	Weather: Sunny / 75°
Sounding Method: Heron WLM	Gauge Date: 6 OCT 25 Gauge Time: 0830	Measurement Ref: TOC
Stick Up/Down (ft): Flush (TOC - 0.5' bgs	PID Headspace Reading: 64.8	Well Diameter (in): 2

Purge Date: 6 OCT 25	Purge Time: 845
Purge Method: Surge, pump	Field Technician: L. Councell / S. Arnold

Well Volume

A. Well Depth (ft): 22.74	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: ~0.5'
B. Depth to Water (ft): 4.12	E. Well Volume (gal) C*D): 3.03	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 18.62	F. Three Well Volumes (gal) (E3): 3x = 9.10 5x = 15.15	Pump Intake Depth: 20' bgs

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1035	6.00	4.80	21000	2.65	17.07	-127	15.66	0.5	
1040	5.95	5.61	840	1.92	16.96	-144	15.68	0.5	
1045	6.01	5.42	462	1.83	16.90	-142	15.72	0.5	
1050	6.02	5.51	609	1.77	17.37	-147	16.51	0.5	
1135	6.49	6.36	276	5.12	16.17	-166	8.5	7.5	*
1210	6.62	6.21	810	12.03	16.50	-166	7.4	7.5	*
1245	6.66	6.07	643	18.21	16.79	-167	7.5	7.5	*

Total Quantity of Water Removed (gal): 32 * Personnel: L. Councell / S. Arnold

COMMENTS AND OBSERVATIONS: 1050 switched back to monsoon. letting recharge. 1135 recharged to 7.5' bgs. well surged & pumped to 18' bgs. allowed to recharge for ~30-40 minutes to ~90% water level

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-PR-05	EA Personnel: KS, CY	Client: NYSDEC
Location: PRATT 5	Well Condition: Good	Weather: Cloudy, rainy
Sounding Method: water level meter	Gauge Date: ~~1756~~ 9/17/25	Measurement Ref: TOC
	Gauge Time: 1756	
Stick Up/Down (ft): Flush mount	PID Headspace Reading: 18.7	Well Diameter (in): 2

Purge Date: 9/17/25	Purge Time: 1810
Purge Method: Pump and Surge	Field Technician: CY, KS

Well Volume

A. Well Depth (ft): 22.18	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 0.25' bgs
B. Depth to Water (ft): 3.26	E. Well Volume (gal) C*D): 10.5	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 18.92	F. Three Well Volumes (gal) (E3): 32	Pump Intake Depth: 11' bgs

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1811	6.73	34.1	>1000	7.36	18.52	-252	3.15	12.0	0
1816	7.20	38.3	>1000	2.77	20.05	-270	3.15	12.0	60
1821	7.56	38.6	>1000	1.77	20.44	-282	3.10	12.0	120
1826	7.66	38.9	149	2.07	20.67	-276	3.10	12.0	240
1829	Stop	Purging							
1837	7.81	38.9	105	2.18	20.56	-282	3.0	8	240
1840	7.73	39.0	49	2.43	20.72	-286	3.0	8	264
1843	7.71	39	36.8	3.13	20.78	-283	3.0	8	288
1846	7.70	32.1	29.8	3.14	20.81	-284	3.0	8	312

Total Quantity of Water Removed (gal): 82 Personnel: CY, KS

COMMENTS AND OBSERVATIONS: Sulfur ("rotten eggs") odor

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: SB-CT-01	EA Personnel: CY / KJ	Client: NYSDEC
Location: ~~Sheet~~ Central Citistorage	Well Condition: Good	Weather: 65F, Cloudy
Sounding Method: Probe	Gauge Date: 9/24/25 Gauge Time: 0825	Measurement Ref: TOC
Stick Up/Down (ft): — Flush	PID Headspace Reading: 351.1 ppm	Well Diameter (in): 2in

Purge Date: 9/24/25	Purge Time: 0830
Purge Method: Surge ~~Bailer~~ Pump	Field Technician: CY / KJ

Well Volume

A. Well Depth (ft): 20.21 Ft ~~BG~~	D. Well Volume (ft): 0.105	Depth/Height of Top of PVC: 0.25 ft above ~~20.21~~ CT
B. Depth to Water (ft): 10.14	E. Well Volume (gal) C*D: ~~3oz~~ 1.65 ~~Gal~~ 5 liters	Pump Type: Monsoon Pump
C. Liquid Depth (ft) (A-B): 10.07	F. Three Well Volumes (gal) (E3): 16.87	Pump Intake Depth: ~~Surface to 4ft~~ KJ 15 Ft

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)	
0830	6.43	1.54	>1000	0.92	20.41	-172	10.3	8	~~0~~	
0835	7.23	1.42	>1000	1.40	19.70	-186	10.4	8	~~50~~ 70	8
0840	7.37	1.37	>1000	1.50	19.14	-187	10.4	8	90	50
0845	7.40	1.41	>1000	2.24	18.77	-188	10.48	8	130	90
0850	7.41	1.44	275	6.92	18.66	-194	10.48	8	170	130
0855	7.38	1.45	110	2.44	1845	-198	10.48	8	210	170
0900	7.42	1.47	47	2.07	1830	-200	10.50	8	250	210
0903	7.38	1.47	25.6	2.91	1815	-205	10.51	8	290	250
0906	7.41	1.48	25.9	2.60	1819	-205	10.41	8	330	290

Total Quantity of Water Removed (gal): ~~80~~ 66 Personnel: CY

COMMENTS AND OBSERVATIONS: 50 gal of lost H_2O while drilling

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-CT-02	EA Personnel: A. Faux	Client: NYSDEC
Location: C.T. Storage	Well Condition: Good	Weather: 66°F overcast
Sounding Method: Heron	Gauge Date: 9/30/25 Gauge Time: 0840	Measurement Ref: TOIC
Stick Up/Down (ft): flush	PID Headspace Reading: 0.4	Well Diameter (in): 2"

Purge Date: 9/30/25	Purge Time: 0850
Purge Method: Monsoon	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 20.24	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 0.25 ft bgs
B. Depth to Water (ft): 5.57	E. Well Volume (gal) C*D: 2.39	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 14.64	F. Three Well Volumes (gal) (E3): 7.17	Pump Intake Depth: 14.00

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0850	7.09	0.909	>1000.	8.39	12.19	-217	5.57	8	0
0855	7.17	1.07	518	6.33	17.50	-190	5.58	8	40
0900	7.09	1.08	44.7	5.29	17.43	-198	5.58	8	80
0905	7.07	1.11	0.0	4.49	17.38	-209	5.59	8	120
0910	7.07	1.12	0.0	3.94	17.31	-216	5.72	8	160
0915	7.06	1.14	0.0	3.20	17.30	-225	5.73	8	200
0920	7.06	1.14	0.0	2.83	17.25	-230	6.52	8	240
0925	7.05	1.14	0.0	2.46	17.32	-235	6.55	8	280
0930	7.06	1.14	0.0	2.27	17.32	-238	10.02	8	320
0935	7.05	1.11	0.0	2.03	17.45	-237	10.02	8	360
0940	7.07	1.10	0.0	1.89	17.46	-238	10.03	8	400
0945	7.07	1.11	0.0	1.82	17.40	-242	10.03	8	440
0950	7.06	1.13	0.0	1.64	17.37	-247	10.03	8	480
0955	7.06	1.13	0.0	1.53	17.34	-250	10.03	8	520
1000	7.06	1.13	0.0	1.43	17.35	-252	10.03	8	560
1005	7.06	1.13	0.0	1.33	17.37	-255	10.03	8	600

Total Quantity of Water Removed (gal): 160 Personnel: A. Faux

COMMENTS AND OBSERVATIONS:

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: SB-CT-03 (MW-CT-03)	EA Personnel: K. Cameron / S. Arnold	Client: NYSDEC
Location: Citi Storage	Well Condition: Good	Weather: Sunny / 83 degrees
Sounding Method: WLM	Gauge Date: 9/27/25 Gauge Time: 1200	Measurement Ref: H.OIC / Heron WLM
Stick Up/Down (ft): -.5 bgs'	PID Headspace Reading: 54.6	Well Diameter (in): 2"

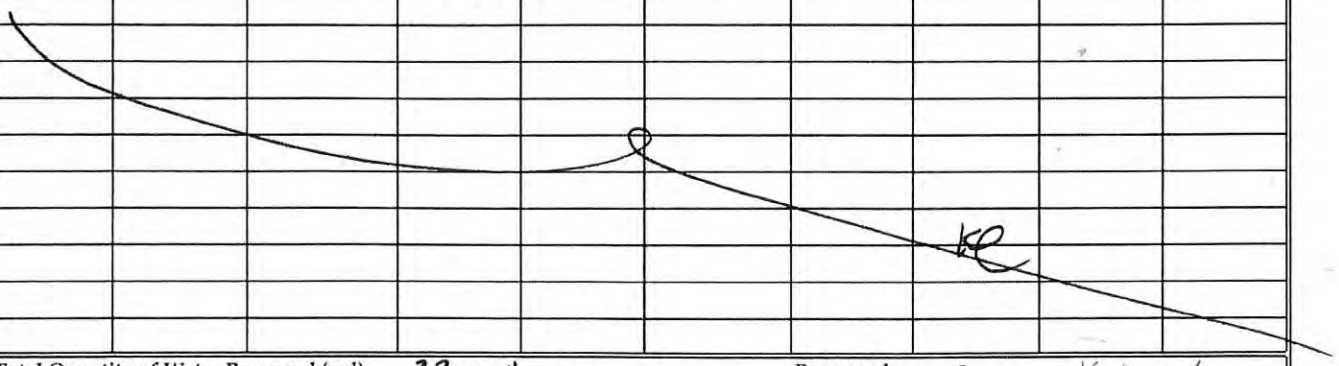
Purge Date: 9/27/25	Purge Time: 1200 -
Purge Method: Monsoon	Field Technician: K. Cameron / S. Arnold

Well Volume

A. Well Depth (ft): 26.19 ft	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: Schedule 40 PVC - 5' bgs
B. Depth to Water (ft): 9.64 ft	E. Well Volume (gal) C*D): 2.70	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 16.55	F. Three Well Volumes (gal) (E3): 3 = 8.1 5 = 13.5 gal	Pump Intake Depth: 17' bgs

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1205	6.66	2.04	784	10.13	17.02	-67	9.71	6	6
1210	6.92	2.08	149	.58	16.95	-177	9.71	6	12
1215	6.98	2.09	28.5	0.41	16.94	-180	9.71	6	18
1220	6.99	2.09	0.0	0.35	16.93	-181	9.71	7	25
1225	7.00	2.09	0.0	.33	16.92	-182	9.71	7	33
			Stabilized						



Total Quantity of Water Removed (gal): 33-gallons Personnel: K. Cameron / S. Arnold

COMMENTS AND OBSERVATIONS:

30ft casing ~~6" - 0.653 x 16.55 = 24.66 X .30 = 7.39 + 13.5 gal =~~

6" annular = 4" annular (2" accounted for) = 0.653 x 16.55 = 10.81 = 3.24 + 13.5 = 16.75 gallons total

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: CT-04	EA Personnel: S. Arnold	Client: NYSDEC
Location: Cit Storage	Well Condition: Good	Weather: 65°F, cloudy,
Sounding Method: Probe	Gauge Date: 9/24/25	Measurement Ref: TOC
	Gauge Time: 1000	
Stick Up/Down (ft): Down 0.3 Ft	PID Headspace Reading: 68.7 ppm	Well Diameter (in): 2 in

Purge Date: 9/24/25	Purge Time: 1023
Purge Method: Surge + Pump	Field Technician: S. Arnold

30% annular pack Well Volume

A. Well Depth (ft): 25.35	D. Well Volume (ft): 0.163 gal/Ft ~~29 gal~~	Depth/Height of Top of PVC: 0.3 Ft deep
B. Depth to Water (ft): 7.12	E. Well Volume (gal) C*D: 30% 2.97 gal 8.04 gal	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 18.23	F. Three Well Volumes (gal) (E3): 8.91 gal / 24.12	Pump Intake Depth: Screen 6' - 21' Set @ 14.06 ft bgs

Water Quality Parameters

Time (hrs)	✓ pH (pH units)	✓ Conductivity (mS/cm)	Turbidity (ntu)	✓ DO (mg/L)	✓ Temperature (°C)	✓ ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume Gallons (Liters)	
1023	Start	Purge	~~6.93~~					1.5 ~~2.5~~ (6L)	~~7.5~~	
1028	7.94	0.798		10.01	20.91	-149		2.5	~~12.5~~	7.5
1033	7.64	0.799	245	9.83	19.44	-154		2.5	~~17.5~~ 15.0	15.0
1038	7.63	0.808	131	9.59	19.68	-152		2.5	37.5	22.5
1043	7.38	0.826	43.0	4.23	19.44	-162		2.5	52.0	30
1048	7.28	0.842	44.7	4.49	19.32	-163		2.5	37.5	
1053	7.24	0.854	25.7	8.34	19.04	-164		2.5	45	
1058	7.23	0.865	17.3	8.53	18.92	-162		2.5	52.5	
1103	7.31	0.873	20.5	8.30	19.08	-169		2.5	60	

Total Quantity of Water Removed (gal): 60 Personnel: S. Arnold

COMMENTS AND OBSERVATIONS:

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW - CT-05	EA Personnel: A. Faux	Client: NYSDEC
Location: C-1A Storage	Well Condition: Good	Weather: 53° F Sunny
Sounding Method: Hero	Gauge Date: 10/2/25 Gauge Time: 0750	Measurement Ref: TOIC
Stick Up/Down (ft): flush	PID Headspace Reading: 188.2	Well Diameter (in): 2in

Purge Date: 10/2/25	Purge Time: 0800
Purge Method: Monsoon	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 25.92	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 4in bgs
B. Depth to Water (ft): 7.62	E. Well Volume (gal) C*D): 2.98	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 18.3	F. Three Well Volumes (gal) (E3): 8.95	Pump Intake Depth: 18 ft

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0800	5.59	1.24	>1000	7.73	21.87	-175	7.62	8	0
0805	5.71	1.24	>1000	8.69	21.76	-192	9.63	8	40
0810	5.81	1.22	>1000	7.64	21.60	-163	9.77	8	80
0815	5.88	1.21	>1000	6.55	21.02	-145	9.79	8	120
0820	5.92	1.18	>1000	6.05	20.45	-138	9.80	8	160
0825	5.90	1.16	466	6.24	21.36	-120	9.80	8	200
0830	5.86	1.14	160	6.11	21.52	-114	9.80	8	240
0835	5.85	1.14	120	5.72	21.59	-112	9.80	8	280
0840	5.84	1.15	77.3	5.28	21.76	-116	9.80	8	320
0845	5.84	1.14	82.6	5.03	21.74	-110	9.80	8	360
0850	5.83	1.13	54.0	4.95	21.81	-110	9.80	8	400
0855	5.84	1.13	56.6	4.83	21.77	-110	9.80	8	440
0900	5.84	1.12	49.0	4.60	21.81	-110	9.80	8	480
0905	5.84	1.12	50.8	4.41	21.80	-110	9.80	8	520
0910	5.84	1.11	49.2	4.20	21.78	-109	9.81	8	560
0915	5.84	1.12	44.3	4.19	21.75	-109	9.81	8	600

Total Quantity of Water Removed (gal): 169.07 Personnel: A. Faux

COMMENTS AND OBSERVATIONS: N/A

2 of 2

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-CT-05	EA Personnel: A. Faux	Client: NYSDEC
Location: C&D storage	Well Condition: Good	Weather: 53° F Sunny
Sounding Method: Heron	Gauge Date: 10/2/25 Gauge Time: 0750	Measurement Ref: TOIC
Stick Up/Down (ft): flush	PID Headspace Reading: 188.2	Well Diameter (in): 2in

Purge Date: 10/2/25	Purge Time: 0800
Purge Method: Monsoon	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 25.92	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 4in bgs
B. Depth to Water (ft): 7.62	E. Well Volume (gal) C*D): 2.98	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 18.3	F. Three Well Volumes (gal) (E3): 8.95	Pump Intake Depth: 18 ft

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0920	5.34	1.13	40.5	4.17	21.79	-110	9.81	8	640

Total Quantity of Water Removed (gal): 169.07 Personnel: A. Faux

COMMENTS AND OBSERVATIONS: N/A

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-CT-06	EA Personnel: KS, AF	Client: NYSDEC
Location: Cit.	Well Condition: Good	Weather: Sunny 74°F
Sounding Method: Water Level Meter	Gauge Date: 9/30/25 Gauge Time: 1630	Measurement Ref: TOC
Stick Up/Down (ft): Flush	PID Headspace Reading: 39 ppm	Well Diameter (in): 2

Purge Date: 9/30/25	Purge Time: 1638
Purge Method: Surge and pump	Field Technician: KS, AF

Well Volume

A. Well Depth (ft): 37.90	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 0.25 ft. bgs
B. Depth to Water (ft): 10.79	E. Well Volume (gal) C*D): 4.42	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 27.11	F. Three Well Volumes (gal) (E3): 13.3	Pump Intake Depth: 27

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1638	7.83	4.05	71000	4.06	17.98	-227	11.24	8	-
1643	7.66	4.20	635	2.22	17.44	-221	11.00	8	60
		Trouble shoot Pump/battery							
1700	7.72	4.01	71000	12.62	18.43	-163	11.35	8	80
1705	7.58	4.05	192	7.10	17.52	-181	11.31	8	120
1710	7.49	3.96	70.8	6.73	17.45	-191	11.39	8	160
1713	7.46	3.91	33.3	4.58	17.38	-197	11.39	8	184
1716	7.44	3.90	19.9	4.35	17.35	-199	11.40	8	208
1719	7.44	3.89	18.7	4.21	17.35	-200	11.40	8	218

Total Quantity of Water Removed (gal): 57 Personnel: KS AF

COMMENTS AND OBSERVATIONS:

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-CT-07	EA Personnel: KS, AF	Client: NYSDEC
Location: Citi	Well Condition: Good	Weather: 72°F Partly Cloudy
Sounding Method: Water Level Meter	Gauge Date: 9/29/25	Measurement Ref: TOC
	Gauge Time: 1829	
Stick Up/Down (ft): Flush	PID Headspace Reading: 260.8 ppm	Well Diameter (in): 2

Purge Date: 9/29/25	Purge Time: 1823
Purge Method: Pump and Surge	Field Technician: AF

Well Volume

A. Well Depth (ft): 26.15	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 0.25 ft bgs
B. Depth to Water (ft): 10.12	E. Well Volume (gal) C*D: 2.61 + 6.19	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 16.03	F. Three Well Volumes (gal) (E3): 7.84 + 18.57	Pump Intake Depth: 17 ft bgs

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1823	7.03	2.09	>1000	8.04	19.09	-210	10.23	8	0
1828	6.77	2.11	>1000	5.26	18.52	-204	10.22	8	40
1833	6.63	2.21	204	3.90	18.43	-208	10.22	8	80
1836	6.61	2.21	48.4	3.51	18.42	-209	10.23	8	120
1839	6.60	2.24	14.2	3.18	18.41	-211	10.24	8	160
1842	6.59	2.29	0.4	2.98	18.39	-213	10.24	8	200

Total Quantity of Water Removed (gal): 52

Personnel: AF, KS

COMMENTS AND OBSERVATIONS: Strong Fuel-like odor

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-CT-09	EA Personnel: KJ, AF	Client: NYSDEC
Location: Citi	Well Condition: Good	Weather: Sunny 70°F
Sounding Method: Water Level Meter	Gauge Date: 9/29/25	Measurement Ref: TOC
	Gauge Time: 836	
Stick Up/Down (ft): Flush	PID Headspace Reading: 34.2 ppm	Well Diameter (in): 2

Purge Date: 9/29/25	Purge Time: 912
Purge Method: Pump	Field Technician: KJ AF

Well Volume

A. Well Depth (ft): 24.25	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 0.25 HBGS
B. Depth to Water (ft): 5.67	E. Well Volume (gal) C*D: 3.03	Pump Type: Masters Pump
C. Liquid Depth (ft) (A-B): 18.58	F. Three Well Volumes (gal) (E3): 9.10	Pump Intake Depth: 17.00

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0912	6.51	0.831	>1000	5.02	23.5	-165	6.20	8	0.0
0917	6.48	0.836	487	3.86	24.02	-168	6.35	8	40
0922	6.49	0.839	145	2.49	24.04	-176	6.51	8	80
0927	6.49	0.841	790	1.81	24.04	-182	6.40	8	120
0932	6.50	0.841	993	1.43	24.05	-185	6.38	8	160
0937	6.50	0.841	>1000	1.32	24.06	-184	6.39	8	200
0942	6.50	0.841	863	1.28	24.03	-184	6.39	8	240
0947	6.49	0.842	529	1.39	24.04	-184	6.39	8	280
0952	6.50	0.842	455	1.23	24.03	-186	6.39	8	320
0957	6.50	0.842	849	1.19	24.00	-190	6.39	8	360
1002	6.50	0.843	379	1.19	23.98	-192	6.39	8	400
1007	6.50	0.841	760	1.14	23.96	-196	6.39	8	440
1012	6.51	0.844	482	1.12	23.90	-196	6.39	8	480
1017	6.51	0.844	278	1.21	23.84	-197	6.39	8	520
1022	6.52	0.845	149.8	1.09	23.82	-200	6.39	8	560
1025	6.52	0.845	148.1	1.07	23.81	-200	6.39	8	600

Total Quantity of Water Removed (gal): 156 + 25 = 181 Personnel: KJ AF

COMMENTS AND OBSERVATIONS: stopped purging at 1025 stable Turbidity but not decreasing

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-C7-09	EA Personnel: KS, AF	Client: NYSDEC
Location: Citi	Well Condition: Good	Weather: Sunny 70°F
Sounding Method: Water Level Meter	Gauge Date: 9/29/25 Gauge Time: 326	Measurement Ref: TOC
Stick Up/Down (ft): Flush	PID Headspace Reading: 39.2 ppm	Well Diameter (in): 2

Purge Date: 9/29/25	Purge Time: 912
Purge Method: Pump	Field Technician: KS, AF

Well Volume

A. Well Depth (ft): 24.25	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: 0.25 ft bgs
B. Depth to Water (ft): 5.67	E. Well Volume (gal) C*D): 3.03	Pump Type: Monsoon Pump
C. Liquid Depth (ft) (A-B): 18.58	F. Three Well Volumes (gal) (E3): 9.10	Pump Intake Depth: 17.00

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1750	6.89	0.837	71000	6.20	24.09	-143	5.90	8	600
1756	6.61	0.843	58	0.32	24.09	-147	5.90	8	640
1759	6.59	0.843	47	0.31	24.09	-148	5.90	8	664
1802	6.58	0.844	33.1	0.29	24.09	-148	5.89	8	688

Total Quantity of Water Removed (gal): 181 Personnel: KS, AF

COMMENTS AND OBSERVATIONS: Fuel-like odor

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-CT-10	EA Personnel: A. Faux	Client: NYSDEC
Location: Citi Storage	Well Condition: Good	Weather: 61° F Sunny
Sounding Method: Keron	Gauge Date: 10/2/25 Gauge Time: 0950	Measurement Ref: TOIC
Stick Up/Down (ft): flush	PID Headspace Reading: 27.2	Well Diameter (in): 2in

Purge Date: 10/2/25	Purge Time: 1000
Purge Method: Monsoon	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 26.84	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: flush
B. Depth to Water (ft): 10.69	E. Well Volume (gal) C*D: 2.63	Pump Type: Monsoon
C. Liquid Depth (ft) (A-B): 16.15	F. Three Well Volumes (gal) (E3): 7.89	Pump Intake Depth: 19 ft

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1000	7.11	0.580	>1000	6.84	18.56	-277	12.67	8	0
1005	7.30	0.565	>1000	5.28	18.17	-275	12.72	8	40
1010	7.20	0.497	>1000	3.78	17.85	-239	12.86	8	80
1015	6.95	0.454	322	2.59	17.73	-218	12.92	8	120
1020	6.85	0.439	200	2.23	17.72	-215	12.93	8	160
1025	6.74	0.425	106	1.78	17.69	-211	12.93	8	200
1030	6.62	0.416	61.3	1.46	17.62	-208	12.95	8	240
1035	6.57	0.415	49.5	1.09	17.63	-206	12.95	8	280
1040	6.49	0.426	52.3	0.81	17.60	-205	12.97	8	320
1045	6.44	0.444	25.2	0.66	17.59	-206	12.97	8	360
1050	6.41	0.461	22.6	0.56	17.58	-207	12.97	8	400
1055	6.38	0.468	18.4	0.46	17.52	-209	12.97	8	440
1100	6.36	0.502	16.2	0.40	17.56	-210	12.97	8	480
1105	6.34	0.503	14.6	0.33	17.54	-212	12.97	8	520
1110	6.34	0.503	12.7	0.30	12.55	-213	12.97	8	560
1115	6.34	0.502	11.9	0.31	12.55	-213	12.97	8	600

Total Quantity of Water Removed (gal): 158.5 Personnel: A. Faux

COMMENTS AND OBSERVATIONS: N/A

EA Engineering and Geology, P.C.

MONITORING WELL DEVELOPMENT LOG

Well I.D.: MW-CT-11	**EA Personnel:** A. Faux	**Client:** NYSDEC
Location: Citi	**Well Condition:** New	**Weather:** 57/68°F Sunny
Sounding Method: WL Meter	**Gauge Date:** 10/3/26	**Measurement Ref:** TOC
	Gauge Time:	
Stick Up/Down (ft): ~.2 ft. bgs	**PID Headspace Reading:**	**Well Diameter (in):** 2

Purge Date: 10/3/26	**Purge Time:**
Purge Method: Surge and Pump	**Field Technician:** A. Faux

Well Volume

A. Well Depth (ft): 43.40	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
B. Depth to Water (ft):	**E. Well Volume (gal) C*D):**	**Pump Type:**
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**

Water Quality Parameters

Time (hrs)	pH (pH units)	Conductivity (mS/cm)	Turbidity (ntu)	DO (mg/L)	Temperature (°C)	ORP (mV)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
		Development Not completed due to observed NAPL							

Total Quantity of Water Removed (gal): _____ **Personnel:** AF

COMMENTS AND OBSERVATIONS:

Scanned with CamScanner

METCALF & EDDY | AECOM

PROJECT: Bayside Petroleum (DDC)	JOB NO: 60004545.01	BORING NO: B-28 / MW-28
LOCATION: Bayside Petroleum Fuel Oil Company	ELEVATION: 5.1'	DEPTH: 72'
	DATE BEGUN: 06/12/06	DATE FINISHED: 06/16/06
DRILL CONTRACTOR: Aquifer Drilling and Testing	GEOLOGIST: Sirish Musthyala	
DRILLING RIG: CME-75	DRILLER: Greg Rivera / Rohan Green	
WEATHER: Clear and sunny 60 - 70 F	DRILL FLUID: Bentonite	HOLE SIZE: 6.25"

Depth	Sample Number	Sample Depth	Recovery	Blow Counts	SAMPLE DESCRIPTION	PID Reading	Monitoring Well Construction	NOTES
0					Borehole Cleared for Utilities		Curb Box Set in Concrete; Bentonite Seal; 2" Diameter Schedule 40 PVC Riser Pipe; #1 Morie Well Sand; 2" Diameter 0.010" PVC Well Screen; Portland/ Bentonite Backfill	
5	S1	5 - 7	0"	woh/24"	No Recovery			
	S2	7 - 9	2"	2, 2, 4, 4	Loose Gray Fine-Medium Sand, some Gravel, tr Silt with a piece of rock at the tip of the spoon (SP)	0		
10	S3	9 - 11	4"	18, 18, 12, 10	Dense Gray Fine-Coarse Sand, some Gravel, tr Silt with a piece of rock at the end of the spoon (SW)	2		
	S4	11 - 13	2"	2, 5, 14, 7	Medium Dense Fine-Coarse Sand, some Gravel, tr Silt with a piece of wood at the end of the spoon (SW)	51.5		
	S5	13 - 15	0"	50/4"	Piece of rock at the end of the spoon			
15	S6	15 - 17	0"	9, 14, 3, 4	No Recovery			
	S7	17 - 19	2"	2, 2, 2, 2	Very Loose Gray Silty Sand, tr Clay (SM)	1.2		
20	S8	19 - 21	18"	4, 4, 3, 4	Loose Gray-Brown Fine Sand, tr Silt, no Gravel (SP)	1		Sample collected for lab analysis
	S9	21 - 23	16"	4, 5, 4, 6	Loose Gray Fine Sand, tr Silt, no Gravel (SP)	0		
	S10	23 - 25	10"	5, 4, 3, 4	Loose Gray Fine Sand, tr Silt, no Gravel (SP)	0		
25	S11	25 - 27	12"	5, 10, 9, 8	Medium Dense Gray Fine Sand, tr Silt, no Gravel (SP)	0		
	S12	27 - 29	9"	9, 10, 8, 10	Medium Dense Brown Fine-Medium Sand, tr Gravel, tr Silt (SP)	0		
30	S13	29 - 31	14"	3, 7, 8, 14	Medium Dense Gray Silty Sand, no Gravel, tr Clay (SM)	0		6/13/06
	S14	31 - 33	13"	3, 5, 4, 8	Loose Gray Silty Sand, tr Clay, no Gravel (SM)	0		
	S15	33 - 35	17"	21, 25, 20, 15	Dense Gray Fine Sand, some Coarse Gravel, tr Silt (SP)	0		
35	S16	35 - 37	12"	8, 9, 11, 15	Medium Dense Gray Fine Sand, some Coarse Gravel, tr Silt (SP)	0		

PROJECT: Bayside Petroleum (DDC)	JOB NO: 60004545.01	BORING NO: B-28 / MW-28
LOCATION: Bayside Petroleum Fuel Oil Company	ELEVATION: 5.1'	DEPTH: 72'
	DATE BEGUN: 06/12/06	DATE FINISHED: 06/16/06
DRILL CONTRACTOR: Aquifer Drilling and Testing	GEOLOGIST: Sirish Musthyala	
DRILLING RIG: CME-75	DRILLER: Greg Rivera / Rohan Green	
WEATHER: Clear and sunny 60 - 70 F	DRILL FLUID: Bentonite	HOLE SIZE: 6.25"

Depth	Sample Number	Sample Depth	Recovery	Blow Counts	SAMPLE DESCRIPTION	PID Reading	Monitoring Well Construction	NOTES
	S17	37 - 39	14"	4, 7, 11, 14	Medium Dense Gray Fine-Coarse Sand, some Coarse Gravel, tr Silt (SW)	7.7		6/14/06
40	S18	39 - 41	2"	50/5"	Dense Gray Fine-Coarse Sand, some Coarse Gravel, tr Silt (SW)			
					Drill through an obstruction			
45	S19	45 - 47	12"	7, 15, 19, 24	Dense Brown Fine Sand, tr Silt, no Gravel (SP)	0		
	S20	47 - 49	10"	10, 24, 28, 30	Dense Brown Fine Sand, tr Silt, no Gravel (SP)	0		6/15/06
50								
	S21	53 - 55	6"	11, 23, 50/4"	Dense Brown-Gray Fine Sand, tr Silt, no Gravel (SP)	0		
55	S22	55 - 57	12"	15, 16, 15, 27	Dense Brown-Gray Fine Sand, tr Silt, no Gravel (SP)	0		
60	S23	60 - 62	14"	3, 5, 6, 7	Medium Dense Gray Fine Sand, tr Silt, no Gravel (SP)	0		
65	S24	65 - 67	12"	6, 12, 15, 28	Medium Dense Gray Fine Sand, tr Silt, no Gravel (SP)	0		
70	S25	70 - 72	6"	12, 30, 28, 41	Very Dense White Silty Clay, tr Fine Sand (SC)	0		Sample collected for lab analysis
					Boring Terminated @ 72'			

METCALF & EDDY | AECOM

PROJECT: Bayside Petroleum (DDC)	JOB NO: 60004545.01	BORING NO: B-33 / MW-33
LOCATION: Bayside Petroleum Fuel Oil Company	ELEVATION: 6.9'	DEPTH: 61'
	DATE BEGUN: 06/06/06	DATE FINISHED: 06/07/06
DRILL CONTRACTOR: Aquifer Drilling and Testing	GEOLOGIST: Sirish Musthyala	
DRILLING RIG: CME-55	DRILLER: Tony Palanque / Enrique Vernazza	
WEATHER: Clear and sunny 60 - 70 F	DRILL FLUID: Water	HOLE SIZE: 6.25"

Depth	Sample Number	Sample Depth	Recovery	Blow Counts	SAMPLE DESCRIPTION	PID Reading	Monitoring Well Construction	NOTES
0					Borehole Cleared for Utilities		Curb Box Set in Concrete; Bentonite Seal; 2" Diameter Schedule 40 PVC Riser Pipe; #1 Morie Well Sand; 2" Diameter 0.010" PVC Well Screen; Portland/ Bentonite Backfill	
5	S1	5 - 7	6"	1, 2, 2, 1	Very Loose Gray Fine Sand, tr Gravel, tr Silt (SP)	2.1		
	S2	7 - 9	0"	1, 1, 1, 1	No Recovery	2.5		Sample collected for lab analysis
10	S3	9 - 11	8"	1, 2, 3, 5	Loose Gray Fine Sand, tr Fine-Medium Gravel, tr Silt (SP)	1		
	S4	11 - 13	10"	1, 3, 3, 4	Loose Gray Fine Sand, some Fine-Medium Gravel, tr Silt (SP)	0		
	S5	13 - 15	14"	1, 2, 1, 1	Very Loose Gray Silty Sand, tr Clay with sea shells (SM)	0		
15	S6	15 - 17	6"	2, 1, 1, 1	Very Loose Gray Silty Sand, tr Clay *SM)	0		
	S7	17 - 19	14"	2, 2, 2, 2	Very Loose Black Organic Silt (ML/OL)	0		
20	S8	19 - 21	12"	2, 4, 6, 6	Medium Dense Gray Fine Sand, tr Silt, no Gravel (SP)	0		
	S9	21 - 23	8"	1, 2, 4, 9	Loose Gray Fine Sand, tr Silt, no Gravel (SP)	0		
	S10	23 - 25	4"	4, 5, 7, 10	Medium Dense Gray Fine Sand, tr Silt, no Gravel (SP)	0		
25	S11	25 - 27	6"	4, 5, 5 4	Medium Dense Brown-Gray Fine Sand, tr Silt, no Gravel (SP)	0		
	S12	27 - 29	8"	6, 5, 4, 7	Loose Brown-Gray Silty Sand, tr Clay (SM)	0		
30	S13	29 - 31	10"	11, 5, 8, 7	Medium Dense Gray-Brown Fine Sand, some Gravel, tr Silt (SP)	0		6/7/06
	S14	31 - 33	12"	18, 8, 7, 11	Medium Dense Gray Silty Sand, tr Clay (SM)	0		
	S15	33 - 35	12"	10, 7, 6, 9	Medium Dense Gray Fine Sand, some angular Gravel, tr Silt (SP)	0		
35	S16	35 - 37	14"	8, 8, 10, 14	Medium Dense Gray Fine-Medium Sand, some Gravel, tr Silt (SP)	0		

PROJECT: Bayside Petroleum (DDC)	JOB NO: 60004545.01	BORING NO: B-33 / MW-33
LOCATION: Bayside Petroleum Fuel Oil Company	ELEVATION: 6.9'	DEPTH: 61'
	DATE BEGUN: 06/06/06	DATE FINISHED: 06/07/06
DRILL CONTRACTOR: Aquifer Drilling and Testing	GEOLOGIST: Sirish Musthyala	
DRILLING RIG: CME-55	DRILLER: Tony Palanque / Enrique Vernazza	
WEATHER: Clear and sunny 60 - 70 F	DRILL FLUID: Water	HOLE SIZE: 6.25"

Depth	Sample Number	Sample Depth	Recovery	Blow Counts	SAMPLE DESCRIPTION	PID Reading	Monitoring Well Construction	NOTES
	S17	37 - 39	16"	14, 27, 9, 14	Dense Gray Fine-Medium Sand, some Gravel, tr Silt (SP)	0		
40	S18	39 - 41	8"	6, 6, 50/3"	Dense Gray Fine-Medium Sand, some Gravel, tr Silt (SP)	0		
	S19	41 - 43			Drilled through an obstruction			
	S20	43 - 45	16"	15, 12, 18, 13	(A) 7" Dense Brown Fine Sand, some Gravel, tr Silt (SP) (B) 9" Dense Gray Silty Sand, tr Clay (SM)	0		
45	S21	45 - 47	10"	20, 28, 20, 23	Medium Dense Gray Silty Sand, tr Clay (SM)	0		
	S22	47 - 49	9"	11, 13, 12, 18	Medium Dense Gray Fine-Medium Sand, some Gravel, tr Silt (SP)	0		
50	S23	49 - 51	10"	8, 10, 19, 21	Medium Dense Gray Silty Sand, tr Clay (SM)	0		
55	S24	54 - 56	14"	8, 11, 15, 12	Medium Dense Reddish Gray-White Silty Clay, tr Sand (SC)	0		
60	S25	59 - 61	16"	10, 12, 11, 14	Medium Dense Reddish White Silty Clay, tr Fine Sand (SC)	0		Sample collected for lab analysis
					Boring Terminated @ 61'			
65								
70								

PROJECT: DDC-Levine Property	JOB NO: 60003815.01	BORING NO: LPB-6 / MW-9
LOCATION: North 10th Street, Brooklyn, NY	ELEVATION:	DEPTH: 33'
	DATE BEGUN: 12/21/05	DATE FINISHED: 12/22/05
DRILL CONTRACTOR: Aquifer Drilling and Testing	GEOLOGIST: Sirish Musthyala	
DRILLING METHOD: Hollow Stem Augers	DRILLER: Lloyd Adams / Chris Migliore	
WEATHER: Clear & Sunny 30-35 F	DRILL FLUID: NA	HOLE SIZE: 6.25"

Depth	Sample Number	Sample Depth	Recovery	Blow Counts	SAMPLE DESCRIPTION	PID Reading	Monitoring Well Construction	NOTES
	S11	25 - 27	8"	2, 3, 2, 2	Very Loose Black Ash and Cinder fill	13.9		
	S12	27 - 29	14"	4, 6, 6, 5	Medium Dense Gray Fine Silty Sand	0.4		
30	S13	29 - 31	18"	3, 8, 5, 7	Medium Dense Gray Fine silty Sand, tr Clay	0.2		
	S14	31 - 33	12"	5, 5, 6, 7	Medium Dense Gray Fine Sand, some Silt, tr Clay	0.2		
					Boring Terminated @ 33'			
35								
40								
45								
50								

Portland/ Bentonite Backfill

METCALF & EDDY | AECOM

PROJECT: DDC-Levine Property	JOB NO: 60003815.01	BORING NO: LPB-20 / MW-8
LOCATION: North 10th Street, Brooklyn, NY	ELEVATION:	DEPTH: 47'
	DATE BEGUN: 12/16/05	DATE FINISHED: 12/16/05
DRILL CONTRACTOR: Aquifer Drilling and Testing	GEOLOGIST: Eric Acs	
DRILLING METHOD: Hollow Stem Augers	DRILLER: Brian Yurick / Eddie Sellman	
WEATHER: Sunny 50's	DRILL FLUID: NA	HOLE SIZE: 6.25"

Depth	Sample Number	Sample Depth	Recovery	Blow Counts	SAMPLE DESCRIPTION	PID Reading	Monitoring Well Construction	NOTES
0					Borehole cleared for utilities		Curb Box Set in Concrete; Bentonite Seal	
5	S1	5 - 7	8"	3, 2, 3, 4	Loose Yellow-Brown silty Fine Sand	0	2" Diameter Schedule 40 PVC Riser Pipe	sample collected for lab analyses
	S2	7 - 9	10"	3, 2, 2, 3	Loose Yellow-Brown Fine Sand, tr Silt	0	#1 Morie Well Sand	sample collected for lab analyses
10	S3	9 - 11	20"	18, 17, 21, 27	Loose Yellow-Brown Fine Sand, tr Silt	0		wet @ 9'
	S4	11 - 13	18"	1, 1, woh, 1	Loose Yellow-Brown Fine Sand, tr Silt	0	2" Diameter 0.010" PVC Well Screen	
	S5	13 - 15	18"	8, 3, 4, 5	Medium Dense Yellow-Brown Fine-Medium Sand, some Silt, tr Fine-Medium Gravel	0		
15	S6	15 - 17	18"	4, 7, 9, 8	Medium Dense Yellow-Brown Fine-medium Sand, some Silt, tr Fine-Medium Gravel	0		
	S7	17 - 19	16"	7, 8, 8, 7	Medium Dense Yellow-Brown Fine-Medium Sand, some Silt, tr Fine-Medium Gravel	0		
20	S8	19 - 21	16"	3, 2, 5, 8	Loose Yellow-Brown silty Fine Sand, tr Fine-Medium Gravel (Till)	0		
25								

GEI Consultants

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg MGP RI
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060

BORING LOG
PAGE 2 of 3
WW-MW-16

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC IN./IN.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	20	S5	60/58	8564			PLO	WWMW-16 (20-21)	(20'- 20.9') WIDELY GRADED SAND (SW); ~95% sand, fine to medium, ~5% fines, non plastic; moderate petroleum-like odor, wet, brown.	
							PLO		(20.9'- 22') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% fines, non plastic; moderate petroleum-like odor, wet, brown.	
							OLO		(22'- 22.8') SANDY ORGANIC SOIL (OL); ~60% fines, low plasticity, ~40% sand, fine; moderate organic-like odor, moist, brown black, organics, roots, seeds, plant matter.	
							PLO		(22.8'- 23.6') NARROWLY GRADED SAND (SP); ~95% sand, fine, ~5% fines, non plastic; slight petroleum-like odor, moist, gray.	
-15	25	S6	60/54	81.2					(23.6'- 25') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% fines, non plastic; slight petroleum-like odor, reddish gray.	
									(25'- 30') WIDELY GRADED SAND (SW); ~95% sand, fine to medium, ~5% fines, non plastic; moist, gray, slight fruit-like, possibly petroleum odor.	
-20	30	S7	60/59						(30'- 31.2') WIDELY GRADED SAND (SW); ~95% sand, fine to medium, ~5% fines, non plastic; wet, brown, loose, moderate fruit-like, possibly petroleum odor.	
				0.8					(31.2'- 31.8') WIDELY GRADED SAND WITH SILT (SW-SM); ~85% sand, fine to coarse, ~10% fines, low plasticity, ~5% gravel, fine; max. size 0.5, moist, brown, silty seams, fruit-like, possibly petroleum odor.	
									(31.8'- 32.9') LEAN CLAY (CL); ~70% fines, medium plasticity, ~30% sand, fine; reddish gray, slight fruit-like, possibly petroleum odor.	
-25	35	S8	60/46	5.7					(32.9'- 35') WIDELY GRADED SAND (SW); ~95% sand, fine to medium, ~5% fines, non plastic; wet, brown, slight fruit-like, possibly petroleum odor.	
									(35'- 37.4') WIDELY GRADED SAND (SW); ~95% sand, fine to medium, ~5% fines, non plastic; moist, gray, slight fruit-like, possibly petroleum odor.	
								WWMW-16 (38-40)	(37.4'- 40') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~5% gravel, fine, ~5% fines, non plastic; max. size 0.5, brown, slight fruit-like, possibly petroleum odor.	
-30	40	S9	60/62	12.7					(40'- 48.1') SANDY SILT (ML); ~60% fines, low plasticity, ~40% sand, fine; brown, dense, slight fruit-like, possibly petroleum odor.	

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (PPM)
JHS = JAR HEADSPACE PID READING (PPM)

NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG WILLIAMSBURG W PREV. BORINGS.GPJ FULTON DATA TEMPLATE.GDT 3/27/13

GEI Consultants

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg MGP RI
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060

BORING LOG

WW-MW-16

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC IN./IN.	SAMPLE INFO: PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
-35	45	S10	60/60	4.2					(48.1'- 52.5') WIDELY GRADED SAND (SW); ~95% sand, fine to medium, ~5% fines, non plastic; brown, slight fruit-like, possibly petroleum odor.	
-40	50	S11	30/51							

End of Boring at 52.5 feet.
Refusal at 52.5 feet.
Grouted

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (PPM)
JHS = JAR HEADSPACE PID READING (PPM)

NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG WILLIAMSBURG W PREV. BORINGS.GPJ FULTON DATA TEMPLATE.GDT 3/27/13

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg MGP RI
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060

BORING LOG
PAGE 1 of 4
WW-MW-18

GROUND SURFACE ELEVATION (FT): 8.72 **LOCATION:** 26 N 12th St
NORTHING (FT): 689179 **EASTING (FT):** 641982 **TOTAL DEPTH (FT):** 85.0
DRILLED BY: Boart Longyear / Frank Gardella **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Amy Malsbary/Kari Weber **DATE START / END:** 10/27/2010 - 10/28/2010
DRILLING DETAILS: Sonic Coring
WATER LEVEL DEPTHS (FT): ▽ 5.00 10/27/2010
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC IN./IN.	SAMPLE INFO: PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0		60/NM	23.2			WW-MW-18 (1-2)	(0'- 0.5') ASPHALT. (0.5'- 5') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, coarse, ~10% fines; hand cleared.	
5	5	S-1	60/28	2.4		PLO	WW-MW-18 (6-7)	(5'- 10') WIDELY GRADED SAND WITH SILT (SW-SM); ~85% sand, fine to medium, ~10% fines, ~5% gravel, fine to coarse, subrounded; max. size 1.5, slight petroleum-like odor, wet, grayish brown to brown.	
0	10	S-2	60/14	8.9		PLO		(10'- 15') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~5% gravel, fine to coarse, subangular, ~5% fines; max. size 2, slight petroleum-like odor, wet, brown, mostly fine to medium sand.	
-5	15	S-3	120/95			OLO		(15'- 16.8') SILT WITH SAND (ML); ~85% fines, low plasticity, rapid dilatancy, ~15% sand, fine; slight organic-like odor, wet, dark gray, lenses of brown fine to coarse sand up to 1.5 inches thick; wood pieces from ~15.3 to 15.8 feet.	
-10				8.0		OLO		(16.8'- 21.5') SANDY ORGANIC SOIL (OL); ~70% fines, low plasticity, slow dilatancy, ~30% sand, fine; moderate organic-like odor, wet, gray, lenses of black organic silt up to 1 inch thick.	
	20								

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
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JHS = JAR HEADSPACE PID READING (PPM)

NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG WILLIAMSBURG W PREV. BORINGS.GPJ FULTON DATA TEMPLATE.GDT 3/27/13

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg MGP RI
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060

BORING LOG
PAGE 2 of 4
WW-MW-18

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC IN./IN.	SAMPLE INFO: PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	20					OLO			
				6.8				(21.5'- 24.5') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, ~5% fines; wet, light reddish brown.	
-15									
	25	S-4	120/117					(24.5'- 25') CLAYEY SAND WITH GRAVEL (SC); ~50% sand, fine to coarse, ~35% fines, medium plasticity, no dilatancy, ~15% gravel, fine, subangular; max. size 0.5, wet, light brown. (25'- 25.8') WIDELY GRADED SAND (SW); ~85% sand, fine to coarse, ~10% gravel, fine to coarse, subangular, ~5% fines; max. size 2, wet, brown, mostly fine to medium sand. (25.8'- 26') CLAYEY SAND (SC); ~55% sand, fine to coarse, ~35% fines, medium plasticity, no dilatancy, ~10% gravel, fine to coarse, subrounded; max. size 4, wet, brown. (26'- 30') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, ~15% gravel, fine to coarse, subangular, ~10% fines; max. size 1.5, wet, brown.	
-20									
	30							(30'- 31.2') CLAYEY SAND (SC); ~70% sand, fine to coarse, ~20% fines, medium plasticity, no dilatancy, ~10% gravel, fine to coarse, subrounded; max. size 2, wet, brown. (31.2'- 40.5') NARROWLY GRADED SAND WITH GRAVEL (SP); ~80% sand, fine, ~15% gravel, fine to coarse, subrounded, ~5% fines; max. size 2, wet, brown.	
-25									
	35	S-5	120/85						
				1.8					
-30									
	40							(40.5'- 49.2') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% fines; wet, reddish brown.	
				6.5					
-35				2.2					

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ENVIRONMENTAL BORING LOG WILLIAMSBURG W PREV. BORINGS.GPJ FULTON DATA TEMPLATE.GDT 3/27/13

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Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg MGP RI
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060

BORING LOG
PAGE 3 of 4
WW-MW-18

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC IN./IN.	SAMPLE INFO: PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	45	S-6	120/92	13.8					
-40	50							(49.2'- 52') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, ~5% fines; wet, brown.	
-45				20.4				(52'- 55') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, ~20% gravel, fine to coarse, ~10% fines; max. size 2, wet, brown.	
	55	S-7	120/95					(55'- 56.4') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~5% gravel, fine to coarse, subangular, ~5% fines; max. size 1, wet, grayish brown.	
-50								(56.4'- 56.7') LEAN CLAY (CL); ~100% fines, high plasticity, no dilatancy; moist, red with mottled gray.	
	60							(56.7'- 59') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~5% gravel, fine to coarse, subangular, ~5% fines; max. size 1.5, wet, brown.	
								(59'- 61.8') SILTY SAND (SM); fine to coarse, subangular, ~85% sand, fine to medium, ~15% fines; max. size 1.25, wet, light brown, mostly fine sand.	
-55				8.2				(61.8'- 65') ELASTIC SILT WITH SAND (MH); ~85% fines, low plasticity, slow dilatancy, ~15% sand, fine to medium; moist, gray, lens of brown fine sand up to 1/8 inch thick.	
	65	S-8	60/16					(65'- 71') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, ~5% fines; wet, brown.	
				7.8					
-60									

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ENVIRONMENTAL BORING LOG WILLIAMSBURG W PREV. BORINGS.GPJ FULTON DATA TEMPLATE.GDT 3/27/13

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(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg MGP RI
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060

BORING LOG
PAGE 4 of 4
WW-MW-18

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC IN./IN.	SAMPLE INFO: PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	70	S-9	36/36						
				5.2			WW-MW-18 (72-73)	(71'- 73') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~5% gravel, fine to coarse, subangular, ~5% fines; max. size 1, wet, brown.	
-65		S-10	144/136					(73'- 74') CLAYEY SAND (SC); ~50% sand, fine to coarse, ~40% fines, ~10% gravel, fine to coarse, subangular; max. size 0.75, wet, reddish brown.	
				3.3				(74'- 75.5') LEAN CLAY (CL); ~100% fines, high plasticity, no dilatancy; moist, red with mottled gray.	
	75							(75.5'- 80') LEAN CLAY (CL); ~100% fines, high plasticity, no dilatancy; moist, dark gray and gray, red mottling.	
				4.1					
-70									
	80							(80'- 85') SANDY LEAN CLAY (CL); ~60% fines, medium plasticity, no dilatancy, ~40% sand, fine to coarse; wet, light gray.	
				0.0					
-75									
	85							End of Boring at 85 feet. Grouted	

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ENVIRONMENTAL BORING LOG WILLIAMSBURG W PREV. BORINGS.GPJ FULTON DATA TEMPLATE.GDT 3/27/13

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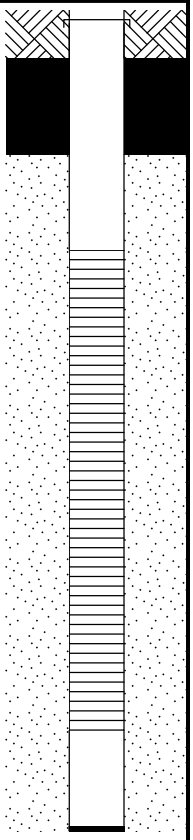
CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 2
WW-MW-200

GROUND SURFACE ELEVATION (FT): 9.52 **LOCATION:** Parcel 3
NORTHING: 689103.59 **EASTING:** 641548.46 **TOTAL DEPTH (FT):** 35.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Stacey Ng & Ricky Perryman **DATE START / END:** 7/18/2022 - 7/20/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 5.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					WW-MW-200 (0-5)	S1A (0'- 0.5') CONCRETE; FILL, Hand cleared. S1B (0.5'- 5') SILTY GRAVEL WITH SAND (GM); ~40% gravel, fine to coarse, subrounded, ~20% sand, fine to coarse, ~20% fines, non plastic; dry, brown, FILL.
5 ▽	S2	5.0	2.8	0.0, 3.7, 47.9, 169.4, 68.4, 76.7, 43.5			NLO	WW-MW-200 (7-10)	S2A (5'- 5.89') NARROWLY GRADED GRAVEL WITH SILT (GP-GM); ~80% gravel, medium to coarse, subangular, ~10% sand, ~10% fines, non plastic; wet, brown and red, FILL. S2B (5.89'- 10') SILT WITH SAND (ML); ~65% fines, non plastic, ~25% sand, fine to medium, ~10% gravel, medium, subrounded; strong naphthalene-like odor, wet, brown, FILL, Intermittent black staining, NAPL coated, slight sheens. Wood debris at 1.5' of sample..
10	S3	5.0	2.5	0.0, 0.0, 0.0, 0.0, 0.0			NLO		S3 (10'- 15') SILTY SAND (SM); ~65% sand, fine to medium, ~25% fines, non plastic, ~10% gravel, medium to coarse, subangular; slight naphthalene-like odor, wet, dark brown, FILL, Slight sheens, blebs, intermittent black staining.
15	S4	5.0	2.6	0.0, 0.0, 0.0, 0.0, 0.0					S4A (15'- 18.85') SILTY SAND (SM); ~65% sand, fine to medium, ~25% fines, non plastic, ~10% gravel, medium to coarse, subangular; wet, brown, FILL.
									S4B (18.85'- 20') CLAYED SILT (CL-ML); ~100% fines, low to medium plasticity; moist, brown and gray, FILL, Slight cohesion.
20	S5	5.0	2.3	0.0, 0.0, 0.0, 0.0, 0.0					S5A (20'- 21.3') SILTY SAND WITH GRAVEL (SM); ~55% sand, fine to medium, ~25% fines, non plastic, ~20% gravel, medium to coarse, subangular; wet, gray and brown, Trace clay fines. S5B (21.3'- 25') SILT WITH SAND (ML);

WELL CONSTRUCTION DETAILS



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ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_10.07.2023.GPJ GEI CONSULTANTS.GDT 10/10/23

GEI Consultants, Inc., P.C.
455 Winding Brook Drive
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 2 of 2
WW-MW-200

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
25	S6	5.0	1	0.0, 0.0					~65% fines, non plastic, ~25% sand, fine to medium, ~15% gravel, medium to coarse, subrounded; wet, Dense. S6A (25'- 26.5') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~10% gravel, coarse; wet, brown, Cobbles. S6B (26.5'- 30') COBBLES; ~100% gravel, coarse; Subrounded cobbles jammed in sampler, poor recovery.	
30	S7	5.0	3.2	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				WW-MW-200 (33-35)	S7A (30'- 31.25') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~10% gravel, fine to medium, subrounded; wet. S7B (31.25'- 33') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine, ~10% fines, non plastic; wet, brown with purple. S7C (33'- 35') CLAYED SILT (CL-ML); ~100% fines; moist, light brown, Very dense.	
35									Bottom of borehole at 35.0 feet.	

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ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_10.07.2023.GPJ GEI CONSULTANTS.GDT 10/10/23

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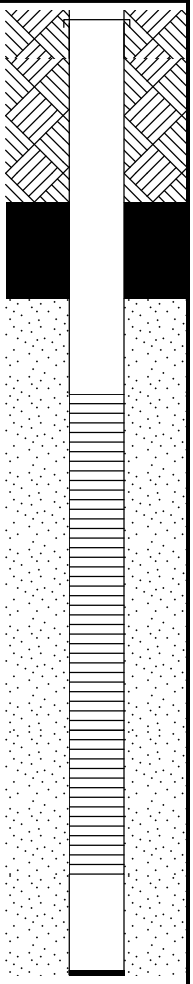
CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 2
WW-MW-201

GROUND SURFACE ELEVATION (FT): 11.25 **LOCATION:** Parcel 4
NORTHING: 689233.01 **EASTING:** 641298.02 **TOTAL DEPTH (FT):** 50.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Stacey Ng & Ricky Perryman **DATE START / END:** 8/2/2022 - 8/3/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 11.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					WW-MW-201 (0-5)	S1A (0'- 1.2') CONCRETE; FILL, Hand cleared. S1B (1.2'- 5') NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP-SM); ~50% sand, fine to medium, ~40% gravel, fine to coarse, subangular, ~10% fines, non plastic; dry, dark brown, FILL.
5	S2	5.0	2.2	0.0, 0.0, 0.0, 0.0, 0.0				WW-MW-201 (5-10)	S2A (5'- 7.95') SILTY SAND WITH GRAVEL (SM); ~40% sand, fine to medium, ~35% gravel, fine to coarse, ~25% fines, non plastic; wet, dark brown, FILL. S2B (7.95'- 10') SILTY SAND WITH GRAVEL (SM); ~40% sand, fine to medium, ~35% fines, non plastic, ~25% gravel, fine to coarse; dry, red, FILL.
10 ▽	S3	5.0	3.2	10.9, 52.7, 91.2, 59.1			OLO		S3 (10'- 15') SILTY GRAVEL WITH SAND (GM); ~55% gravel, fine to coarse, ~25% sand, fine to coarse, ~20% fines, non plastic; moderate organic-like odor, moist, reddish brown, FILL.
15	S4	5.0	1.8	109.8, 201.2, 146, 105.1			NLO		S4 (15'- 20') SILTY GRAVEL (GM); ~70% gravel, fine to coarse, ~20% fines, non plastic, ~10% sand, fine to coarse; moderate naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. Staining, sheens, NAPL coating.
20	S5	5.0	1.9	47.2, 22.3, 16.6, 44.8			NLO		S5 (20'- 25') SILTY GRAVEL (GM); ~70% gravel, fine to coarse, ~20% fines, non plastic, ~10% sand, fine to coarse; moderate naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. Sheens and slight NAPL coating.

WELL CONSTRUCTION DETAILS



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ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_10.07.2023.GPJ GEI CONSULTANTS.GDT 10/10/23

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CLIENT: National Grid
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GEI PROJECT NUMBER: 093060-3.5

BORING LOG

PAGE 2 of 2

WW-MW-201

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
25							NLO			
	S6	5.0	1.9	48.3, 41.5, 178.4, 157.6			NLO	WW-MW-201 (27-30)	S6 (25'- 30') SANDY SILT (ML); ~65% fines, non plastic, ~30% sand, fine, ~5% gravel, fine to coarse; moderate naphthalene-like odor, wet, black, Naphthalene-like odor mixed with petroleum-like odor. Staining, NAPL coating, sheens.	
30	S7	5.0	1.4	9.2, 3.5, 14.7, 6.5			NLO		S7 (30'- 35') SILTY SAND WITH GRAVEL (SM); ~65% sand, fine to medium, ~20% fines, non plastic, ~15% gravel, fine to coarse; slight naphthalene-like odor, wet, brown, Naphthalene-like odor mixed with petroleum-like odor.	
35	S8	5.0	2.7	3.7, 4.9, 5.2, 4.8			NLO		S8 (35'- 40') SILTY SAND (SM); ~80% sand, fine to medium, ~20% fines, non plastic; slight naphthalene-like odor, wet, brown, Naphthalene-like odor mixed with petroleum-like odor.	
40	S9	5.0	3.7	2.1, 0.0, 0.0, 0.0, 0.0					S9 (40'- 45') SILTY SAND (SM); ~80% sand, fine to medium, ~15% fines, non plastic, ~5% gravel; wet, brown.	
45	S10	5.0	3.2	0.0, 0.0, 0.0, 0.0, 0.0				WW-MW-201 (45-50)	S10A (45'- 47.81') SILT WITH SAND (ML); ~80% fines, non plastic, ~15% sand, fine, ~5% gravel; wet, grayish brown.	
									S10B (47.81'- 50') SANDY SILT WITH GRAVEL (ML); ~60% fines, non plastic, ~25% sand, fine to coarse, ~15% gravel; wet, dark brown.	
50									Bottom of borehole at 50.0 feet.	

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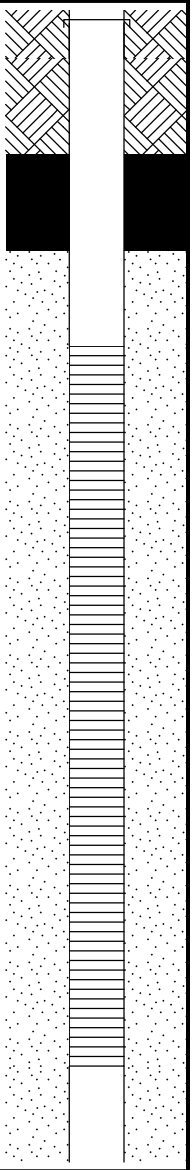
CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 4
WW-MW-202

GROUND SURFACE ELEVATION (FT): 11 **LOCATION:** Parcel 4
NORTHING: 689309.27 **EASTING:** 641322.62 **TOTAL DEPTH (FT):** 85.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Stacey Ng & Ricky Perryman **DATE START / END:** 7/22/2022 - 8/1/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 6.10

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					WW-MW-202 (0-5)	S1A (0'- 1') CONCRETE; FILL, Hand cleared, rebar. S1B (1'- 5') SILT WITH SAND (ML); ~65% fines, non plastic, ~20% sand, fine to medium, ~15% gravel, subrounded; moist, brown, FILL.
5	S2	5.0	2.3	0.0, 1.2, 27.0, 79.4, 66.1			NLO	WW-MW-202 (8-10)	S2A (5'- 7.39') SANDY SILT WITH GRAVEL (ML); ~40% fines, non plastic, ~35% sand, fine to medium, ~25% gravel, medium to coarse, subangular; wet, dark brown, FILL. S2B (7.39'- 10') SILT WITH SAND (ML); ~60% fines, non plastic, ~25% sand, fine to medium, ~15% gravel, medium coarse, subrounded; moderate naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. Staining, trace sheens, with metal and wood debris.
10	S3	5.0	2.6	30.0, 23.7, 610.5, 153.2, 172.5			NLO		S3A (10'- 12.12') SILTY SAND WITH GRAVEL (SM); ~45% sand, fine to medium, ~40% gravel, medium coarse, subangular, ~15% fines, non plastic; slight naphthalene-like odor, wet, dark gray, FILL, Naphthalene-like odor mixed with petroleum-like odor. Trace wood debris.
15	S4	5.0	0.2	132.2			NLO		S3B (12.12'- 15') NARROWLY GRADED SAND WITH GRAVEL (SP); ~75% sand, medium to coarse, ~25% gravel, medium coarse, subangular; strong naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. Staining, trace sheens. S4 (15'- 20') NARROWLY GRADED SAND WITH GRAVEL (SP); ~70% sand, medium, ~30% gravel, fine to coarse, subangular; moderate naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. Staining, trace wood debris.
20	S5	5.0	3.5	285.5, 530.0, 388.9, 68.2, 25.3, 95.9, 22.9			NLO NLO	WW-MW-202 (20-22)	S5A (20'- 22.43') SILT WITH SAND (ML); ~55% fines, low plasticity, ~25% sand, fine to medium, ~20% gravel, fine to coarse, subangular; strong

WELL CONSTRUCTION DETAILS



NOTES:

PEN = PENETRATION LENGTH OF SAMPLER
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_10.07.2023.GPJ GEI CONSULTANTS.GDT 10/10/23

GEI Consultants

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455 Winding Brook Drive
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(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 2 of 4
WW-MW-202

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
							NLO		naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. NAPL saturation, coated within clay.	
25	S6	5.0	3.9	32.6, 9.3, 8.5, 8.2, 5.4, 6.1			NLO		S5B (22.43'- 25') LEAN CLAY (CL); ~100% fines, low to medium plasticity; strong naphthalene-like odor, moist, FILL, Naphthalene-like odor mixed with petroleum-like odor. Thin piece of wood. S6A (25'- 28.72') LEAN CLAY (CL); ~100% fines, low to medium plasticity; slight naphthalene-like odor, moist, Naphthalene-like odor mixed with petroleum-like odor. Sheens. S6B (28.72'- 30') SILT WITH SAND (ML); ~65% fines, low plasticity, ~25% sand, fine to medium, ~10% gravel, fine to medium; moist, brown with gray.	
30	S7	5.0	2	0.8, 0.2, 0.5, 0.6					S7 (30'- 35') SILT WITH SAND (ML); ~65% fines, low plasticity, ~25% sand, fine to medium, ~10% gravel, fine to medium; moist, gray.	
35	S8	5.0	0						S8 (35'- 40') No Recovery.	
40	S9	5.0	0.1						S9 (40'- 45') SILTY SAND (SM); ~75% sand, fine to medium, ~25% fines, non plastic; wet, brown.	
45	S10	5.0	0						S10 (45'- 50') No Recovery.	
50	S11	5.0	3.2	0.0, 0.0, 0.0, 0.0, 0.0, 0.0				WW-MW-202 (50-52)	S11A (50'- 52.18') SILTY SAND (SM); ~65% sand, fine, ~25% fines, non plastic, ~10% gravel, fine to medium, rounded; wet, light brown.	

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BORING LOG
PAGE 3 of 4
WW-MW-202

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
55	S12	5.0	3.7	0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S11B (52.18'- 53.58') SILTY SAND (SM); ~65% sand, fine, ~25% fines, non plastic, ~10% gravel, fine to medium, rounded; moist, light brown, Dense. S11C (53.58'- 55') NARROWLY GRADED SAND WITH GRAVEL (SP); ~80% sand, fine to medium, ~15% gravel, medium to coarse, rounded, ~5% fines, non plastic; moist, light brown. S12A (55'- 57.7') NARROWLY GRADED SAND WITH GRAVEL (SP); ~80% sand, fine to medium, ~15% gravel, medium to coarse, rounded, ~5% fines, non plastic; moist, light brown. S12B (57.7'- 60') SILT WITH SAND (ML); ~75% fines, low plasticity, ~25% sand, fine; moist, reddish brown.	
60	S13	5.0	3.5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S13A (60'- 62.28') SILT WITH SAND (ML); ~75% fines, low plasticity, ~25% sand, fine; moist, reddish brown. S13B (62.28'- 65') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine to medium, ~25% fines, low plasticity, ~15% gravel, fine to coarse, rounded; wet, light brown.	
65	S14	5.0	3.5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S14A (65'- 66') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine to medium, ~25% fines, low plasticity, ~15% gravel, fine to coarse, rounded; wet, light brown. S14B (66'- 70') SILT WITH GRAVEL (ML); ~75% fines, low plasticity, ~15% gravel, fine to medium, ~5% sand, fine; moist, light brown, Dense.	
70	S15	5.0	3.5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S15 (70'- 75') SILTY SAND (SM); ~75% sand, fine to medium, ~15% fines, non plastic, ~5% gravel, fine, subrounded; wet, brown.	
75	S16	5.0	5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S16A (75'- 77.1') LEAN CLAY (CL); ~100% fines, low to medium plasticity; gray with red, Dense. S16B (77.1'- 78') SILT WITH GRAVEL (ML); ~75% fines, low plasticity, ~15% gravel, fine to medium, subangular, ~10% sand; moist, brown, Dense. S16C (78'- 79') LEAN CLAY (CL); ~100% fines, low to medium plasticity; moist,	
80										

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BORING LOG

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WW-MW-202

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
80	S17	5.0	5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0					gray. S16D (79'- 80') LEAN CLAY WITH SAND (CL); ~85% fines, low to medium plasticity, ~15% sand, fine to medium; moist, gray and white, Dense. S17A (80'- 82.3') LEAN CLAY (CL); ~100% fines, low to medium plasticity; moist, light gray, Dense. S17B (82.3'- 85') LEAN CLAY WITH SAND (CL); ~85% fines, low to medium plasticity, ~15% sand, fine to medium; moist, gray and white, Dense. Bottom of borehole at 85.0 feet.	
85										

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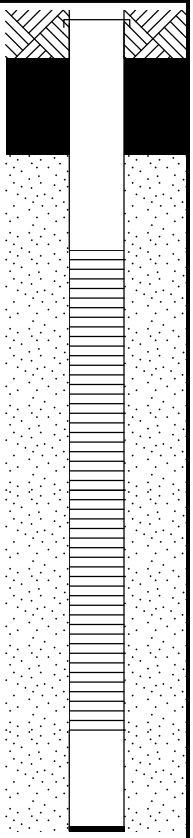
CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 2
WW-MW-203

GROUND SURFACE ELEVATION (FT): 11.23 **LOCATION:** Parcel 4
NORTHING: 689273.02 **EASTING:** 641431.4 **TOTAL DEPTH (FT):** 30.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Stacey Ng & Ricky Perryman **DATE START / END:** 7/20/2022 - 7/27/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 8.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					WW-MW-203 (0-5)	S1A (0'- 0.75') CONCRETE; FILL, Hand cleared, rebar. S1B (0.75'- 5') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~60% sand, fine to coarse, ~30% gravel, fine to coarse, subangular, ~10% fines, non plastic; dry, light gray to tan, FILL.
5	S2	5.0	1.2	0.0, 0.0, 0.0					S2 (5'- 10') WIDELY GRADED GRAVEL (GW); ~90% gravel, fine to coarse, subangular, ~10% sand, fine; wet, brown, FILL.
10	S3	5.0	2.5	110.2, 70.1, 10.8, 24.6			PLO	WW-MW-203 (10-12)	S3A (10'- 13.8') SILTY GRAVEL WITH SAND (GM); ~50% gravel, fine to coarse, ~30% sand, fine to coarse, ~20% fines, non plastic; moderate petroleum-like odor, wet, dark brown and black, FILL, Sheens. S3B (13.8'- 15') SILT WITH SAND (ML); ~80% fines, non plastic, ~20% sand, fine; wet, brown, FILL.
15	S4	5.0	3.6	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S4A (15'- 19') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine to medium, ~25% fines, non plastic, ~15% gravel, fine; wet, brown, Wood fragments. S4B (19'- 20') SILTY SAND WITH GRAVEL (SM); ~65% sand, fine to medium, ~20% gravel, fine, ~15% fines, non plastic; wet, black.
20	S5	5.0	3.8	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0				WW-MW-203 (22-24)	S5A (20'- 22.89') NARROWLY GRADED SAND (SP); ~95% sand, fine, ~5% fines, non plastic; wet, dark brown and white. S5B (22.89'- 25') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine to

WELL CONSTRUCTION DETAILS



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BORING LOG

WW-MW-203

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
									coarse, ~25% gravel, fine, ~15% fines, non plastic; wet, brown.	
25	S6	5.0	3.5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S6 (25'- 30') SILTY SAND WITH GRAVEL (SM); ~55% sand, fine to coarse, ~25% gravel, fine to coarse, ~20% fines, non plastic; wet, orangey brown and white.	
30									Bottom of borehole at 30.0 feet.	

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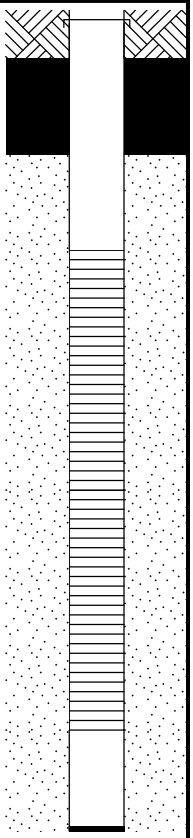
CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 3
WW-MW-204/SB-239

GROUND SURFACE ELEVATION (FT): 10.01 **LOCATION:** Parcel 3
NORTHING: 689021.14 **EASTING:** 641764.23 **TOTAL DEPTH (FT):** 55.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Stacey Ng & Ricky Perryman **DATE START / END:** 7/11/2022 - 7/15/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 5.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					WW-SB-239 (0.5-2)	S1A (0'- 0.5') CONCRETE; FILL, Hand Cleared. S1B (0.5'- 5') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular, ~5% fines, non plastic; dry, tan, FILL.
▽ 5	S2	5.0	3.6	1.8, 14.0, 4.2, 2.0, 0.9, 0.8			PLO	WW-SB-239 (5-7)	S2A (5'- 9.17') SILTY SAND (SM); ~70% sand, fine to medium, ~20% fines, non plastic, ~10% gravel, fine to medium, subangular; slight petroleum-like odor, wet, dark brown to gray, FILL, Slight coating, brick debris. S2B (9.17'- 10') SILTY SAND (SM); ~70% sand, fine to medium, ~20% fines, non plastic, ~10% gravel, fine to medium, subrounded; wet, dark brown to gray, FILL, Lenses.
10	S3	5.0	2.8	0.0, 0.0, 0.0, 0.0, 0.0, 0.0			PLO		S3 (10'- 15') SILTY SAND (SM); ~70% sand, fine to medium, ~30% fines, non-plastic to low plasticity; slight petroleum-like odor, wet, dark brown to gray, FILL.
15	S4	5.0	3	0.0, 0.0, 0.0, 0.0, 0.0, 0.0			PLO		S4A (15'- 16') SANDY SILT (ML); ~50% fines, non plastic, ~40% sand, fine to medium, ~10% gravel, fine; slight petroleum-like odor, wet, gray to brown, FILL. S4B (16'- 16.33') LEAN CLAY WITH SAND (CL); ~75% fines, medium plasticity, ~25% sand, fine to medium; moist, gray to brown, FILL. S4C (16.33'- 20') SILTY SAND (SM); ~50% sand, fine to medium, ~40% fines, non plastic, ~10% gravel, fine; moist, gray to brown.
20	S5	5.0	2	0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S5 (20'- 25') SILTY SAND (SM); ~70% sand, fine to medium, ~25% fines, non plastic, ~5% gravel, fine to medium, subangular; wet, brown.

WELL CONSTRUCTION DETAILS



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ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_10.07.2023.GPJ GEI CONSULTANTS.GDT 10/10/23

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GEI PROJECT NUMBER: 093060-3.5

BORING LOG

WW-MW-204/SB-239

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
25	S6	5.0	3.5	0.1, 0.4, 3.3, 16.0, 32.6, 38.6, 18.0			PLO		S6 (25'- 30') WIDELY GRADED SAND (SW); ~85% sand, fine to medium, ~10% gravel, medium to coarse, subangular, ~5% fines, non plastic; moderate petroleum-like odor, wet, brown.	
30	S7	5.0	3.6	4.7, 35.0, 15.1, 8.3, 3.5, 50.6			CLO		S7A (30'- 32.08') SILTY SAND (SM); ~70% sand, fine, ~25% fines, non plastic, ~5% gravel, fine to medium, subangular; moderate chemical-like odor, wet, brown.	
							MLO		S7B (32.08'- 35') SILTY SAND (SM); ~70% sand, fine to medium, ~25% fines, non plastic, ~5% gravel, fine to medium, subangular; moderate musty-like odor, wet, brown to orange.	
35	S8	5.0	3.3	19.9, 8.1, 110.7, 56.5, 30.5, 66.9			MLO		S8 (35'- 40') SILTY SAND (SM); ~70% sand, fine to medium, ~25% fines, non plastic, ~5% gravel, fine to medium, subangular; moderate musty-like odor, moist, brown, Slight staining.	
40	S9	5.0	3.4	15.1, 48.5, 18.9, 19.7, 57.5			MLO		S9A (40'- 41.32') SANDY SILT (ML); ~75% fines, non plastic, ~25% sand, fine; slight musty-like odor, moist, brown.	
							MLO		S9B (41.32'- 45') NARROWLY GRADED SAND (SW); ~90% sand, medium to coarse, ~5% gravel, medium to coarse, subrounded, ~5% fines, non plastic; moderate musty-like odor, moist, brown to light brown.	
45	S10	5.0	4	26.9, 17.5, 2.6, 2.1, 0.0, 0.0, 0.0			MLO		S10A (45'- 46.25') SANDY SILT (ML); ~75% fines, non plastic, ~25% sand, fine; moderate musty-like odor, moist, brown. S10B (46.25'- 50') CLAYED SILT (CL-ML); ~100% fines, medium plasticity; moist, brown.	
50	S11	5.0	3.6	0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S11 (50'- 55') CLAYED SILT (CL-ML); ~100% fines, medium plasticity; moist, brown.	

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GEI PROJECT NUMBER: 093060-3.5

BORING LOG

WW-MW-204/SB-239

DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN FT.	SAMPLE INFO: REC FT.	SAMPLE INFO: PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
55								WW-SB-239 (54-55)	Bottom of borehole at 55.0 feet. Monitoring well WW-MW-04 was installed at this location	

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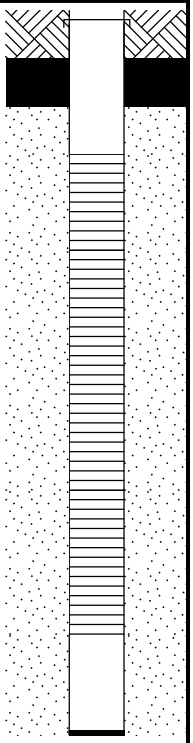
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CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 2
WW-MW-205

GROUND SURFACE ELEVATION (FT): 9.41 **LOCATION:** Parcel 3
NORTHING: 689068.89 **EASTING:** 641457.19 **TOTAL DEPTH (FT):** 40.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Stacey Ng & Ricky Perryman **DATE START / END:** 8/9/2022 - 8/9/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 5.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					WW-MW-205 (0-5)	S1A (0'- 0.5') CONCRETE; FILL, Hand cleared. S1B (0.5'- 5') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine to medium, ~25% gravel, fine to coarse, subrounded, ~15% fines, non plastic; dry, light brown, FILL.
▽ 5	S2	5.0	3	9.7, 3.1, 28.1, 110.2, 189.2			NLO	WW-MW-205 (5-10)	S2 (5'- 10') WIDELY GRADED GRAVEL WITH SILT AND SAND (GW-GM); ~60% gravel, fine to coarse, ~30% sand, fine, ~10% fines, non plastic; moderate naphthalene-like odor, moist, FILL, Staining and sheens.
10	S3	5.0	3.3	151.0, 65.3, 86, 134.8, 107.1			NLO	WW-MW-205 (10-15)	S3A (10'- 13.93') SANDY SILT WITH GRAVEL (ML); ~45% fines, non plastic, ~35% sand, fine, ~20% gravel, fine to coarse; strong naphthalene-like odor, wet, dark gray, FILL, NAPL coated and sheens. S3B (13.93'- 15') CRUSHED BOULDER; dry, gray, FILL.
15	S4	5.0	1	0.7, 1.9, 2.8			NLO		S4 (15'- 20') CRUSHED BOULDER; slight naphthalene-like odor, FILL, Wood fragments.
20	S5	5.0	2.5	7.6, 7.2, 2.8, 1.3			NLO		S5A (20'- 24') SILTY SAND (SM); ~65% sand, fine to medium, ~25% fines, non-plastic to low plasticity, ~10% gravel, fine; slight naphthalene-like odor, wet, tan.

WELL CONSTRUCTION DETAILS



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CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG

PAGE 2 of 2

WW-MW-205

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
									S5B (24'- 25') BOULDER; dry, gray.	
25	S6	5.0	2.4	1.2, 1.0, 0.9, 0.9, 2.4			NLO		S6 (25'- 30') SILTY SAND (SM); ~65% sand, fine to medium, ~25% fines, non-plastic to low plasticity, ~10% gravel, fine; slight naphthalene-like odor, wet, brown, Wood fragments.	
30	S7	5.0	2.5	0.0, 0.0, 0.0, 0.0					S7A (30'- 32.2') WIDELY GRADED SAND WITH SILT (SW-SM); ~90% sand, fine to coarse, ~10% fines, non plastic; wet, gray.	
									S7B (32.2'- 35') WIDELY GRADED SAND WITH SILT (SW-SM); ~90% sand, fine to coarse, ~10% fines, non plastic; wet, brown.	
35	S8	5.0	2.5	0.0, 0.0, 0.0, 0.0				WW-MW-205 (35-40)	S8 (35'- 40') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% fines, non plastic; wet, brown.	
40									Bottom of borehole at 40.0 feet. Monitoring well WW-MW-205 was installed approximately 5-ft offset from original location	

NOTES:

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ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_10.07.2023.GPJ GEI CONSULTANTS.GDT 10/10/23

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GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 1
WW-MW-205/REF

GROUND SURFACE ELEVATION (FT): _____ **LOCATION:** Parcel 3
NORTHING: _____ **EASTING:** _____ **TOTAL DEPTH (FT):** 15.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Stacey Ng & Ricky Perryman **DATE START / END:** 7/18/2022 - 7/22/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 5.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					S1A (0'- 0.5') CONCRETE; FILL, Hand cleared. S1B (0.5'- 5') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine to medium, ~25% gravel, fine to coarse, subrounded, ~15% fines, non plastic; dry, light brown, FILL.
▽ 5	S2	5.0	1.6	0.0, 0.0, 12.4				S2A (5'- 8.13') SILTY SAND WITH GRAVEL (SM); ~45% sand, fine to medium, ~40% gravel, medium to coarse, subangular, ~15% fines, non plastic; wet, dark brown, FILL.
							NLO	S2B (8.13'- 10') SILTY SAND WITH GRAVEL (SM); ~45% sand, fine to medium, ~40% gravel, medium to coarse, subangular, ~15% fines, non plastic; slight naphthalene-like odor, wet, black, FILL, Trace sheens and blebs.
10	S3	5.0	1	586.1, 560.0, 124.2			NLO	S3 (10'- 15') NARROWLY GRADED GRAVEL WITH SAND (GP); ~55% gravel, medium to coarse, subangular, ~40% sand, coarse, ~5% fines, non plastic; strong naphthalene-like odor, wet, dark brown, FILL, NAPL saturated and sheens.
15								Bottom of borehole at 15.0 feet. Refusal at 15', driller states it feels like steel

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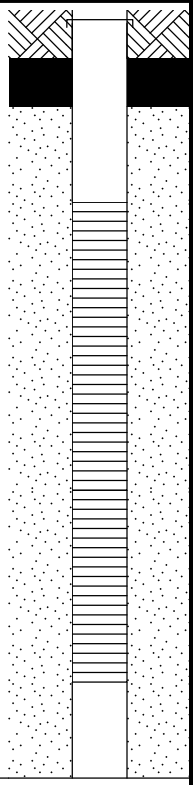
CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 1
WW-MW-206/SB-203

GROUND SURFACE ELEVATION (FT): 9.84 **LOCATION:** Parcel 3
NORTHING: 688938.96 **EASTING:** 641618.84 **TOTAL DEPTH (FT):** 16.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Bosede Akereyeni **DATE START / END:** 9/27/2022 - 9/30/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 5.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	3					S1A (0'- 0.3') ASPHALT; FILL, Hand cleared. S1B (0.3'- 5') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~60% sand, fine to coarse, ~30% gravel, fine to coarse, ~10% fines, non plastic; moist, brown to dark brown, FILL, Cobble and brick fragments.
▽ 5	S2	5.0	2.2	0.0, 0.1, 0.8, 3.4				S2A (5'- 8.18') WIDELY GRADED GRAVEL WITH SAND (GW-GM); ~70% gravel, fine to coarse, ~25% sand, fine to coarse, ~5% fines, non plastic; wet, black brown, FILL.
							NLO	S2B (8.18'- 10') SILTY SAND (SM); ~60% sand, fine to coarse, ~30% fines, low to medium plasticity, ~10% gravel, fine to coarse; moderate naphthalene-like odor, wet, black, FILL, Slight sheens.
10	S3	6.0	2.7	146, 94, 19.5, 17			NLO	S3 (10'- 16') SILTY SAND (SM); ~50% sand, fine to coarse, ~40% fines, non plastic, ~10% gravel, fine to coarse; moderate naphthalene-like odor, wet, black to grayish brown, FILL, Staining, sheens, and blebs.
15								Bottom of borehole at 16.0 feet. Monitoring well WW-MW-06 was installed at this location

WELL CONSTRUCTION DETAILS



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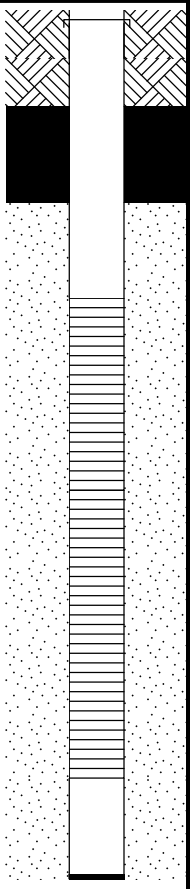
CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.5

BORING LOG
PAGE 1 of 1
WW-MW-207/SB-217

GROUND SURFACE ELEVATION (FT): 11.15 **LOCATION:** Parcel 4
NORTHING: 689172.73 **EASTING:** 641311.34 **TOTAL DEPTH (FT):** 19.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Bosede Akereyeni **DATE START / END:** 9/28/2022 - 9/30/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 10.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5					S1A (0'- 0.2') TOPSOIL; FILL. S1B (0.2'- 5') WIDELY GRADED GRAVEL WITH SILT AND SAND (GW-GM); ~70% gravel, fine to coarse, ~20% sand, fine to coarse, ~10% fines, non plastic; dry, brown, FILL.
5	S2	5.0	0					S2 (5'- 10') FILL, NO RECOVERY.
10 ▽	S3	5.0	0					S3 (10'- 15') CONCRETE; FILL.
15	S4	4.0	3	260, 237, 424, 617, 767			NLO	S4A (15'- 17') SILTY SAND WITH GRAVEL (SM); ~50% sand, fine to coarse, ~30% gravel, fine to coarse, ~20% fines, non plastic; strong naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. Staining, wood and cement debris. S4B (17'- 19') SILTY GRAVEL WITH SAND (GM); ~40% gravel, fine to coarse, ~30% sand, fine to coarse, ~30% fines, non-plastic to low plasticity; strong naphthalene-like odor, wet, black, FILL, Naphthalene-like odor mixed with petroleum-like odor. NAPL Saturation, debris. Bottom of borehole at 19.0 feet. 2" and 1-3" pipe and rebar encountered, Monitoring well WW-MW-07 was installed at this location

WELL CONSTRUCTION DETAILS



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CITY/STATE: Brooklyn, New York
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BORING LOG

WW-MW-207/SB-217 REF

GROUND SURFACE ELEVATION (FT): _____ **LOCATION:** Parcel 4
NORTHING: _____ **EASTING:** _____ **TOTAL DEPTH (FT):** 2.80
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Bosede Akereyeni **DATE START / END:** 9/28/2022 - 9/30/2022
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC FT.	STRATA	VISUAL IMPACTS	SOIL / BEDROCK DESCRIPTION
0	S1	2.8	2.8			S1A (0'- 0.2') CONCRETE; FILL, Hand cleared, rebar. S1B (0.2'- 1.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~60% sand, fine to coarse, ~35% gravel, fine to coarse, ~5% fines, non plastic; dry, black brown, FILL, Cobbles up to 3", rebar. S1C (1.8'- 2.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~60% sand, fine to coarse, ~35% gravel, fine to coarse, ~5% fines, non plastic; dry, black brown, FILL, 2" pipe and 1-3" pipes and rebar. Bottom of borehole at 2.8 feet.

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ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_10.07.2023.GPJ GEI CONSULTANTS.GDT 10/10/23

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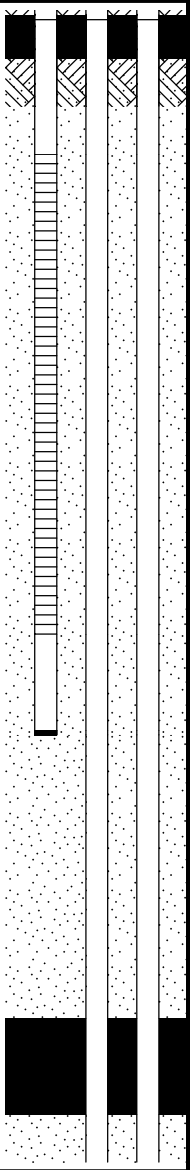
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PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.13

BORING LOG
PAGE 1 of 3
WW-MW-208D

GROUND SURFACE ELEVATION (FT): 6.51 **LOCATION:** Parcel 6
NORTHING: 689418.045 **EASTING:** 641430.627 **TOTAL DEPTH (FT):** 65.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Nicole Adrion **DATE START / END:** 6/4/2025 - 6/5/2025
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 4.50

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5	0.0, 0.0, 0.0, 0.0, 0.0					S1 (0'- 5') SANDY SILT WITH GRAVEL (ML); ~45% fines, non plastic, ~40% sand, fine, ~15% gravel, fine, subangular; dry to moist, dark brown, FILL, brick fragments and a wood layer encountered at bottom of hole.
5	S2	5.0	3.6	15000, 15000, 15000, 815.2			PLO	WW-MW-208 (5-8)	S2A (5'- 5.83') SANDY ELASTIC SILT (MH); ~55% fines, low to medium plasticity, ~40% sand, fine, ~5% gravel, fine, subangular; moderate petroleum-like odor, wet, grayish brown, FILL, brick fragments.
							PLO		S2B (5.83'- 10') NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP); ~65% sand, fine, ~25% gravel, fine, subangular, ~10% fines, non plastic; strong petroleum-like odor, wet, black, FILL, staining and sheens.
10	S3	10.0	10.3	11.1, 9.2, 42, 7.8, 36, 4.4, 11.3, 7.1, 14.2			PLO		S3A (10'- 12.04') SANDY ELASTIC SILT (MH); ~55% fines, low to medium plasticity, ~40% sand, fine, ~5% gravel, fine, subrounded; moderate petroleum-like odor, wet, grayish-black, FILL, mottled coloring, brick fragments.
15							PLO		S3B (12.04'- 20') SILTY SAND (SM); ~50% sand, fine, ~30% fines, low to medium plasticity, ~20% gravel, fine, subangular; moderate petroleum-like odor, wet, black, staining.
20	S4	10.0	8.7	10.6, 3.9, 2.1, 1.5, 5.6, 1.0, 1.0, 1.0, 1.0, 1.0			PLO		S4A (20'- 23.33') SILTY SAND (SM); ~50% sand, fine, ~30% fines, low to medium plasticity, ~20% gravel, fine, subangular; moderate petroleum-like odor, wet, black, staining.
									S4B (23.33'- 28.16') SILTY SAND (SM);

WELL CONSTRUCTION DETAILS



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BORING LOG

WW-MW-208D

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
25									~80% sand, fine, ~15% fines, non plastic, ~5% gravel, fine, subangular; wet, gray light brown.	
30	S5	10.0	6.8	1.2, 1.2, 1.2, 1.2, 1.2, 1.2, 1.2, 1.2				WW-MW-208 (30-32)	S4C (28.16'- 30') WIDELY GRADED SAND (SW); ~85% sand, fine to coarse, ~10% gravel, fine, subangular, ~5% fines, non plastic; wet, light brown. S5A (30'- 31.02') WIDELY GRADED SAND (SW); ~85% sand, fine to coarse, ~10% gravel, fine, ~5% fines, non plastic; wet, light brown. S5B (31.02'- 40') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% gravel, fine; wet, light brown.	
35										
40	S6	10.0	9.2	1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4					S6 (40'- 50') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% gravel, fine; wet, light brown.	
45										
50	S7	10.0	9.1	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,				WW-MW-208 (55-57)	S7 (50'- 60') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% gravel, fine; wet, light brown.	

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BORING LOG
PAGE 3 of 3
WW-MW-208D

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
55				0.0						
60	S8	5.0	5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S8A (60'- 61.8') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% gravel, fine; wet, light brown. S8B (61.8'- 65') LEAN CLAY (CL); ~100% fines, medium plasticity; moist, red.	
65									Bottom of borehole at 65.0 feet.	

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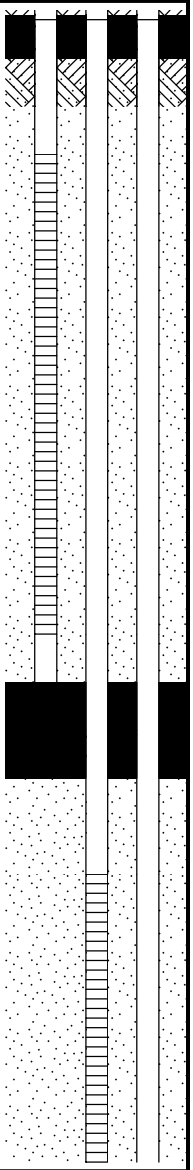
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GEI PROJECT NUMBER: 093060-3.13

BORING LOG
PAGE 1 of 2
WW-MW-209D

GROUND SURFACE ELEVATION (FT): 8.54 **LOCATION:** Parcel 6
NORTHING: 689139.324 **EASTING:** 641762.103 **TOTAL DEPTH (FT):** 46.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Nicole Adrion **DATE START / END:** 6/2/2025 - 6/4/2025
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 5.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5	0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S1A (0'- 0.4') CONCRETE; gray, FILL. S1B (0.4'- 2.5') SILT WITH SAND (ML); ~60% fines, non plastic, ~25% sand, fine, ~15% gravel, fine, subangular; dry, dark brown, FILL, brick fragments. S1C (2.5'- 4') SILTY SAND (SM); ~70% sand, fine, ~25% fines, non plastic, ~5% gravel, fine, subangular; dry, light brown, FILL, brick fragments. S1D (4'- 5') SANDY SILT (ML); ~70% fines, non plastic, ~25% sand, fine, ~5% gravel, fine, subangular; moist, brown gray, FILL.
5 ▽	S2	5.0	3.2	0.0, 0.0, 0.0, 0.0, 0.0, 0.0				WW-MW-209 (7-9)	S2A (5'- 6.25') SILTY SAND (SM); ~75% sand, fine, ~20% fines, non plastic, ~5% gravel, medium, subangular; wet, dark brown, FILL, brick and asphalt frags. S2B (6.25'- 10') NARROWLY GRADED SAND WITH SILT (SP-SM); ~85% sand, fine, ~10% fines, non plastic, ~5% gravel, medium, subrounded; wet, brown.
10	S3	10.0	9.4	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.9, 1.2, 1.3					S3A (10'- 12.87') NARROWLY GRADED SAND WITH SILT (SP-SM); ~85% sand, fine, ~10% fines, non plastic, ~5% gravel, medium, subrounded; wet, brown. S3B (12.87'- 15.21') SILTY SAND (SM); ~75% sand, fine to medium, ~20% fines, non plastic, ~5% gravel, fine to medium, subangular; wet, brown, black staining.
15									S3C (15.21'- 18.29') LEAN CLAY (CL); ~100% fines, medium plasticity; moist, gray, sweet like odor at 17'. S3D (18.29'- 20') SILT WITH SAND (ML); ~80% fines, non plastic, ~20% sand, fine; wet, gray brown, sweet odor.
20	S4	10.0	7.5	0.0, 0.0, 0.0, 0.0, 0.0, 3.3, 2.7, 30.8 54.8, 107				WW-MW-209 (26-28)	S4A (20'- 21.6') SILT WITH SAND (ML); ~80% fines, non plastic, ~20% sand, fine; wet, gray, blue mottled, sweet odor. S4B (21.6'- 24.66') SANDY SILT (ML); ~60% fines, non plastic, ~35% sand, fine to medium, ~5% gravel; wet, brown, faint sweet odor.

WELL CONSTRUCTION DETAILS



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WW-MW-209D

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
25							PLO		S4C (24.66'- 30') SANDY SILT (ML); ~45% sand, fine to medium, ~45% fines, non plastic, ~10% gravel, subrounded; moderate petroleum-like odor, wet, dark brown, petroleum-like odor mixed with naphthalene-like odor.	
30	S5	10.0	8.1	8.9, 32.8, 12.6, 17.9, 12, 1.8, 3.2, 29.2, 12.5, 1.0			PLO		S5A (30'- 31.48') SILTY SAND (SM); ~80% sand, fine to coarse, ~20% fines, non plastic; moderate petroleum-like odor, wet, brown, petroleum-like odor mixed with naphthalene-like odor.	
							NLO		S5B (31.48'- 34.69') WIDELY GRADED SAND (SW); ~100% sand, fine to coarse; moderate naphthalene-like odor, wet, brown.	
35									S5C (34.69'- 40') NARROWLY GRADED SAND (SP); ~100% sand, fine; moist, brown.	
40	S6	6.0	6	8.9, 1.5, 0.0, 0.0, 0.0			NLO	WW-MW-209 (40-43)	S6A (40'- 42.1') NARROWLY GRADED SAND (SP); ~95% sand, medium to coarse, ~5% fines, non plastic; slight naphthalene-like odor, wet, brown.	
									S6B (42.1'- 44.1') NARROWLY GRADED SAND (SP); ~85% sand, fine, ~5% fines, non plastic; moist, dark brown.	
45									S6C (44.1'- 46') LEAN CLAY (CL); ~100% fines, medium plasticity; moist, red dark brown.	
									Bottom of borehole at 46.0 feet.	

DRAFT

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_06.2025.GPJ GEI CONSULTANTS.GDT 10/21/25

GEI Consultants, Inc., P.C.
455 Winding Brook Drive
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.13

BORING LOG
PAGE 1 of 3
WW-MW-210D

GROUND SURFACE ELEVATION (FT): 10.39 **LOCATION:** Parcel 6
NORTHING: 688943.897 **EASTING:** 641989.032 **TOTAL DEPTH (FT):** 70.00
DRILLED BY: ADT / Tony Palomegue **DATUM VERT. / HORZ.:** NAVD 1988 / NAD83
LOGGED BY: Alina Salaiz & Nicole Adrion **DATE START / END:** 6/3/2025 - 6/6/2025
DRILLING DETAILS: Sonic Coring / Sonic XL Max / Core Size: 120 in. / Core Type: Sonic
WATER LEVEL DEPTHS (FT): ▽ 9.13

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0	S1	5.0	5	0.1, 0.5, 0.0, 0.0, 6.1, 1.7					S1A (0'- 0.4') CONCRETE; gray, FILL. S1B (0.4'- 2.5') BRICK LAYER; red, FILL.
							PLO		S1C (2.5'- 3') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine, ~25% fines, non plastic, ~15% gravel, fine to medium; dry, brown, FILL, brick fragments.
5	S2	5.0	4.6	93.2, 333.7, 603.7, 74.3, 109.9, 240.2			PLO	WW-MW-210 (5-8)	S1D (3'- 5') NARROWLY GRADED SAND (SP); ~95% sand, coarse, ~5% fines, non plastic; moderate petroleum-like odor, wet, brown, FILL, brick fragments. S2A (5'- 5.87') ASPHALT; moderate petroleum-like odor, dry, black, FILL, staining and sheens.
							PLO		S2B (5.87'- 9.13') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine, ~25% fines, non plastic, ~15% gravel, fine, subangular; moderate petroleum-like odor, dry, brown.
							PLO		S2C (9.13'- 10') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine, ~25% fines, non plastic, ~15% gravel, fine, subangular; moderate petroleum-like odor, wet, brown.
10	S3	10.0	9.4	0.0, 0.0, 5.4, 10.2, 4.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S3A (10'- 13.51') WIDELY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to coarse, ~10% fines, non plastic; wet, brown.
							PLO		S3B (13.51'- 14.25') NARROWLY GRADED SAND (SP); ~100% sand, fine; moist, gray.
15							PLO		S3C (14.25'- 14.88') SANDY LEAN CLAY (CL); ~60% fines, medium plasticity, ~30% sand, fine; slight petroleum-like odor, moist, gray brown. S3D (14.88'- 18.92') SANDY LEAN CLAY (CL); ~60% fines, medium plasticity, ~30% sand, fine; slight petroleum-like odor, moist, gray brown.
							PLO		S3E (18.92'- 20') SANDY LEAN CLAY (CL); ~60% fines, medium plasticity, ~30% sand, fine; slight petroleum-like odor, moist, black.
20	S4	10.0	9.4	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0					S4A (20'- 25.32') SANDY LEAN CLAY (CL); ~55% fines, medium plasticity, ~45% sand, fine; wet, brown.

WELL CONSTRUCTION DETAILS

DRAFT

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

ENVIRONMENTAL BORING LOG COMBINED BORING LOGS_WILLIAMSBURG_06.2025.GPJ GEI CONSULTANTS.GDT 10/21/25

GEI Consultants

GEI Consultants, Inc., P.C.
455 Winding Brook Drive
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.13

BORING LOG

WW-MW-210D

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
25									S4B (25.32'- 30') LEAN CLAY WITH SAND (CL); ~80% fines, medium plasticity, ~20% sand, fine; moist, brown.	
30	S5	10.0	10.1	0.0, 0.0, 0.0, 0.0, 0.0, 0.4, 9.0, 122.9, 35.0				WW-MW-210 (36-38)	S5A (30'- 36.23') LEAN CLAY WITH SAND (CL); ~80% fines, medium plasticity, ~15% sand, fine to medium, ~5% gravel, subrounded; wet, brown.	
35							NLO		S5B (36.23'- 40') NARROWLY GRADED SAND (SP); ~100% sand, fine to medium; slight naphthalene-like odor, moist, brown.	
40	S6	10.0	8	8.1, 6.2, 5.5, 11.8, 7.8, 6.3, 50.4			OLO		S6A (40'- 41') NARROWLY GRADED SAND (SP); ~100% sand, fine to medium; slight organic-like odor, moist, brown, coating and sheens. S6B (41'- 50') NARROWLY GRADED SAND (SP); ~100% sand, fine to medium; slight organic-like odor, moist, brown.	
45							OLO			
50	S7	10.0	9.6	7.0, 4.6, 0.9, 1.2, 0.4, 0.4, 0.4, 0.4			OLO	WW-MW-210 (51-55)	S7A (50'- 54.38') SANDY LEAN CLAY (CL); ~50% sand, fine, ~50% fines, medium plasticity; slight organic-like odor, wet, brown.	

DRAFT

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

GEI Consultants, Inc., P.C.
455 Winding Brook Drive
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Williamsburg
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 093060-3.13

BORING LOG
PAGE 3 of 3
WW-MW-210D

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC FT.	PID (ppm)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
55							OLO		S7B (54.38'- 56.26') ELASTIC SILT (MH); ~100% fines, low to medium plasticity; moist, brown. S7C (56.26'- 60') NARROWLY GRADED SAND (SP); ~100% sand, fine to medium; moist, brown.	
60	S8	10.0	10.2	0.3, 0.3, 0.3, 0.3, 0.3, 0.3, 0.3, 0.3					S8 (60'- 70') LEAN CLAY (CL); ~100% fines, medium plasticity; wet, red.	
65										
70									Bottom of borehole at 70.0 feet.	

DRAFT

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

URS Corporation

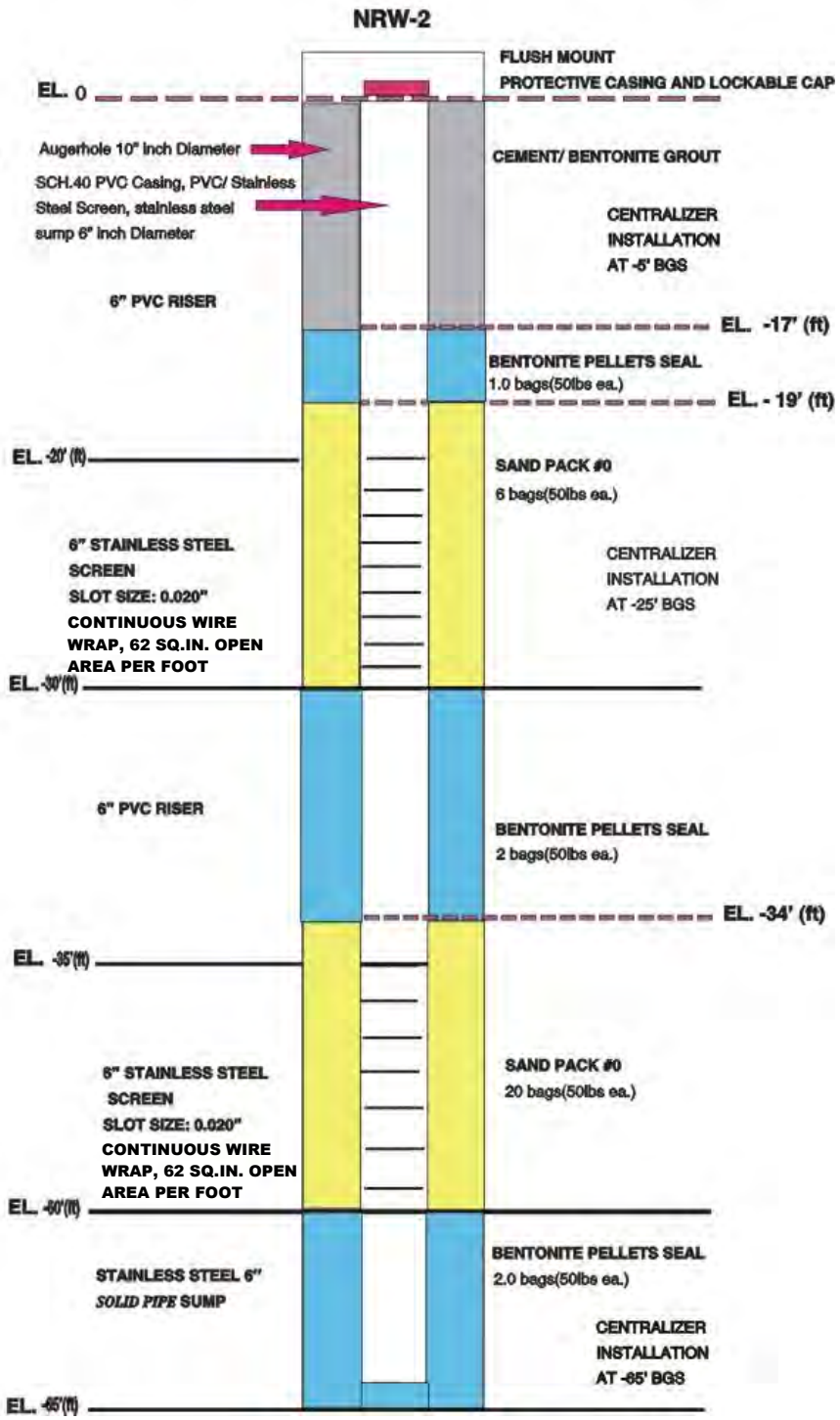
Client: National Grid

Location: 50 Kent Ave.,
Williamsburg, Brooklyn, New York
Project No.11176638.00019

DRILLING SUMMARY

GEOLOGIST: ANDREAS PAPANEOCLEOUS
DRILLING COMPANY: CASCADE
DRILLER: JOHN GRAGLIA
DRILLING RIG TYPE: SONIC
DATE: 03-17-2014

Recovery Well Construction Details



URS Corporation

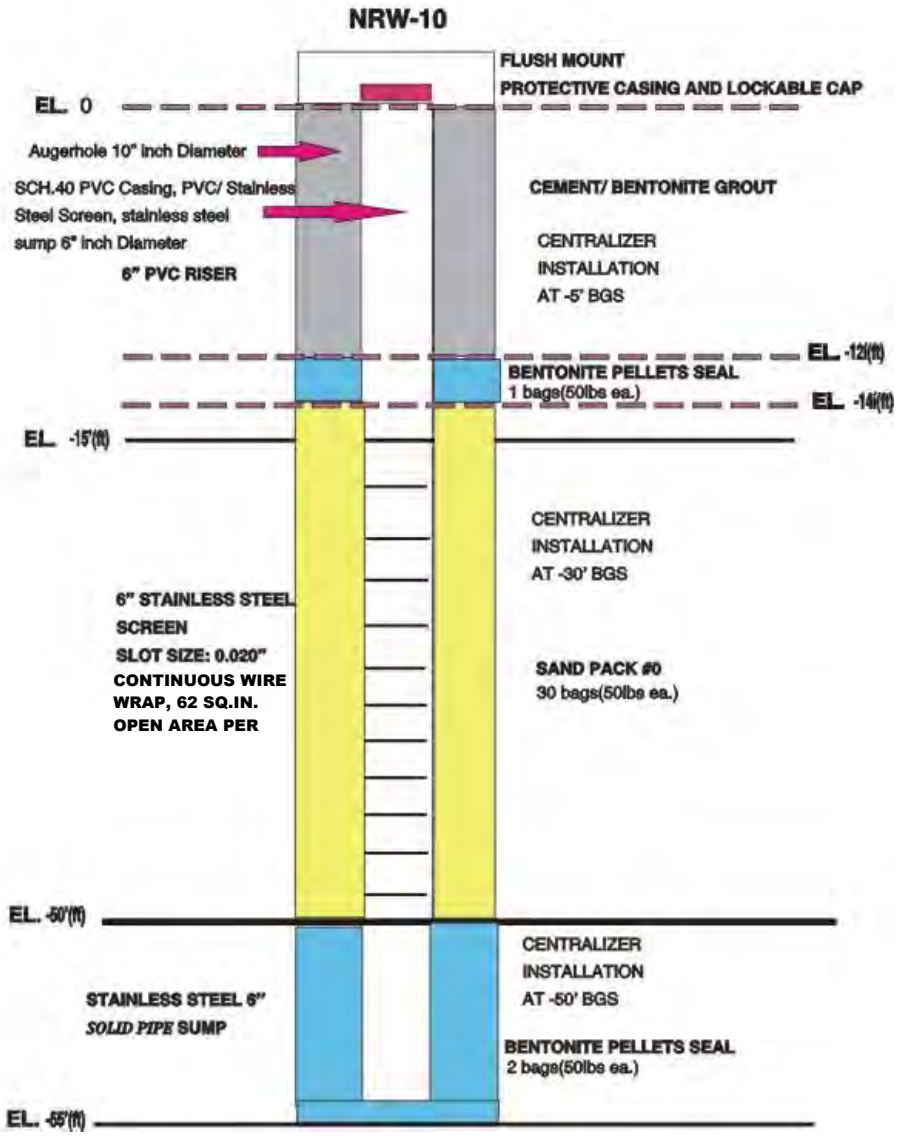
Client: National Grid

Location: 50 Kent Ave.,
Williamsburg, Brooklyn, New York
Project No.11176638.00019

DRILLING SUMMARY

GEOLOGIST: ANDREAS PAPANEOCLEOUS
DRILLING COMPANY: CASCADE
DRILLER: JOHN GRAGLIA
DRILLING RIG TYPE: SONIC
DATE: 03-20-2014

Recovery Well Construction Details



DRILLING SUMMARY

Geologist:
M. Dascoli

Drilling Company:
ADT

Driller:
G. Rivera

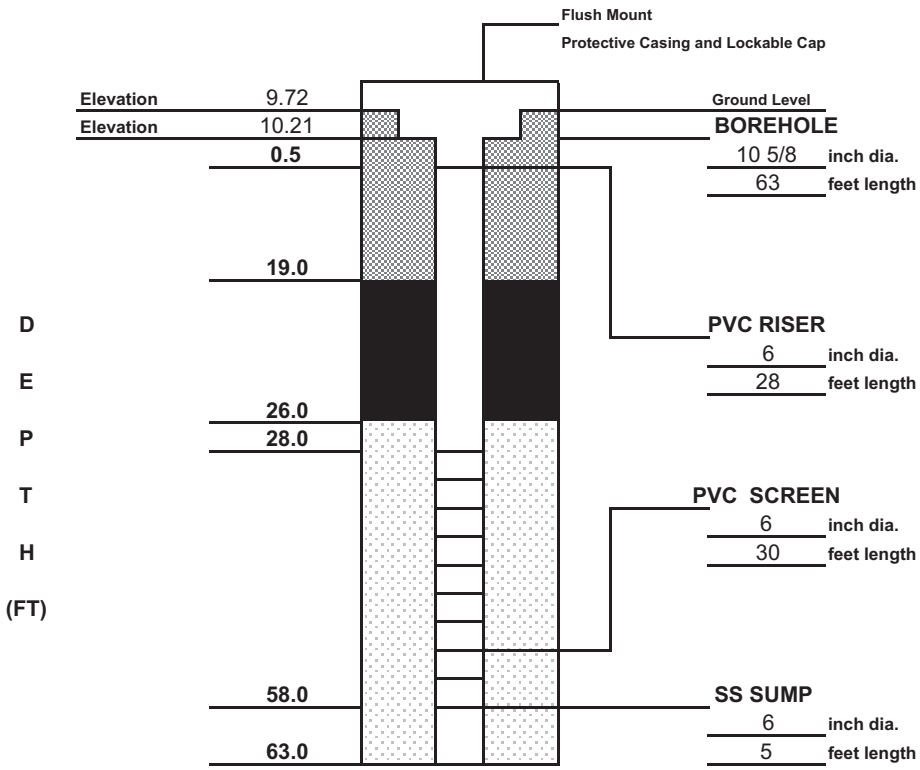
Rig Make/Model:
Fraste Sonic XL Max 250 MS

Date:
3/24/17

GEOLOGIC LOG

Depth(ft.)	Description
	See Boring Log for Lithologic Description.

WELL DESIGN



CASING MATERIAL

Surface: 12" Flush mount

Riser: 6" Schedule 40 PVC

SCREEN MATERIAL

Type: 6" Continuous Wrap Stainless Steel

Slot Size: 0.020"

FILTER MATERIAL

Type: #0 Sand **Setting:** 26.0-63.0 ft

SEAL MATERIAL

Type: Bentonite Chips **Setting:** 19.0-26.0 ft

COMMENTS:

LEGEND

Concrete

Bentonite

Silica Sandpack

Client: National Grid	**Williamsburg Works** **Former MGP Site**	**Project No.:** J1144
Sevenson	**MONITORING WELL CONSTRUCTION DETAILS**	**Well Number:** NRW-11R

URS Corporation

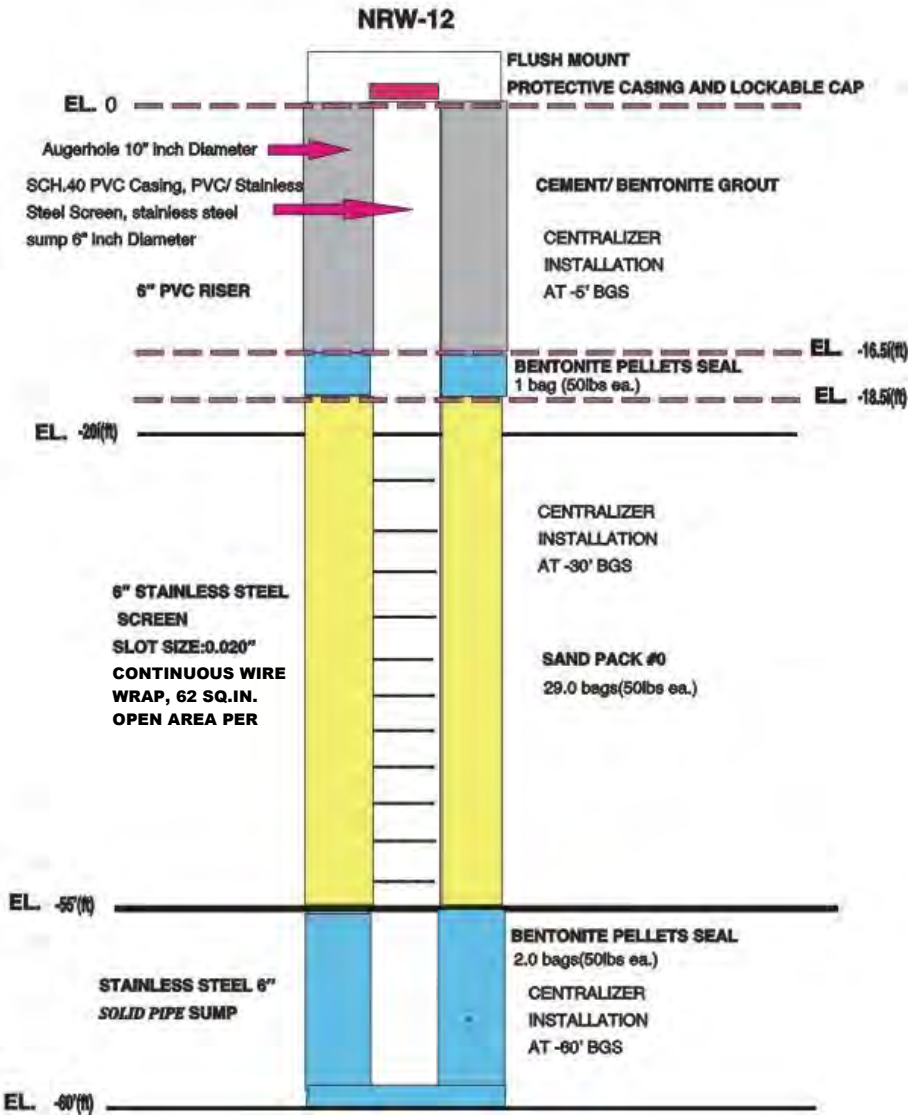
Client: National Grid

Location: 50 Kent Ave.,
Williamsburg, Brooklyn, New York
Project No.11176638.00019

DRILLING SUMMARY

GEOLOGIST: ANDREAS PAPANEOCLEOUS
DRILLING COMPANY: CASCADE
DRILLER: JOHN GRAGLIA
DRILLING RIG TYPE: SONIC
DATE: 03-27-2014

Recovery Well Construction Details



URS Corporation

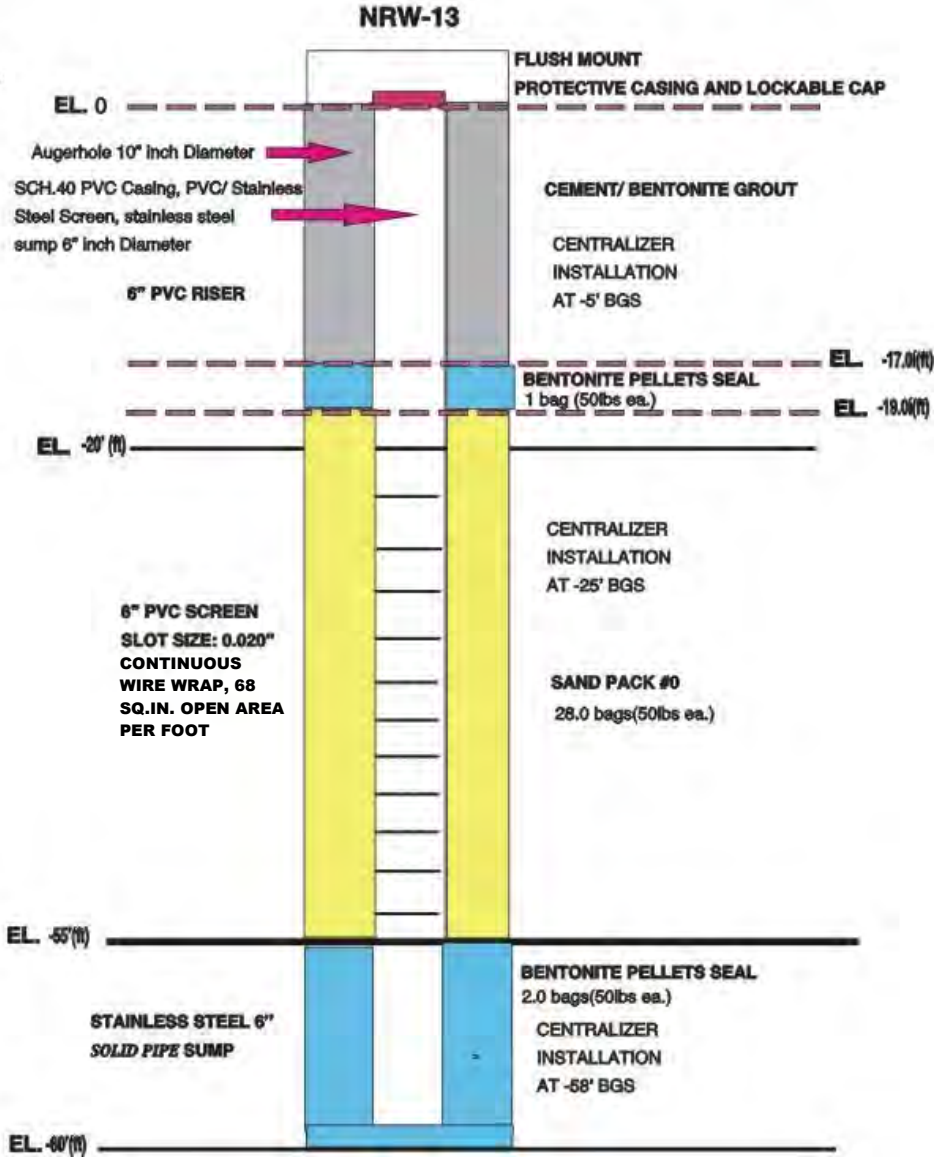
Client: National Grid

Location: 50 Kent Ave.,
Williamsburg, Brooklyn, New York
Project No.11176638.00019

Recovery Well Construction Details

DRILLING SUMMARY

GEOLOGIST: ANDREAS PAPANEOCLEOUS
DRILLING COMPANY: CASCADE
DRILLER: JOHN GRAGLIA
DRILLING RIG TYPE: SONIC
DATE: 03-28-2014



Appendix G
Monitoring Well Sampling Field Forms

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WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage	Project No: 602541	Page 1 of 1
Well ID CT-01	Date 9/29/25	Time 0755
Well Site Description Good, Sealed on Citistorage footprint		
Weather/Temp 67°F Cloudy		
Field Technician S. Arnold, E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) 5-20
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 20.07	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 10.25
Product column height (ft) N/A	Water column height (ft) 9.82
Product volume (Gallons) N/A	Water volume (Gallons) 1.60 gal

PURGE INFORMATION

Pump Type / ID Peri pump (15906)		Water Quality Meter Type / ID Horiba (U-71190)
Pump Intake Depth (ft) 15		Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 0831		Appearance/Odor (Start) Clear, strong HC odor
Purge End Time 0901		Appearance/Odor (End) Clear, strong HC odor
Average Purge Rate (mL/min) 625		Total Drawdown (ft) 0.04
Well Went Dry (Y/N)	Stop Time 0901 (0903) N/A	Volume removed (L) N/A
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) ~20 L		Total Pump Time (min) 0825 / 30

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
9/29/25	0836	625	3.125	6.55	1.56	20.36	34	63.9	4.43	10.28
9/29/25	0841	625	6.25	6.63	1.56	19.96	9	8.5	1.91	10.30
9/29/25	0846	625	9.375	6.70	1.55	19.85	-4	0.0	0.11	10.29
9/29/25	0851	625	12.5	6.73	1.54	19.78	-12	0.0	0.00	10.29
9/29/25	0856	625	15.625	6.77	1.53	19.75	-17	0.0	0.00	10.29
9/29/25	0901	625	18.75	6.78	1.53	19.72	-21	0.0	0.00	10.29

COMMENTS PID = 397.3 ppm

(2)

SAMPLE COLLECTION

Sample Date ~~9/29~~ 9/29/25	Sample Time 0903
Sample ID 224341-MW-CT-01-~~20250929~~ (2) 20250929	
QA/QC Collected / ID N/A	Sample Appearance/Odor Clear / strong HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1-4 dioxane	
Sampler S. Arnold	Signature S. Arnold

WELL PURGING AND SAMPLING RECORD

Site Name/Location Liti Strunge	Project No: 1602541	Page	of
Well ID MW-CT-02	Date 10/6/25	Time 0825	
Well Site Description Good, Secured			
Weather/Temp 63° Sunny			
Field Technician E. Beardsley			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.56gs	Screened Interval (ft bgs) ~~bgs~~ 5-20
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 20.41	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 9.67
Product column height (ft) N/A	Water column height (ft) 10.74
Product volume (Gallons) N/A	Water volume (Gallons) 1.75

PURGE INFORMATION

Pump Type / ID Peristaltic pump (15906)	Water Quality Meter Type / ID YSI Pro (21585)
Pump Intake Depth (ft) 17	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0855	Appearance/Odor (Start) clear, strong HC odor
Purge End Time 0940	Appearance/Odor (End) clear, strong HC odor
Average Purge Rate (mL/min) 500	Total Drawdown (ft) 0.05
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/6/25	0900	500	2.5	7.17	0.868	18.09	-101	44.0	5.33	9.72
10/6/25	0905	500	5.0	7.20	0.815	18.19	-129	12.3	4.12	9.72
10/6/25	0910	500	7.5	7.22	0.804	18.25	-143	7.1	3.57	9.72
10/6/25	0915	500	10	7.24	0.796	18.32	-169	5.2	2.90	9.72
10/6/25	0920	500	12.5	7.26	0.791	18.41	-195	4.0	1.57	9.72
10/6/25	0925	500	15	7.26	0.786	18.43	-211	2.4	1.39	9.72
10/6/25	0930	500	17.5	7.30	0.786	18.45	-223	2.7	1.01	9.72
10/6/25	0935	500	20	7.31	0.787	18.43	-214	2.5	0.65	9.72
10/6/25	0940	500	22.5	7.31	0.788	18.43	-216	2.0	0.42	9.72

COMMENTS PID = 159.3 ppm

SAMPLE COLLECTION

Sample Date 10/6/2025	Sample Time 0947
Sample ID ~~2521402-MW-CT-02-20251006-GR~~ 2521341-MW-CT-02-20251006	
QA/QC Collected / ID MS/MSD collected	Sample Appearance/Odor clear, strong HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, PFAS, 1,4 dioxane, Hex. Chrome	
Sampler E Beardsley	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Cit. Storage	Project No: 1602541	Page 1 of 1
Well ID MW-CT-03	Date 9/29/25	Time 1012
Well Site Description Good, sealed, on Citi Storage foot print		
Weather/Temp 72°F, pt. Cloudy		
Field Technician S. Arnold, E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 ft bgs	Screened Interval (ft bgs) 6 - 21
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 26.01	Gallons per foot of depth ~~0.38~~ 0.163
Depth to product (ft) N/A	Static water level (ft) 9.73
Product column height (ft) N/A	Water column height (ft) 16.28
Product volume (Gallons) N/A	Water volume (Gallons) 2.65 gal ×3 = 7.96 gal

PURGE INFORMATION

Pump Type / ID Peri pump (15906)		Water Quality Meter Type / ID Horiba (27790)
Pump Intake Depth (ft) 15.5		Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1027		Appearance/Odor (Start) Gray, faint HC odor
Purge End Time 1112		Appearance/Odor (End) Clear, Faint HC odor
Average Purge Rate (mL/min) 600		Total Drawdown (ft) 0.01
Well Went Dry (Y/N)	Stop Time N/A	Volume removed (L) N/A
Recovery Time N/A	Recovery Rate (mL/min) N/A	Restart Purge Time N/A
Total Volume Removed (L) ~27		Total Pump Time (min) 45

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
9/29/25	1032	600	3	7.11	1.89	18.79	-23	234	3.17	9.74
9/29/25	1037	600	6	6.98	2.01	18.68	-17	120	1.58	9.74
9/29/25	1042	600	9	6.96	2.04	18.67	-16	74.1	0.21	~~9.74~~ 9.74
9/29/25	1047	600	12	6.95	2.04	18.70	-16	63.1	0.00	9.74
9/29/25	1052	600	15	6.95	2.03	18.69	-17	57.8	0.00	9.74
9/29/25	1057	600	18	6.95	2.05	18.63	-17	12.4	0.00	9.74
9/29/25	1102	600	21	6.94	2.05	18.68	-18	0.0	0.00	9.74
9/29/25	1107	600	24	6.99	~~1.962~~ 2.04	18.88	-20	0.0	0.00	9.74
9/29/25	1112	600	27	6.97	2.04	18.93	-20	0.00	0.00	9.74

COMMENTS PID = 33.0 ppm

SAMPLE COLLECTION

Sample Date 9/29/25	Sample Time 1114
Sample ID 224341-MW-CT-03-20250929	
QA/QC Collected / ID NA	Sample Appearance/Odor clear, lt. HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1,4-dioxane	
Sampler S. Arnold	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage	Project No: 160541	Page 1 of 1
Well ID MW-CT-04	Date 9/30/25	Time 0853
Well Site Description good sealed on Citi Storage footprint		
Weather/Temp 63° Cloudy		
Field Technician E. Beardslee, S. Arnold		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) 6-21
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 25.38	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) ~~7.58~~ 8.58 EB
Product column height (ft) N/A	Water column height (ft) 17.8
Product volume (Gallons) N/A	Water volume (Gallons) 2.943 = 8.70

PURGE INFORMATION

Pump Type / ID Peri pump (5906)		Water Quality Meter Type / ID Horiba (ZT140)
Pump Intake Depth (ft) 20.00		Flow-Thru Cell Volume (L) 500mL
Purge Start Time 0854		Appearance/Odor (Start) Clear, strong HC odor
Purge End Time 0944		Appearance/Odor (End) Clear, light HC odor
Average Purge Rate (mL/min) 600		Total Drawdown (ft) 0.03
Well Went Dry (Y/N) N	Stop Time N/A	Volume removed (L) N/A
Recovery Time ~	Recovery Rate (mL/min) N/A	Restart Purge Time N/A
Total Volume Removed (L) ~30L		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
9/30/25	859	700	3.5	6.32	0.984	21.70	21	164	0.00	8.40
9/30/25	904	600	6.5	6.39	0.980	21.61	8	79.1	0.00	8.47
9/30/25	909	600	9.5	6.45	0.976	21.51	1	79.0	0.00	8.56
9/30/25	914	600	12.5	6.50	0.979	21.41	-4	74.9	0.00	8.55
9/30/25	919	600	15.5	6.52	0.982	21.36	-6	58.2	0.00	8.55
9/30/25	924	600	18.5	6.55	0.985	21.38	-9	13.9	0.00	8.55
9/30/25	929	600	21.5	6.59	0.988	21.41	-12	24.0	0.00	8.55
9/30/25	934	600	24.5	6.60	0.992	21.42	-13	0.0	0.00	8.55
9/30/25	939	600	27.5	6.61	0.994	21.44	-13	0.0	0.00	8.55
9/30/25	944	600	30.5	6.62	0.997	21.49	-15	0.0	0.00	8.55

COMMENTS PID = 61.4 ppm

SAMPLE COLLECTION

Sample Date 9/30/25	Sample Time 0946
Sample ID 224341-MW-CT-04-20250930	
QA/QC Collected / ID 224341-MW-CT-DUP-~~01~~*	Sample Appearance/Odor Clear / light HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hexchrome, PFAS, 1-4 ~~dioxane~~ EB dioxane	
Sampler E. Beardslee	Signature

* - 20250936

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt / Cato Storage	Project No: 160541	Page 1 of 1
Well ID MW-CT-05	Date 10/3/25	Time 1430
Well Site Description Good		
Weather/Temp 74° F Sunny		
Field Technician A. Faux		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) 6-21
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.) 6inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 26.01	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 6.44
Product column height (ft) N/A	Water column height (ft) 19.57
Product volume (Gallons) N/A	Water volume (Gallons) 3.19

PURGE INFORMATION

Pump Type / ID Geo. / 224458		Water Quality Meter Type / ID Horiba / 21158
Pump Intake Depth (ft) 21.01		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1430		Appearance/Odor (Start) Clear / No odor
Purge End Time 1520		Appearance/Odor (End) Clear / No odor
Average Purge Rate (mL/min) 250		Total Drawdown (ft) 0.27
Well Went Dry (Y/N) N	Stop Time 1520	Volume removed (L) 12.5
Recovery Time 50 min	Recovery Rate (mL/min) 250	Restart Purge Time N/A
Total Volume Removed (L) 12.5		Total Pump Time (min) 50

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
10/3/25	1430	250	0	6.83	1.24	24.33	-147	372	1.66	6.44
	1435	250	1.25	6.07	1.22	23.25	-144	307	0.50	6.51
	1440	250	2.5	5.91	1.24	23.28	-146	292	0.56	6.53
	1445	250	3.75	5.85	1.25	23.45	-148	222	0.42	6.57
	1450	250	5	5.83	1.25	23.72	-150	62.7	0.35	6.70
	1455	250	6.25	5.82	1.25	23.88	-151	37.2	0.31	6.71
	1500	250	7.5	5.80	1.24	24.12	-152	12.4	0.43	6.71
	1505	250	8.75	5.80	1.24	24.27	-153	23.1	0.22	6.71
	1510	250	10	5.80	1.25	24.04	-153	11.3	0.33	6.71
	1515	250	11.25	5.79	1.24	24.07	-154	13.3	0.29	6.71
	1520	250	12.5	5.79	1.24	24.07	-155	13.4	0.28	6.71

COMMENTS 126.8 PID

SAMPLE COLLECTION

Sample Date 10/3/25	Sample Time 1520
Sample ID 224341-MW-CT-05-20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor Clear / No odor
Analyses VOCs, SVOCs, TAL metals, Cyanide, Hexavalent Cr, PFAS, 1,4 Dioxane, PCBs	
Sampler A. Faux	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location CCR Storage		Project No: 102541	Page 1 of 1
Well ID MW-CT-06		Date 10/6/25	Time 1332
Well Site Description ~~Flush~~ Good, sealed			
Weather/Temp 75, sunny			
Field Technician E Beardslee			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.56.5	Screened Interval (ft bgs) Ankarumpa 16-36
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 34.08	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 10.90
Product column height (ft) N/A	Water column height (ft) 23.18
Product volume (Gallons) N/A	Water volume (Gallons) 3.78

PURGE INFORMATION

Pump Type / ID Peri pump (15906)	Water Quality Meter Type / ID Horiba U-52 (1885)
Pump Intake Depth (ft) 30	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1345	Appearance/Odor (Start) Clear, strong HC odor
Purge End Time 1410	Appearance/Odor (End) Cloudy (slightly), strong HC odor
Average Purge Rate (mL/min) 300	Total Drawdown (ft) 0.09
Well Went Dry (Y/N) N	Stop Time — Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) — Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/6/25	1350	~~135~~ 300	1.5	7.68	306	18.40	-47	69.9	0.62	10.93
10/6/25	1355	300	3.0	7.65	3.25	22.64	-47	66.1	0.63	10.93
10/6/25	1400	300	4.5	7.64	3.47	21.76	-46	51.8	0.13	10.93
10/6/25	1405	300	6.0	7.63	3.49	21.79	-45	52.1	0.00	10.93
10/6/25	1410	300	7.5	7.61	3.54	21.71	-43	55.1	0.00	10.93

COMMENTS PID = 3.2 ppm

SAMPLE COLLECTION

Sample Date 10/6/25	Sample Time 1417
Sample ID 224341-MW-CT-06-20251006	
QA/QC Collected / ID N/A	Sample Appearance/Odor
Analyses VOCs, SVOCs, PWS, TAL Metals, Cyanide, PFAS, 1-4 Dioxane, Hexchrome	
Sampler E Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location C.V. Storage	Project No: 160541	Page 1 of 1
Well ID MW-CT-7	Date 10/6/2025	Time 11:15
Well Site Description Grass		
Weather/Temp 70°F, Sunny		
Field Technician S. Arnold		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) 6 - 21 ft.
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6in

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 26.11	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 9.61
Product column height (ft) N/A	Water column height (ft) 16.50 ft
Product volume (Gallons) N/A	Water volume (Gallons) 2.69 ft x3 = 8.07 ft

PURGE INFORMATION

Pump Type / ID Peri (224458)	Water Quality Meter Type / ID Horiba (224586)
Pump Intake Depth (ft) 15.3 ft	Flow-Thru Cell Volume (L) 500mL
Purge Start Time 1132	Appearance/Odor (Start) Clear, light HC odor
Purge End Time 1207	Appearance/Odor (End) Clear, low odor
Average Purge Rate (mL/min) 600	Total Drawdown (ft) 0.06

Well Went Dry (Y/N)	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L)	Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/6/25 1137	1137	600	3.00	7.50	16.9	18.41	-266	40.3	7.28	9.67
1142	1142	600	6.00	7.85	8.14	18.67	-323	12.4	8.24	9.67
1147	1147	600	9.00	7.97	7.55	18.76	-337	84.1	7.25	9.67
1152	1152	600	12.00	8.06	7.45	18.76	-344	17.4	6.78	9.67
1157	1157	600	15.00	8.08	7.45	18.80	-347	4.9	6.55	9.67
10/6/25	1202	600	18.00	8.09	7.39	18.89	-347	0.0	6.49	9.67
10/6/25	1207	600	21.00	8.10	7.33	18.91	-347	0.0	6.47	9.67

COMMENTS PID = 110.7 ppm

SAMPLE COLLECTION

Sample Date 10/6/2025	Sample Time 1210
Sample ID 224341-MW-CT-07-20251006	
QA/QC Collected / ID N/A	Sample Appearance/Odor
Analyses VOCs, SVOCs, PCBs, Cyanide, PFAS, 1-4 dioxane, TAL Metals, Hex Chrome	
Sampler S. Arnold	Signature S. Arnold

WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage	Project No: 1602541	Page 1 of 1
Well ID MW-CT-08	Date 9/29/25	Time 1150
Well Site Description good, sealed, on Citi Storage Footprint		
Weather/Temp 78° F sunny		
Field Technician S. Arnold, E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 8.5' bgs	Screened Interval (ft bgs) 6-21
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 25.31	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 10.57
Product column height (ft) N/A	Water column height (ft) 14.74
Product volume (Gallons) N/A	Water volume (Gallons) 2.40 x3 = 7.20 gal [27.26 L]

PURGE INFORMATION

Pump Type / ID Peristaltic (15906)		Water Quality Meter Type / ID Horiba (27790)
Pump Intake Depth (ft) 15.5'		Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1213		Appearance/Odor (Start) gray, cloudy, light HC odor
Purge End Time 1243		Appearance/Odor (End) Clear, light HC odor
Average Purge Rate (mL/min) 600		Total Drawdown (ft) 0.12 ft.
Well Went Dry (Y/(N))	Stop Time N/A	Volume removed (L) N/A
Recovery Time N/A	Recovery Rate (mL/min) N/A	Restart Purge Time N/A
Total Volume Removed (L) ~22 L		Total Pump Time (min) 30 min

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
9/29/25	1213	600	3	7.56	3.44	20.88	-47	0.7	4.60	10.69
9/29/25	1218	600	6	7.35	3.22	20.59	-43	0.0	0.49	10.69
9/29/25	1223	600	9	7.30	3.20	20.97	-45	0.00	0.40	10.69
9/29/25	1228	600	12	7.27	3.19	20.92	-47	15.7	0.08	10.69
9/29/25	1233	600	15	7.25	3.20	20.93	-49	0.0	0.00	10.69
9/29/25	1238	600	18	7.26	3.19	20.93	-50	0.0	0.00	10.69
9/29/25	1243	600	21	7.25	3.19	20.99	-51	0.0	0.00	10.69
		(EB)								

COMMENTS PID - 108.1 ppm

SAMPLE COLLECTION

Sample Date 9/29/25	Sample Time 1245
Sample ID 224341-MW-CT-08-20250929	
QA/QC Collected / ID N/A	Sample Appearance/Odor Clear / light HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1-4-dioxane	
Sampler Eric Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage	Project No: 1602541	Page 1 of 1
Well ID MW-CT-9	Date 30CT25	Time 1445
Well Site Description Flush		
Weather/Temp Sunny, 60°		
Field Technician L. Councell		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) -	Screened Interval (ft bgs) 6-21
Well Diameter (in.) 2"	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 23.93	Gallons per foot of depth 0.163
Depth to product (ft) -	Static water level (ft) 5.86 TOC
Product column height (ft) -	Water column height (ft) 18.07
Product volume (Gallons) -	Water volume (Gallons) 2.95

PURGE INFORMATION

Pump Type / ID Peri	Water Quality Meter Type / ID Horiba / 224386	
Pump Intake Depth (ft)	Flow-Thru Cell Volume (L) 0.5	
Purge Start Time 1540	Appearance/Odor (Start) brown silt, mild petroleum odor	
Purge End Time 1605	Appearance/Odor (End) clear, mild petroleum odor	
Average Purge Rate (mL/min) 250	Total Drawdown (ft) 0.03	
Well Went Dry (Y/N) N	Stop Time -	Volume removed (L) -
Recovery Time -	Recovery Rate (mL/min) -	Restart Purge Time -
Total Volume Removed (L) 6.25	Total Pump Time (min) 25	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0 5 mg/L	Depth to Water (ft below TOC)	
30CT25	~~1452~~	~~250~~		~~5.46~~	~~0.797~~	~~21.18~~	~~-40~~	~~>1000~~	~~1.01~~	~~5.89~~	
	~~1505~~	~~250~~		~~7.83~~	~~0.794~~	~~22.45~~	~~142~~	~~571~~	~~1.01~~	~~5.89~~	1C
	~~1510~~	~~250~~		~~7.75~~	~~0.799~~	~~22.22~~	~~-149~~	~~>1000~~	~~1.29~~	~~5.89~~	2C
	~~1515~~	~~250~~		~~7.85~~	~~0.787~~	~~22.78~~	~~-146~~	~~930~~	~~1.59~~	~~5.89~~	3C
	1540	250		7.80	0.800	23.94	-158	79.1	7.54	5.89	
	1545	250		7.87	0.794	24.05	-171	17.9	6.48	5.89	
	1550	250		7.90	0.797	23.73	-179	7.4	5.92	5.89	
	1555	250		7.90	0.798	23.94	-183	3.8	5.45	5.89	
	1600	250		7.91	0.798	23.93	-188	1.4	5.10	5.89	
	1605	250		7.90	0.797	24.00	-188	4.3	5.02	5.89	

COMMENTS PID: 34.2 ppm; 100ml 0-ring @ 1453, cleaned Horiba & recal, again @ 1512. Recal tubing @ 1535 due to extremely high sedimentation.

SAMPLE COLLECTION

Sample Date 30CT25	Sample Time 1610
Sample ID 224381-MW-CT-09-20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1-4 Dioxane	
Sampler L. Councell	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location CAT Storage	Project No: 160541	Page 1 of 1	
Well ID MW-CT-10	Date 10/6/2025	Time 1133	
Well Site Description good, sealed			
Weather/Temp 75° sunny			
Field Technician E Beardslee			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) Aquifer 7-22
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 26.87	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 10.65
Product column height (ft) N/A	Water column height (ft) 16.22
Product volume (Gallons) N/A	Water volume (Gallons) 2.64

PURGE INFORMATION

Pump Type / ID peristaltic (5906)	Water Quality Meter Type / ID Horiba (S-1885)
Pump Intake Depth (ft) 20	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1155	Appearance/Odor (Start) cloudy, strong HC odor
Purge End Time 1260	Appearance/Odor (End) slightly cloudy, strong HC odor
Average Purge Rate (mL/min) 300	Total Drawdown (ft) 0.82

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/6/25	1200	300	1.5	8.18	0.427	22.37	-148	180	0.00	10.64
10/6/25	1205	300	3.0	8.19	0.422	21.67	-156	130	0.00	10.63
10/6/25	1210	300	4.5	8.22	0.424	21.78	-159	84.1	0.00	10.63
10/6/25	1215	300	6.0	8.23	0.427	21.15	-160	59.2	0.00	10.63
10/6/25	1220	300	7.5	8.24	0.425	21.49	-160	47.0	0.00	10.63
10/6/25	1225	300	9.0	8.25	0.427	21.51	-160	35.2	0.00	10.63
10/6/25	1230	300	10.5	8.24	0.428	21.49	-159	34.4	0.00	10.63
10/6/25	1235	300	12.0	8.25	0.428	21.50	-159	25.0	0.00	10.63
10/6/25	1240	300	13.5	8.24	0.429	21.51	-159	20.6	0.00	10.63
10/6/25	1245	300	15.0	8.25	0.431	21.44	-159	17.2	0.00	10.63
10/6/25	1250	300	16.5	8.25	0.426	21.52	-159	17.0	0.00	10.63

COMMENTS PID = 46.3 ppm

SAMPLE COLLECTION

Sample Date 10/6/25	Sample Time 1252
Sample ID 722341-MW-CT-10-20251006	
QA/QC Collected / ID N/A	Sample Appearance/Odor slightly cloudy, strong HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, PFAS, 1-4 dioxane, Hex Chrome	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage	Project No: 1602541	Page 1 of 1
Well ID MW-2416	Date 9/30/25	Time 1235
Well Site Description Wood cap off		
Weather/Temp 77°, Cloudy		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.56gs	Screened Interval (ft bgs) —
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 16.79	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 5.11
Product column height (ft) N/A	Water column height (ft) 11.68
Product volume (Gallons) N/A	Water volume (Gallons) 1.91

PURGE INFORMATION

Pump Type / ID Peri pump	Water Quality Meter Type / ID Horiba
Pump Intake Depth (ft) 11	Flow-Thru Cell Volume (L) 0.5
Purge Start Time ~~0845~~ 1256	Appearance/Odor (Start) clear, strong HC smell
Purge End Time 1336	Appearance/Odor (End) clear, strong HC smell
Average Purge Rate (mL/min) 700	Total Drawdown (ft) 0.15 ft

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
9/30/25	1301	700	3.5	6.83	1.27	20.31	-100	0.0	0.00	5.33
9/30/25	1306	700	7.0	6.83	1.26	20.13	-160	0.0	0.00	5.29
9/30/25	1311	700	10.5	6.86	1.24	20.22	-190	0.0	0.00	5.29
9/30/25	1316	700	14.0	6.87	1.25	20.20	-202	0.0	0.00	5.29
9/30/25	1321	700	17.5	6.85	1.26	20.19	-209	0.0	0.00	5.29
9/30/25	1326	700	21.0	6.83	1.28	20.28	-215	0.0	0.00	5.29
9/30/25	1331	700	24.5	6.83	1.31	20.23	-221	0.0	0.00	5.29
9/30/25	1336	700	28.0	6.82	1.33	20.32	-222	0.0	0.00	5.29

COMMENTS PID = 0.1 ppm * well was open

SAMPLE COLLECTION

Sample Date 9/30/25	Sample Time 1340
Sample ID 224341-MW-2416-20250930	
QA/QC Collected / ID	Sample Appearance/Odor clear strong HC smell
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, HexChrome, PFAS, 1-4 dioxane	
Sampler E Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage		Project No: 160541	Page of
Well ID MW-28D		Date 10/6/2025	Time 1240
Well Site Description Gravel covered area			
Weather/Temp 76°F sunny			
Field Technician S. Arnold			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) -	Screened Interval (ft bgs) unknown
Well Diameter (in.) 1.5	Nominal Borehole Diameter (in.) -

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 13.24	Gallons per foot of depth 0.0918
Depth to product (ft)	Static water level (ft) 9.66
Product column height (ft) N/A	Water column height (ft) 3.58
Product volume (Gallons)	Water volume (Gallons) 0.33 gal x 3 = 0.99 gal

PURGE INFORMATION

Pump Type / ID Peri pump (224458)		Water Quality Meter Type / ID Horiba (224386)
Pump Intake Depth (ft) ~~12.0~~ 12.1		Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1303		Appearance/Odor (Start)
Purge End Time 1309		Appearance/Odor (End)
Average Purge Rate (mL/min) 100		Total Drawdown (ft)
Well Went Dry (Y)/N	Stop Time 1309	Volume removed (L) 1.5 L
Recovery Time -	Recovery Rate (mL/min) -	Restart Purge Time -
Total Volume Removed (L) 1.5 L		Total Pump Time (min) 10

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/6/25	1303	—	—	Start Purge				—	—	9.66
10/6	1308	100	0.5	3.43	1.64	20.01	-183	51.2	1.53	12.09
10/6	~~1328~~ 1309	—	Well drawdown at low purge rate. Drop tubing to bottom of well and evacuate water column. Return for sample at ~90% recharge							

Skip for today

COMMENTS PID = 0.5 ppm

SAMPLE COLLECTION

Sample Date 10/6/25	Sample Time
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Liti Storage	Project No: 1602 541	Page 1 of 1
Well ID MW-2159	Date 10/3/25	Time 1412
Well Site Description Good, unsealed		
Weather/Temp 71° sunny		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) —
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) 8 in

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 15.64	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 6.34
Product column height (ft) N/A	Water column height (ft) 9.30
Product volume (Gallons) N/A	Water volume (Gallons) 1.52

PURGE INFORMATION

Pump Type / ID Peristaltic (15906)		Water Quality Meter Type / ID Horiba (21117)
Pump Intake Depth (ft) 13		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1430		Appearance/Odor (Start) very cloudy, strong HC odor
Purge End Time 1530		Appearance/Odor (End) cloudy, strong HC odor
Average Purge Rate (mL/min) 206		Total Drawdown (ft) ~~3.15~~ 2.80
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —		Total Pump Time (min) —

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
10/3/25	1435	200	1	7.23	2.04	22.26	99	67.9	0.51	8.54
10/3/25	1440	200	2	7.24	1.81	21.94	66	161	0.00	8.48
10/3/25	1445	200	3	7.28	1.66	21.63	46	129	0.00	8.45
10/3/25	1450	206	4	7.33	1.53	21.54	31	75.5	0.00	8.45
10/3/25	1455	200	5	7.35	1.41	21.41	19	59.7	0.00	8.45
10/3/25	1500	200	6	7.38	1.35	21.08	7	58.0	0.00	8.45
10/3/25	1505	200	7	7.46	1.28	20.98	-5	30.9	0.00	8.45
10/3/25	1510	200	8	7.44	1.25	20.95	-8	20.5	0.00	8.45
10/3/25	1515	200	9	7.42	1.23	20.87	-12	21.5	0.00	8.45
10/3/25	1520	200	10	7.49	1.24	20.93	-16	30.4	0.00	8.45
10/3/25	1525	200	11	7.43	1.21	20.66	-15	26.2	0.00	8.45
10/3/25	1530	200	12	7.42	0.123	20.56	-14	27.0	0.00	8.45

COMMENTS PID = 7.6 ppm

SAMPLE COLLECTION

Sample Date 10/3/2025	Sample Time 1532
Sample ID 224341-MW-2159-20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor cloudy, strong HC
Analyses VOCs, SVOCs, TAL Metals, Cyanide, HexChrome, PFAS, 1-4 dioxane, PCBs	
Sampler E Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Liti Storage	Project No: 1602541	Page 1 of 1
Well ID LPB-1/MW-1	Date 10/1/25	Time 0855
Well Site Description good,		
Weather/Temp 57°, sunny		
Field Technician Eric Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.56 bgs	Screened Interval (ft bgs) —
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) -

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 14.02 FT	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 5.07
Product column height (ft) N/A	Water column height (ft) 8.95
Product volume (Gallons) N/A	Water volume (Gallons) 1.46

PURGE INFORMATION

Pump Type / ID Peri Pump (15406)	Water Quality Meter Type / ID Horiba (ZT190)
Pump Intake Depth (ft) 10 ft.	Flow-Thru Cell Volume (L) 500 mL strong
Purge Start Time 0910	Appearance/Odor (Start) clear, ~~tight~~ HC odor
Purge End Time 0955	Appearance/Odor (End) clear, strong
Average Purge Rate (mL/min) 800	Total Drawdown (ft) 0.68

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/1/25	0915	800	4	7.81	13.1	21.14	-272	23.2	11.25	5.72
10/1/25	0920	800	8	7.71	12.8	21.04	-255	0.0	4.51	5.75
10/1/25	0925	800	12	7.65	12.7	21.03	-295	0.0	0.54	5.75
10/1/25	0930	800	16	7.61	12.9	21.00	-300	0.0	1.43	5.75
10/1/25	0935	800	20	7.58	13.0	20.92	-301	0.0	1.00	5.75
10/1/25	0940	800	24	7.55	20.97 → 13.1		-301	0.0	0.55	5.75
10/1/25	0945	800	28	7.55	13.3	20.95	-300	0.0	0.00	5.75
10/1/25	0950	800	32	7.54	13.5	20.99	-299	0.0	0.00	5.75
10/1/25	0955	800	36	7.55	13.8	20.94	-300	0.0	0.00	5.75
			EB							

COMMENTS PID = 4.4 ppm (opened 9/30/25 to check for NAPL)
Hair bubble in trail caught in Horiba

SAMPLE COLLECTION

Sample Date 10/1/2025	Sample Time 0957
Sample ID 224341-LPB-1/MW-1-20251001 ~~0800~~	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, strong HC
Analyses VOCs, ~~SVOC~~ SVOCs, PCB, TAL Metals, Cyanide, HexChrome, PFAS, 1,4 dioxane	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage	Project No: 1602541	Page 1 of 1
Well ID LPB-6/MW-9	Date 10/1/25	Time 1035
Well Site Description good		
Weather/Temp 63° sunny		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) –
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 18.72	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 5.95
Product column height (ft) N/A	Water column height (ft) 12.77
Product volume (Gallons) N/A	Water volume (Gallons) 2.08

PURGE INFORMATION

Pump Type / ID PP	Water Quality Meter Type / ID Horiba C27790
Pump Intake Depth (ft) 14	Flow-Thru Cell Volume (L) 500mL
Purge Start Time 1057	Appearance/Odor (Start) strong HC odor, clear
Purge End Time 1127	Appearance/Odor (End) strong HC odor, clear
Average Purge Rate (mL/min) 700	Total Drawdown (ft) 0

Well Went Dry (Y/N) N	Stop Time –	Volume removed (L) –
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) –	Total Pump Time (min) –	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/1/25	1102	700	3.5	7.38	0.708	21.54	-190	10.8	0.00	5.95
10/1/25	1107	700	7.0	7.16	0.700	21.59	-196	16.3	0.00	5.95
10/1/25	1112	700	10.5	7.48	0.702	21.54	-217	10.7	0.00	5.95
10/1/25	1117	700	14.0	7.40	0.696	21.87	-219	10.6	0.00	5.95
10/1/25	1122	700	17.5	7.39	0.698	21.86	-224	10.3	0.00	5.95
10/1/25	1127	700	21.0	7.30	0.697	21.87	-224	10.2	0.00	5.95
			(EB)							

COMMENTS PID = 6.0 ppm x opened yesterday

SAMPLE COLLECTION

Sample Date 10/1/25	Sample Time 1129
Sample ID ~~224341-LPB-1/MW-1-20251036~~ EB 224341-LPB-6/MW-9-20251001	
QA/QC Collected / ID N/A	Sample Appearance/Odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAs, 1-4 dioxane	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Citi Storage	Project No: 602541	Page 1 of 1
Well ID LPB-15/MW-8	Date 10/1/2025	Time 1225
Well Site Description good		
Weather/Temp 67° sunny		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) –
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 16.76	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 8.45
Product column height (ft) N/A	Water column height (ft) 8.31
Product volume (Gallons) N/A	Water volume (Gallons) 1.35

PURGE INFORMATION

Pump Type / ID Peri Pump	Water Quality Meter Type / ID Horiba
Pump Intake Depth (ft) 14	Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1238	Appearance/Odor (Start) cloudy, light + HC odor
Purge End Time 1333	Appearance/Odor (End) slightly cloudy, no odor
Average Purge Rate (mL/min) 500	Total Drawdown (ft) 6.84

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/1/25	1243	700	3.5	6.87	1.12	23.40	57	382	0.00	9.54
10/1/25	1248	700	7.0	6.87	1.45	23.88	46	420	0.00	10.27
10/1/25	1253	700	10.5	7.17	1.79	23.79	34	331	0.00	10.56
10/1/25	1258	700	14.0	7.32	1.45	23.86	33	236	0.00	10.85
10/1/25	1303	500	16.5	7.44	1.56	23.81	35	156	0.03	10.25
10/1/25	1308	500	19.0	7.42	2.13	23.87	36	96.4	0.31	9.98
10/1/25	1313	500	21.5	7.46	2.16	23.92	37	86.9	0.07	9.97
10/1/25	1318	500	23.0	7.46	2.17	23.94	39	69.5	0.00	9.94
10/1/25	1323	500	25.5	7.45	2.20	23.97	41	56.1	0.00	9.92
10/1/25	1328	500	28.0	7.47	2.22	23.93	41	53.4	0.00	9.92
10/1/25	1333	500	30.5	7.47	2.24	23.94	43	52.4	0.00	9.92

COMMENTS PID = 10.2 ppm (opened yesterday)

SAMPLE COLLECTION

Sample Date 10/1/2025	Sample Time 1335
Sample ID 224341-LPB-15/MW-8-20251001	
QA/QC Collected / ID N/A	Sample Appearance/Odor slightly cloudy, no odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1-4 dioxane	
Sampler Eric Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	NGP	Project No: 160540	Page 1 of 1
Well ID	WW-MW-2005-S	Date 10/7/25	Time 1125
Well Site Description	Flush		
Weather/Temp	76°F Sunny		
Field Technician	KS		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) NA
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 17.65	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 6.33
Product column height (ft) –	Water column height (ft) 11.32
Product volume (Gallons) –	Water volume (Gallons) 1.85

PURGE INFORMATION

Pump Type / ID Peri-Pump		Water Quality Meter Type / ID Horiba / 21135
Pump Intake Depth (ft) 14		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1128		Appearance/Odor (Start) clear, slight fuel-like
Purge End Time 1203		Appearance/Odor (End) clear, slight fuel-like
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 1.09
Well Went Dry (Y/N)	Stop Time 1203	Volume removed (L) 7.0
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) 7.0		Total Pump Time (min) 30

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	1128	200	–	6.92	0.711	24.25	-242	0.0	1.00	6.90
	1133	200	1.0	6.72	0.696	23.45	-253	200	0.37	6.99
	1138	200	2.0	6.70	0.691	23.74	-256	86.1	0.27	7.20
	1143	200	3.0	6.71	0.689	23.84	-260	32.4	0.24	7.40
	1148	200	4.0	6.72	0.687	23.85	-262	37.0	0.21	7.42
	1153	200	5.0	6.75	0.678	24.05	-265	27.5	0.23	7.43
	1158	200	6.0	6.75	0.676	24.06	-266	25.9	0.22	7.43
	1203	200	7.0	6.76	0.675	24.08	-265	25.7	0.22	7.42

COMMENTS PID: 0.0 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1205
Sample ID 22402-WW-MW-2005-20251007	
QA/QC Collected / ID –	Sample Appearance/Odor clear, slight fuel-like
Analyses VOCs, SVOCs, PCBs, Hex Chrom, TAL Metals, Cyanide, PFAS, 1-4 Dioxane	
Sampler KS	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	M&A	Project No: 1602540	Page 1 of 1
Well ID	WW-MW-200-I	Date 10/7/25	Time 1326
Well Site Description	Field		
Weather/Temp	77°F Sunny		
Field Technician	KS		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 46.3	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 7.37
Product column height (ft) –	Water column height (ft) 38.93
Product volume (Gallons) –	Water volume (Gallons) 6.35

PURGE INFORMATION

Pump Type / ID Peri-Pump		Water Quality Meter Type / ID Horiba / 21125
Pump Intake Depth (ft) 40		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1220		Appearance/Odor (Start) Clear, No Odor
Purge End Time 1315		Appearance/Odor (End) Clear, No Odor
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 0.16
Well Went Dry (Y/N)	Stop Time 1315	Volume removed (L) 9.0
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) 9.0		Total Pump Time (min) 45

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	1220	200	–	6.52	11.9	28.81	-209	88.9	1.41	7.45
	1225	200	1.0	6.65	16.4	22.41	-210	52.1	0.32	7.49
	1240	200	2.0	6.66	16.1	22.01	-212	64.8	0.31	7.50
	1245	200	3.0	6.67	15.9	21.77	-215	74.6	0.32	7.52
	1250	200	4.0	6.67	15.8	21.71	-216	66.4	0.26	7.53
	1255	200	5.0	6.67	15.7	21.74	-217	55.0	0.22	7.51
	1300	200	6.0	6.68	15.5	21.70	-217	36.7	0.22	7.52
	1305	200	7.0	6.68	15.3	21.75	-217	29.0	0.23	7.55
	1310	200	8.0	6.67	15.3	21.38	-216	28.4	0.23	7.52
	1315	200	9.0	6.67	15.2	21.34	-216	27.1	0.24	7.51

COMMENTS PID: 0.0 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1320
Sample ID 22402-WW-MW-200I-20251007	
QA/QC Collected / ID –	Sample Appearance/Odor clear, No Odor
Analyses VOCs, SVOCs, PCBs, Hex Cr, TAL Metals, Cyanide, PFAS, 1-4 Dioxane	
Sampler KS	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location NW MGP	Project No: 160540	Page 1 of 1
Well ID NW-MW-200D	Date 10/7/25	Time 1010
Well Site Description Flush		
Weather/Temp 72°F Sunny		
Field Technician KS		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 68.70	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 6.80
Product column height (ft) –	Water column height (ft) 61.90
Product volume (Gallons) –	Water volume (Gallons) 10.09

PURGE INFORMATION

Pump Type / ID Peri-Pump		Water Quality Meter Type / ID Horiba / 21138
Pump Intake Depth (ft) 62		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1028		Appearance/Odor (Start) Clear / No Odor
Purge End Time 1053		Appearance/Odor (End) Clear / No Odor
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 0.17
Well Went Dry (Y/N)	Stop Time 1053	Volume removed (L) 5.0
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) 5.0		Total Pump Time (min) 25

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	1028	200	–	8.91	0.704	20.08	-215	1.3	3.46	6.98
|	1033	200	1.0	7.98	0.469	19.65	-205	0.0	0.46	7.15
|	1038	200	2.0	7.89	0.452	19.77	-203	0.0	0.31	7.16
|	1043	200	3.0	6.96	0.444	19.73	-204	0.0	0.23	7.16
|	1048	200	4.0	6.91	0.445	19.69	-204	0.0	0.22	7.17
L	1053	200	5.0	6.89	0.448	19.68	-204	0.0	0.20	7.17

COMMENTS PID: 21.4 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1058
Sample ID 22402-WW-MW-200D-20251007	
QA/QC Collected / ID FD	Sample Appearance/Odor Clear
Analyses VOCs, SVOCs, PCBs, Hex Cr, TAL Metals, Cyanide, PFAS, 1-4 Dioxane	
Sampler KS	Signature

1103

WELL PURGING AND SAMPLING RECORD

Site Name/Location ~~WW-MW-20S-N~~ MGP	Project No: 160540	Page 1 of 1
Well ID WW-MW-20S	Date 10/7/25	Time 943
Well Site Description Flush		
Weather/Temp 68°F Sunny		
Field Technician KS		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 19.90	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 9.40
Product column height (ft) –	Water column height (ft) 10.5
Product volume (Gallons) –	Water volume (Gallons) 1.71

PURGE INFORMATION

Pump Type / ID Peri - Pump		Water Quality Meter Type / ID Horiba
Pump Intake Depth (ft) 15.00		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 855		Appearance/Odor (Start) clear, slight
Purge End Time 920		Appearance/Odor (End) clear, slight
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 0.01
Well Went Dry (Y/N)	Stop Time 920	Volume removed (L) 5
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) 5		Total Pump Time (min) 25

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	855	200	–	6.69	24.3	18.99	-408	36.7	2.41	9.41
	900	200	1.0	6.85	25.3	18.63	-443	34.7	0.36	9.41
	905	200	2.0	6.81	26.0	19.15	-457	20.1	0.21	9.40
	910	200	3.0	6.78	26.5	19.17	-463	13.8	0.18	9.41
	915	200	4.0	6.76	26.7	19.21	-465	13.2	0.19	9.41
↓	920	200	5.0	6.75	26.8	19.28	-466	12.2	0.20	9.40

COMMENTS PID: 172 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 925
Sample ID 22402-WW-MW-20S-20251007	
QA/QC Collected / ID –	Sample Appearance/Odor clear, slight
Analyses VOCs, SVOCs, PCBs, Hex Chr., TAL Metals, Cyanide, PFAS, 1-4 Dioxane	
Sampler KS	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MGP	Project No: 1602540	Page 1 of 1
Well ID MW-203I Intermediate	Date 10/6/25	Time 1550
Well Site Description Flush		
Weather/Temp >70°F Sunny		
Field Technician K. Smernet		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) Unkwn
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 51.62	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 11.45
Product column height (ft) –	Water column height (ft) 40.17
Product volume (Gallons) –	Water volume (Gallons) 6.55 gal x 3 = 19.65 gal

PURGE INFORMATION

Pump Type / ID Peri-Pump	Water Quality Meter Type / ID Horiba
Pump Intake Depth (ft) 44	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1608	Appearance/Odor (Start) Clear, moderate fuel-like
Purge End Time 1638	Appearance/Odor (End) Clear, moderate fuel-like
Average Purge Rate (mL/min) 200	Total Drawdown (ft) 0.6

Well Went Dry (Y/N)	Stop Time ~~1638~~ (SW)	Volume removed (L) ~~6.0~~ (SW)
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —

Total Volume Removed (L) 6.0 — Total Pump Time (min) 30

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/6/25	1608	200	–	6.71	15.2	23.37	241	0.0	0.16	12.03
↓	1613	200	1.0	7.44	16.3	24.20	223	0.0	0.00	12.20
	1618	200	2.0	7.68	18.8	23.54	209	0.0	0.00	12.04
	1623	200	3.0	7.75	21.0	23.03	158	0.0	0.00	12.05
	1628	200	4.0	7.76	21.4	22.76	110	0.0	0.00	12.05
	1633	200	5.0	7.78	21.7	22.75	106	0.0	0.00	12.04
↓	1638	200	6.0	7.78	21.8	22.74	105	0.0	0.00	12.04

COMMENTS 26.6 ppm

SAMPLE COLLECTION

Sample Date 10/6/25	Sample Time 1640
Sample ID 224402-MW-203I-20251006	
QA/QC Collected / ID N/A	Sample Appearance/Odor Clear, moderate fuel odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, 1-4 dioxane	
Sampler K. Smernet	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MGP		Project No: 160540	Page 1 of
Well ID WW-MW-201-D		Date 10/7/25	Time 752
Well Site Description Flush			
Weather/Temp 68°F Sunny			
Field Technician KS			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) -	Screened Interval (ft bgs) -
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) -

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 60.95	Gallons per foot of depth 0.163
Depth to product (ft) —	Static water level (ft) 9.98
Product column height (ft) —	Water column height (ft) 50.97
Product volume (Gallons) —	Water volume (Gallons) 8.31

PURGE INFORMATION

Pump Type / ID Peri-Pump		Water Quality Meter Type / ID Horiba 21158
Pump Intake Depth (ft) 55		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 804		Appearance/Odor (Start) Clear, slight odor
Purge End Time 825		Appearance/Odor (End) Clear, slight odor
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 1.37
Well Went Dry (Y/N)	Stop Time 825	Volume removed (L) -
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time -
Total Volume Removed (L) 4		Total Pump Time (min) 20

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	804	200	—	4.45	248	17.86	-46	32.7	4.07	10.80
	809	200	1	5.39	30.5	17.79	-173	25.8	1.00	11.00
	814	200	2	5.89	30.6	17.61	-204	24.8	0.50	11.18
	819	200	3	6.09	30.6	17.46	-210	24.3	0.70	11.28
	822	200	3.5	6.12	30.6	17.42	-210	23.4	0.65	11.31
	825	200	4	6.16	30.7	17.41	-209	22.9	0.62	11.35

COMMENTS PID: 114.2 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 830
Sample ID 224402-WW-MW-2010-20251007	
QA/QC Collected / ID	Sample Appearance/Odor Clear, slight odor
Analyses VOCs, SVOCs, PCBs, TAL metals, Cyanide, Hex Chr., 1-4 Dioxane, PFAS	
Sampler KS	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MGP	Project No: 160250	Page	2 of
Well ID WW-MW-20265	Date 10/7/25	Time	1020
Well Site Description Good			
Weather/Temp 70°, Sunny			
Field Technician E. Reardsley			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 24.29	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 9.11
Product column height (ft) N/A	Water column height (ft) 15.18
Product volume (Gallons) N/A	Water volume (Gallons) 2.47

PURGE INFORMATION

Pump Type / ID Peristaltic (15906)		Water Quality Meter Type / ID Horiba (51885)
Pump Intake Depth (ft) 20		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1030		Appearance/Odor (Start) clear, strong HC odor
Purge End Time 1110		Appearance/Odor (End) clear
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 0.21
Well Went Dry (Y/N) –	Stop Time –	Volume removed (L) –
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) –		Total Pump Time (min) –

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	1035	200	1.0	8.24	11.1	20.71	-213	55.2	0.82	9.31
10/7/25	1040	200	2.0	8.30	11.1	20.80	-246	28.2	0.00	9.32
10/7/25	1045	200	3.0	8.29	11.1	20.91	-264	17.1	0.00	9.33
10/7/25	1050	200	4.0	8.27	11.0	20.96	-278	11.4	0.00	9.34
10/7/25	1055	200	5.0	8.23	11.0	21.31	-304	5.7	0.00	9.35
10/7/25	1100	200	6.0	8.19	11.3	21.46	-326	4.0	0.00	9.35
10/7/25	1105	200	7.0	8.15	11.2	21.57	-331	1.5	0.00	9.35
10/7/25	1110	200	8.0	8.09	11.2	21.61	-333	1.2	0.00	9.35
				EB						

COMMENTS PID = 2.6 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1112
Sample ID 224402-WW-MW-202-20251007	
QA/QC Collected / ID –	Sample Appearance/Odor –
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chr., 1-4 Dioxane, PFAS	
Sampler Eric Reardsley	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MGP	Project No: 1602540	Page 1 of	
Well ID WW-MW-202I	Date 10/7/25	Time 0750	
Well Site Description 63, cloudy & good			
Weather/Temp 63°, cloudy			
Field Technician E Beardslee			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) —
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 40.45	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 9.51
Product column height (ft) N/A	Water column height (ft) 30.94
Product volume (Gallons) N/A	Water volume (Gallons) 6.59

PURGE INFORMATION

Pump Type / ID peristaltic CL5906	Water Quality Meter Type / ID Horiba (S1885)
Pump Intake Depth (ft) 40	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0805	Appearance/Odor (Start) clear, light HC odor
Purge End Time 0840	Appearance/Odor (End) clear, light HC odor
Average Purge Rate (mL/min) 200	Total Drawdown (ft) 1.04

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	0810	200	1.0	7.91	9.31	18.36	147	19.5	0.18	10.55
10/7/25	0815	200	2.0	8.19	9.53	18.35	73	15.1	0.00	10.55
10/7/25	0820	200	3.0	8.14	10.3	18.31	-75	11.9	0.26	10.56
10/7/25	0825	200	4.0	8.11	10.9	18.21	-114	11.5	0.22	10.55
10/7/25	0830	200	5.0	8.15	11.3	18.07	-123	10.1	0.00	10.55
10/7/25	0835	200	6.0	8.19	11.4	18.00	-128	9.7	0.00	10.55
10/7/25	0840	200	7.0	8.18	11.4	17.99	-130	9.0	0.00	10.55
		EB								

COMMENTS PID = 0.2 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 0847
Sample ID 224452-WW-MW-202I-20251007	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, light HC odor
Analyses VOCs, SVOCs, PCV, TAL Metals, Hex Chrome, cyanide, 1-4 dioxane, PFAS	
Sampler Eric Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MCP	Project No: 1662540	Page 1 of 1
Well ID WW-MW-202D	Date 10/7/25	Time 0903
Well Site Description good		
Weather/Temp 68° partly cloudy		
Field Technician E Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 79.73	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 9.35
Product column height (ft) N/A	Water column height (ft) 9.35 EB 70.38
Product volume (Gallons) N/A	Water volume (Gallons) 11.47

PURGE INFORMATION

Pump Type / ID peri pump (15906)	Water Quality Meter Type / ID Horiba (51855)
Pump Intake Depth (ft) 70	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0920	Appearance/Odor (Start) clear, strong HC odor
Purge End Time 1000	Appearance/Odor (End) clear, light HC odor
Average Purge Rate (mL/min) 200	Total Drawdown (ft) 1.14

Well Went Dry (Y/N) N	Stop Time –	Volume removed (L) –
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) –	Total Pump Time (min) –	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	0915	200	1.0	7.96	22.1	21.41	-142	13.0	0.00	10.01
10/7/25	0930	200	2.0	7.87	24.4	20.14	-136	9.0	0.00	10.14
10/7/25	0935	200	3.0	7.79	25.0	19.73	-133	6.8	0.00	10.25
10/7/25	0940	200	4.0	7.76	25.2	19.55	-132	5.9	0.00	10.33
10/7/25	0945	200	5.0	7.77	25.2	19.41	-126	4.8	0.00	10.41
10/7/25	0950	200	6.0	7.67	25.3	19.35	-119	4.4	0.00	10.48
10/7/25	0955	200	7.0	7.64	25.3	19.30	-111	3.5	0.00	10.47
10/7/25	1000	200	8.0	7.63	25.3	19.37	-108	3.1	0.00	10.49
			EB							

COMMENTS PID=0.3 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1002
Sample ID 224402-WW-MW-202D-20251007	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, light HC odor
Analyses VOCs, SVOCs, PLVs, HexChrome, TAL Metals, Cyanide, PFAS, 1-4 dioxane	
Sampler E Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP	Project No: 160590	Page	of
Well ID WW-MW-203	Date 10/7/25	Time 0830 TSD	
Well Site Description Flush			
Weather/Temp 68°F, cloudy			
Field Technician S. Arnold			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) Unknown
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 17.69	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 10.18
Product column height (ft) –	Water column height (ft) 7.51
Product volume (Gallons) –	Water volume (Gallons) 1.22 x 3 = 3.66 gal

PURGE INFORMATION

Pump Type / ID Peri (210298)	Water Quality Meter Type / ID Horiba (2117
Pump Intake Depth (ft) 16 ft	Flow-Thru Cell Volume (L) 500 ml
Purge Start Time 0823	Appearance/Odor (Start) Clear, slight fuel odor
Purge End Time 0843	Appearance/Odor (End) clear, low odor
Average Purge Rate (mL/min) 150	Total Drawdown (ft) 0.10

Well Went Dry (Y/N)	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	0828	150	0.75	7.03	1.20	20.98	101	160	0.26	10.28
	0833	150	1.50	7.21	1.19	21.19	66	162	0.00	10.28
	0838	150	2.25	7.23	1.19	21.40	63	148	0.21	10.28
	0843	150	3.00	7.24	1.19	21.39	59	152	0.14	10.28

COMMENTS PID = 39.4 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 0845
Sample ID 224402-WW-MW-203-20251007	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear; low odor
Analyses VOCs, SVOCs, PCB, TAL Metals, Cyanide, HexChrome, 14dioxane	
Sampler S. Arnold	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP	Project No: 1602540	Page 1 of 1
Well ID MW-203S WW-MW-203I	Date 10/7/2025	Time 0900
Well Site Description Flush		
Weather/Temp 70°F, cloudy		
Field Technician S. Arnold		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) unknown
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 46.54	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 9.17
Product column height (ft) —	Water column height (ft) 37.42
Product volume (Gallons) —	Water volume (Gallons) 6.099 x 3 = 18.297 gal

PURGE INFORMATION

Pump Type / ID Peri pump (210293)	Water Quality Meter Type / ID Horiba (2117)
Pump Intake Depth (ft) 40	Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 0903	Appearance/Odor (Start) clear, moderate HC odor
Purge End Time 0948	Appearance/Odor (End) clear, low odor
Average Purge Rate (mL/min) 300	Total Drawdown (ft) 0.18
Well Went Dry (Y/N)	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L)	Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	0913	300	1.5	7.67	3.05	19.75	117	97.5	0.00	9.30
	0918	300	3.0	7.74	3.14	19.84	88	47.7	0.00	9.30
	0923	300	4.5	7.78	3.23	18.94	63	33.1	0.00	9.30
	0928	300	6.0	7.81	3.27	18.92	55	30.4	0.00	9.30
	0933	300	7.5	7.84	3.37	18.71	44	32.6	0.00	9.30
	0938	300	9.0	7.85	3.49	18.60	34	31.8	0.00	9.30
	0943	300	10.5	7.85	3.52	18.56	36	31.6	0.00	9.30
	0948	300	12.0	7.83	3.54	18.55	32	30.2	0.00	9.30

COMMENTS PID = 28.4 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 0938
Sample ID 242402-WW-MW-203I-20251007	
QA/QC Collected / ID MS/MSD	Sample Appearance/Odor clear, low odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, 1-4 dioxane	
Sampler S. Arnold	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP	Project No: 160540	Page 1 of 1
Well ID WW-MW-203D	Date 10/7/25	Time 1025
Well Site Description good condition		
Weather/Temp 75°F, sunny		
Field Technician S. Arnold		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) unknown
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 76.99	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) ~~9.07~~ 8.85
Product column height (ft) —	Water column height (ft) 68.14
Product volume (Gallons) —	Water volume (Gallons) 11.11 x3 = 33.33 gal

PURGE INFORMATION

Pump Type / ID Peri (220298)	Water Quality Meter Type / ID Horiba (2112)
Pump Intake Depth (ft) 70 ft	Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1033	Appearance/Odor (Start) clear, no odor
Purge End Time 1113	Appearance/Odor (End) -
Average Purge Rate (mL/min) 400	Total Drawdown (ft) 0.11

Well Went Dry (Y/N) —	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L)	Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+-3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	1038	400	2.0	7.87	29.2	18.31	97	0.0	0.74	8.96
	1043	400	4.0	7.86	29.7	18.07	63	0.0	0.00	8.96
	1048	400	6.0	7.86	29.9	17.93	47	~~0.0~~ 13.5	0.00	8.96
	1053	400	8.0	7.85	30.0	17.66	40	21.6	0.00	8.96
	1058	400	10.0	7.87	30.1	17.65	33	12.9	0.00	8.96
	1103	400	12.0	7.85	30.1	17.58	30	5.0	0.00	8.96
	1108	400	14.0	7.86	30.1	17.61	27	4.5	0.00	8.96
	1113	400	16.0	7.86	30.1	17.62	25	1.3	0.00	8.96

COMMENTS PID = 0.0 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1115
Sample ID 224407-WW-MW-203D-20251008	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, 1-4 dioxane	
Sampler S. Arnold	Signature S Arnold

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MCAP	Project No: 1602540	Page 1 of 1
Well ID MW-204S	Date 7OCT25	Time 1230
Well Site Description flush		
Weather/Temp sunny, 75°		
Field Technician L. Councell		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 16.38	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 6.63
Product column height (ft) –	Water column height (ft) 9.75
Product volume (Gallons) –	Water volume (Gallons) 1.59

PURGE INFORMATION

Pump Type / ID Geo / 224458		Water Quality Meter Type / ID Horiba 224396
Pump Intake Depth (ft) 10.00		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1235		Appearance/Odor (Start) clear, mild odor
Purge End Time 1320		Appearance/Odor (End) clear, mild odor
Average Purge Rate (mL/min)		Total Drawdown (ft) 2.68
Well Went Dry (Y/N)	Stop Time 1345	Volume removed (L) –
Recovery Time –	Recovery Rate (mL/min)	Restart Purge Time –
Total Volume Removed (L) –		Total Pump Time (min) –

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
7OCT25	1235	250		7.45	0.713	21.59	-149	61.2	8.64	7.55
	1240	250		7.47	0.664	22.82	-160	72.4	6.12	7.95
	1245	250		7.49	0.666	22.13	-164	60.3	5.41	8.95
	1250	250		7.47	0.697	22.08	-165	78.0	4.80	9.39
	1255	225		7.48	0.723	22.23	-166	156.0	4.10	9.25
	1300	225		7.53	0.739	23.10	-129	67.6	3.98	9.14
	1305	225		7.50	0.737	22.66	-139	63.9	2.46	9.31
	1310	225		7.54	0.716	22.72	-145	38.0	1.91	9.25
	1315	225		7.51	0.733	22.71	-153	39.2	1.89	9.31
	1320	225		7.50	0.728	22.53	-155	38.5	1.89	9.31

COMMENTS PID 0.0

SAMPLE COLLECTION

Sample Date 7OCT25	Sample Time 1330
Sample ID 224402-WW-MW-204S-20251007	
QA/QC Collected / ID –	Sample Appearance/Odor clear, mild odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Cr, 1-4 Dioxane	
Sampler L. Councell	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP		Project No: 1602540	Page 1 of 1
Well ID MW-204I		Date 7OCT25	Time 1440
Well Site Description Flush			
Weather/Temp Sunny 75			
Field Technician L. Council			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) —	Screened Interval (ft bgs) —
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 50.2	Gallons per foot of depth 0.163
Depth to product (ft) —	Static water level (ft) 6.61
Product column height (ft) —	Water column height (ft) 43.59
Product volume (Gallons) —	Water volume (Gallons) 2.11

PURGE INFORMATION

Pump Type / ID Pid 224458	Water Quality Meter Type / ID Horiba / 224386
Pump Intake Depth (ft) 46.00	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1250	Appearance/Odor (Start) clear mild odor
Purge End Time 1525	Appearance/Odor (End) clear, strong naphthalene odor
Average Purge Rate (mL/min) 250	Total Drawdown (ft) 0.18
Well Went Dry (Y/N) — Stop Time 1615	Volume removed (L) —
Recovery Time — Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
7OCT25	1455	250		7.85	2.84	24.32	-187	54.9	8.24	6.78
	1500	250		7.83	2.95	23.34	-192	49.2	7.63	6.79
	1505	250		7.98	3.43	20.87	-206	20.3	5.74	6.79
	1510	250		8.00	3.58	20.15	-210	20.6	4.50	6.79
	1515	250		8.00	3.66	20.22	-211	18.2	3.51	6.79
	1520	250		8.01	3.66	20.13	-214	19.0	1.77	6.79
	1525	250		8.08	3.72	20.02	-215	18.5	1.54	6.79

COMMENTS PID 0.0 ppm, MS/MSD

SAMPLE COLLECTION

Sample Date 7OCT25	Sample Time 1530
Sample ID 224402-WW-MW-204I-20251007	
QA/QC Collected / ID	Sample Appearance/Odor clear, strong naphthalene odor
Analyses VOCs, 1,4-Dioxane, PCBs, Hex. Chr., TAL metals, Cyanide, 1,4-Dioxane	
Sampler L. Council	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP	Project No: 60257.0	Page 1 of 1
Well ID MW-204D	Date 7 OCT 25	Time 1105
Well Site Description flush		
Weather/Temp Sunny, 75°		
Field Technician L. Councell		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 66.2	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 6.29
Product column height (ft) –	Water column height (ft) 59.91
Product volume (Gallons) –	Water volume (Gallons) 9.77

PURGE INFORMATION

Pump Type / ID Redi / 224458	Water Quality Meter Type / ID Horiba / 224386
Pump Intake Depth (ft) 60.00	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1120	Appearance/Odor (Start) clear, mold odor
Purge End Time 1210	Appearance/Odor (End) clear, mold odor
Average Purge Rate (mL/min) 250	Total Drawdown (ft) 0.58

Well Went Dry (Y/N)	Stop Time 1225	Volume removed (L) –
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) –	Total Pump Time (min) –	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
7OCT25	1125	250		8.62	1.56	19.55	-116	6.9	6.08	6.71
	1130	250		8.67	1.54	18.74	-157	1.9	3.59	6.77
	1135	250		8.51	1.58	18.95	-198	0.1	2.76	6.77
	1140	250		7.71	1.92	18.21	-157	0.0	2.52	6.77
	1145	250		7.48	2.07	18.08	-142	0.0	1.92	6.87
	1150	250		7.48	2.07	17.94	-142	0.0	1.30	6.87
	1155	250		7.48	2.08	18.02	-140	0.0	1.68	6.87
	1200	250		7.45	2.06	18.04	-129	0.0	1.54	6.87
	1205	250		7.45	2.05	18.02	-136	0.0	1.52	6.87
	1210	250		7.45	2.06	18.02	-138	0.0	1.52	6.87

COMMENTS PID 0.0 ppm

SAMPLE COLLECTION

Sample Date 7 OCT 25	Sample Time 1215
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor clear, mold odor
Analyses	
Sampler L. Councell	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP	Project No: 1602540	Page 1 of 1
Well ID WW-MW-205S	Date 7Oct25	Time 0805
Well Site Description Flush		
Weather/Temp Sunny, 75°		
Field Technician L. Conner		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 46.6	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 7.31
Product column height (ft) –	Water column height (ft) 39.29
Product volume (Gallons) –	Water volume (Gallons) 6.40

PURGE INFORMATION

Pump Type / ID Ferd / 224458	Water Quality Meter Type / ID Horiba / 224586
Pump Intake Depth (ft) 40.00	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0830	Appearance/Odor (Start) clear, odorless mild pet. odor
Purge End Time 0845	Appearance/Odor (End) clear, ~~odorless~~ mild pet. odor
Average Purge Rate (mL/min) –	Total Drawdown (ft) 0.05

Well Went Dry (Y/N) –	Stop Time 0910	Volume removed (L) –
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) –	Total Pump Time (min) –	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+-3%)	Temp. (°C) (+-3%)	ORP (mV) (+/-10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
7Oct25	0830	250		7.29	0.436	19.09	108	0.0	0.83	7.38
	0835	250		7.62	1.54	18.93	135	0.0	0.0	7.35
	0840	250		7.68	1.57	18.21	-144	0.0	0.0	7.36
	0845	250		7.69	1.57	18.15	-144	0.0	0.0	7.35

COMMENTS PID 0.0 ppm

SAMPLE COLLECTION

Sample Date 7Oct25	Sample Time 0850
Sample ID 7OCT02-WW-MW-205S-20251007-0850	
QA/QC Collected / ID	Sample Appearance/Odor Clear, mild petroleum ~~no odor~~
Analyses	
Sampler L. Conner	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP	Project No: 160250	Page 1 of 1
Well ID GW-MW-205D	Date 7OCT25	Time 0925
Well Site Description Flush		
Weather/Temp Sunny, 75		
Field Technician L. Conneh.		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) —	Screened Interval (ft bgs) —
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 80	Gallons per foot of depth 0.163
Depth to product (ft) —	Static water level (ft) 7.12
Product column height (ft) —	Water column height (ft) 72.88
Product volume (Gallons) —	Water volume (Gallons) 11.88

PURGE INFORMATION

Pump Type / ID Geo / 224458	Water Quality Meter Type / ID Horiba / 224386
Pump Intake Depth (ft) 74.00	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0930	Appearance/Odor (Start) Clear, mild odor
Purge End Time 1015	Appearance/Odor (End) Clear, mild odor
Average Purge Rate (mL/min) 250	Total Drawdown (ft) 1.82

Well Went Dry (Y/N)	Stop Time 1035	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
7OCT25	0930	250		8.75	0.147	18.81	-138	0.0	9.58	7.30
	0935	250		9.17	0.113	18.35	-69	0.0	8.87	7.85
	0940	250		9.08	0.113	18.40	-12	0.0	8.28	8.35
	0945	250		9.09	0.114	18.40	3	0.0	7.86	8.74
	0950	250		10.46	0.114	18.42	-48	0.0	7.40	8.74
	0955	250		10.47	0.114	18.18	-47	0.0	7.21	8.76
	1000	250		10.37	0.114	18.04	-34	0.0	6.75	8.92
	1005	250		10.29	0.114	17.89	-29	0.0	6.69	8.94
	1010	250		10.31	0.114	17.91	-28	0.0	6.23	8.94
	1015	250		10.34	0.114	17.85	-29	0.0	6.19	8.94
	1020	250								

COMMENTS PID 0.3 ppm

SAMPLE COLLECTION

Sample Date 7OCT25	Sample Time 1020
Sample ID 224407-GW-MW-205D-20251007	
QA/QC Collected / ID	Sample Appearance/Odor slightly cloudy, mild odor
Analyses	
Sampler L. Conneh	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MCP	Project No: 16025.10	Page 1	of
Well ID MW-2065	Date 10/7/25	Time 1615	
Well Site Description good			
Weather/Temp 70°, cloudy			
Field Technician E. Beardslee			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.565	Screened Interval (ft bgs) —
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 15.50	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 6.61
Product column height (ft) N/A	Water column height (ft) 8.89
Product volume (Gallons) N/A	Water volume (Gallons) 1.45

PURGE INFORMATION

Pump Type / ID Per. pump (S4063)	Water Quality Meter Type / ID Horiba (E1888)
Pump Intake Depth (ft) 13	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1525	Appearance/Odor (Start) clear, strong HC odor
Purge End Time 1610	Appearance/Odor (End) clear, strong HC odor
Average Purge Rate (mL/min) 200	Total Drawdown (ft) 0.09

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	1530	200	1	8.07	0.534	25.25	-175	18.7	7.04	6.65
10/7/25	1535	200	2	8.01	0.534	25.01	-160	11.8	5.99	6.65
10/7/25	1540	200	3	7.99	0.538	24.73	-171	4.3	5.69	6.65
10/7/25	1545	200	4	7.98	0.538	24.69	-170	1.5	5.43	6.65
10/7/25	1550	200	5	7.93	0.538	24.68	-170	0.8	5.39	6.65
10/7/25	1555	200	6	7.92	0.539	24.71	-169	0.0	5.22	6.65
10/7/25	1600	200	7	7.90	0.539	24.72	-169	0.0	5.11	6.65
10/7/25	1605	200	8	7.87	0.538	24.69	-170	0.0	5.09	6.65
10/7/25	1610	200	9	7.88	0.538	24.71	-170	0.0	5.10	6.65

COMMENTS _____

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1612
Sample ID	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, strong HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1-4 dioxane	
Sampler E Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MGP	Project No: 1602540	Page 1 of 1
Well ID MW-206-D	Date 10/7/25	Time 1500
Well Site Description Flush		
Weather/Temp 74°F Sunny		
Field Technician KS		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 49.52	Gallons per foot of depth 0.163
Depth to product (ft) –	Static water level (ft) 6.94
Product column height (ft) –	Water column height (ft) 42.58
Product volume (Gallons) –	Water volume (Gallons) 6.94

PURGE INFORMATION

Pump Type / ID Peri. Pump		Water Quality Meter Type / ID Horiba / 21135
Pump Intake Depth (ft) 43.00		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1510		Appearance/Odor (Start) Cloudy, ~~no~~ KF odor fuel-like
Purge End Time 1550		Appearance/Odor (End) Slightly cloudy, ~~no~~ odor fuel-like
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 0.12
Well Went Dry (Y/N)	Stop Time 1550	Volume removed (L) 8
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) 8		Total Pump Time (min) 40

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/7/25	1510	200	–	7.62	2.39	24.74	-240	7000	1.80	7.05
	1515	200	1.0	6.87	2.49	26.42	-208	884	0.43	7.04
	1520	200	2.0	6.44	2.60	24.36	-205	477	0.35	7.04
	1525	200	3.0	6.27	2.64	23.01	-203	282	0.32	7.05
	1530	200	4.0	6.21	2.70	20.91	-202	212	0.26	7.05
	1535	200	5.0	6.18	2.70	21.07	-203	140	0.23	7.05
	1540	200	6.0	6.16	2.70	20.99	-202	54	0.26	7.06
	1545	200	7.0	6.15	2.72	20.34	-201	48.2	0.26	7.06
	1550	200	8.0	6.15	2.71	20.54	-201	49.3	0.25	7.06

COMMENTS PID: 0.0 ppm

SAMPLE COLLECTION

Sample Date 10/7/25	Sample Time 1555
Sample ID 224802-WW-MW-206D-20251007	
1600 QA/QC Collected / ID FD	Sample Appearance/Odor Slightly cloudy, no odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chr., 1-4 Dioxane, PFAS	
Sampler KS	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Williamsburg MGP	Project No: 1602590	Page 1 of 1
Well ID MW-207	Date 6 Oct 25	Time 1535
Well Site Description Flush		
Weather/Temp Sunny 75°		
Field Technician L. Concell		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) —	Screened Interval (ft bgs) Unknown
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 17.0	Gallons per foot of depth 0.163
Depth to product (ft) —	Static water level (ft) 9.73
Product column height (ft) —	Water column height (ft) 7.27
Product volume (Gallons) —	Water volume (Gallons) 1.19 x 3 = 3.57 gal

PURGE INFORMATION

Pump Type / ID Peri		Water Quality Meter Type / ID Horiba
Pump Intake Depth (ft) 12.00		Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1550		Appearance/Odor (Start) Clear, mild odor
Purge End Time 1610		Appearance/Odor (End) Clear, mild odor
Average Purge Rate (mL/min)		Total Drawdown (ft) 0.16
Well Went Dry (Y/N)	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) 6.25		Total Pump Time (min) 20

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
6 Oct 25	1550	250	1.25	8.47	35.5	21.87	-97	5.5	0.0	9.81
	1555	250	2.50	8.43	34.4	22.69	-93	0.0	0.41	9.81
	1600	250	3.75	8.39	34.2	22.90	-89	0.0	0.78	9.88
	1605	250	5.00	8.35	34.0	22.90	-82	0.0	0.78	9.9
	1610	250	6.25	8.33	33.9	22.90	-81	0.0	0.75	9.91

COMMENTS PID: 0.0 ppm

SAMPLE COLLECTION

Sample Date 6 Oct 25	Sample Time 1615
Sample ID 224452 - MW-207-20251006	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, mild odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, 1-4 dioxane	
Sampler L. Concell	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MGP	Project No: 160590	Page 1	of 1
Well ID MW-207I	Date 10/6/25	Time ~~1310~~ 1510	
Well Site Description good, unsealed			
Weather/Temp 78°, sunny			
Field Technician E. Beardslee			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) Unknown
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) -

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 46.60	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 10.83
Product column height (ft) N/A	Water column height (ft) 35.77
Product volume (Gallons) N/A	Water volume (Gallons) 5.83

PURGE INFORMATION

Pump Type / ID Peristaltic (15906)		Water Quality Meter Type / ID Horiba (51885)	
Pump Intake Depth (ft) 35		Flow-Thru Cell Volume (L) 0.5	
Purge Start Time 1523		Appearance/Odor (Start) clear, strong HC odor	
Purge End Time 1608		Appearance/Odor (End) clear, light HC odor	
Average Purge Rate (mL/min) 400		Total Drawdown (ft) 0.26	
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —	
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —	
Total Volume Removed (L) —		Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/6/25	1528	400	2	9.63	4.10	19.14	73	2.5	3.44	11.09
10/6/25	1533	400	4	9.69	4.16	18.74	83	0.0	5.92	11.09
10/6/25	1538	400	6	9.48	4.43	18.91	81	0.0	5.50	11.09
10/6/25	1543	400	8	8.80	5.32	19.85	-62	0.0	4.69	11.09
10/6/25	1548	400	10	8.47	6.84	20.24	-101	1.8	4.09	11.09
10/6/25	1553	400	12	8.45	7.17	20.01	-110	2.6	3.80	11.09
10/6/25	1558	400	14	8.44	7.37	19.67	-114	3.1	3.58	11.09
10/6/25	1603	400	16	8.44	7.49	19.73	-116	2.7	3.11	11.09
10/6/25	1608	400	18	8.44	7.56	19.63	-118	1.9	2.90	11.09

COMMENTS PID=0.0 ppm

SAMPLE COLLECTION

Sample Date 10/6/25	Sample Time 1610
Sample ID ~~224467-MW-[illegible]-20251006~~ 224467-MW-207I-20251006	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, light HC odor
Analyses VOCs, SVOCs, PCBs, TAL metals, cyanide, PFAS, 1,4 dioxane, Tetrahydrofuran	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location MGP Williamsburg	Project No: 160540	Page 1 of 1
Well ID MW-207D	Date 6 OCT 25	Time 1420
Well Site Description Flush		
Weather/Temp Sunny 75°		
Field Technician L. Councell		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) Unown
Well Diameter (in.) 2"	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 72.24	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 10.09
Product column height (ft) N/A	Water column height (ft) 62.15
Product volume (Gallons) N/A	Water volume (Gallons) 10.13 x 3 = 30.39

PURGE INFORMATION

Pump Type / ID Peri		Water Quality Meter Type / ID Horiba
Pump Intake Depth (ft) 66.00		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1430		Appearance/Odor (Start) mold odor, slight green, cloudy
Purge End Time 1510		Appearance/Odor (End) clear
Average Purge Rate (mL/min) 250		Total Drawdown (ft) 1.92
Well Went Dry (Y/N)	Stop Time ~~1530~~ 1510	Volume removed (L) N/A
Recovery Time –	Recovery Rate (mL/min) –	Restart Purge Time –
Total Volume Removed (L) ~9 L		Total Pump Time (min) 40

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
6oct25	~~1435~~ 1440	250	1.75	9.0	28.5	18.15	-183	148	11.20	10.15
	1445	250	2.50	9.09	28.4	18.32	-192	149	7.41	11.63
	1450	250	3.75	9.15	27.2	18.04	-194	49.5	6.25	11.64
	1455	250	5.00	9.18	27.1	17.62	-204	7.4	5.26	11.84
	1500	250	6.25	9.19	27.1	17.50	-206	1.5	4.54	12.01
	1505	250	7.50	9.21	27.0	17.48	-205	0.0	4.58	12.01
	1510	250	8.75	9.20	26.9	17.50	-204	0.0	4.31	12.01

COMMENTS PID: 0.0 ppm

SAMPLE COLLECTION

Sample Date 6 OCT 25	Sample Time 1515
Sample ID 223402-MW-207D-20251006	
QA/QC Collected / ID N/A	Sample Appearance/Odor Clear mold odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Cr, gamma, 1-4 dioxane	
Sampler L. Councell	Signature

WELL PURGING AND SAMPLING RECORD

EB

Site Name/Location ~~MW-PR-03~~ Pratt	Project No: 602540	Page 1 of 1	
Well ID MW-PR-03	Date 10/8/25	Time 1135	
Well Site Description Good			
Weather/Temp 65, rainy			
Field Technician E Beardslee			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5	Screened Interval (ft bgs) 4-19
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 23.40	Gallons per foot of depth ~~3.14~~ EB 0.163
Depth to product (ft) N/A	Static water level (ft) 3.85
Product column height (ft) N/A	Water column height (ft) 14.55
Product volume (Gallons) N/A	Water volume (Gallons) 3.19

PURGE INFORMATION

Pump Type / ID Peristaltic pump (5906)		Water Quality Meter Type / ID Horiba (224586)	
Pump Intake Depth (ft) 18		Flow-Thru Cell Volume (L) 0.5	
Purge Start Time 1150		Appearance/Odor (Start) cloudy, very strong HC odor	
Purge End Time 1250		Appearance/Odor (End) cloudy, very strong HC odor	
Average Purge Rate (mL/min) 200		Total Drawdown (ft) 2.85	
Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —	
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —	
Total Volume Removed (L) —		Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/8/25	1155	200	1.0	7.16	4.38	17.73	-163	161	0.81	4.78
10/8/25	1200	200	2.0	7.22	4.13	18.08	-204	216	0.72	4.90
10/8/25	1205	200	3.0	7.24	4.09	17.94	-252	203	1.24	5.26
10/8/25	1210	200	4.0	7.24	4.00	17.97	-268	190	1.51	5.58
10/8/25	1215	200	5.0	7.24	4.01	17.98	-282	171	1.66	5.90
10/8/25	1220	200	6.0	7.23	3.97	17.98	-306	147	2.00	6.20
10/8/25	1225	200	7.0	7.33	3.99	17.98	-343	157	4.21	6.42
10/8/25	1230	200	8.0	7.25	4.17	18.27	-375	170	3.87	6.45
10/8/25	1235	200	9.0	7.25	4.41	18.42	-401	201	4.10	6.52
10/8/25	1240	200	10.0	7.27	4.45	18.27	-419	163	4.73	6.59
10/8/25	1245	200	11.0	7.27	4.45	18.23	-425	164	4.82	6.64
10/8/25	1250	PDB = 157		7.28	4.60	18.27	-427	155	4.91	6.69 (EB)

COMMENTS

SAMPLE COLLECTION

Sample Date 10/8/25	Sample Time 1252
Sample ID MW-PR-3-20251008	
QA/QC Collected / ID N/A	Sample Appearance/Odor cloudy, strong HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hexchrom, PFAS, 1-4 dioxane	
Sampler E Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt Refinery	Project No: 1602540	Page 1 of 1
Well ID MW-PR-05	Date 09/30/25	Time 1555
Well Site Description good, sealed		
Weather/Temp 80° Cloudy		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) 4-19
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) 6

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 22.54	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 4.25
Product column height (ft) N/A	Water column height (ft) 18.29
Product volume (Gallons) N/A	Water volume (Gallons) 2.98

PURGE INFORMATION

Pump Type / ID Peri pump (5906)	Water Quality Meter Type / ID Horiba ~~U-52~~ U-52 (901)
Pump Intake Depth (ft) 16	Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1629	Appearance/Odor (Start) Clear, strong HC odor
Purge End Time 1659	Appearance/Odor (End) Clear, strong HC
Average Purge Rate (mL/min) 500	Total Drawdown (ft) 0.04

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
9/30/25	1634	~~250~~ 500 E	~~25.75~~ 5.0 E	7.37	38.9	22.25	-264	0.0	0.00	4.23
9/30/25	1639	500	5.0	7.21	39.4	22.35	-268	0.0	0.00	4.21
9/30/25	1644	500	7.5	7.13	40.7	22.28	-271	0.0	0.00	4.21
9/30/25	1649	500	10.0	7.10	41.6	22.33	-274	0.0	0.00	4.21
9/30/25	~~1654~~ 1654	500	12.5	7.08	42.7	22.41	-275	0.0	0.00	4.21
9/30/25	1659	500	12.5	7.07	43.1	22.45	-276	0.0	0.00	4.21
		EB								

COMMENTS PID: 56.9 ppm

SAMPLE COLLECTION

Sample Date 09/30/25	Sample Time 1701
Sample ID 224402-MW-PR-05-20250930	
QA/QC Collected / ID	Sample Appearance/Odor Clear, strong HC
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1-4 dioxane	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt Refinery	Project No: 160540	Page 1 of 1
Well ID MW-6	Date 10/2/25	Time 1419
Well Site Description One well cover bolt missing		
Weather/Temp 80° F, Sunny		
Field Technician S. Arnold		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 Ft bgs	Screened Interval (ft bgs) Unknown
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 54.29	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 8.05
Product column height (ft) N/A	Water column height (ft) 46.24
Product volume (Gallons) N/A	Water volume (Gallons) 7.537 x 3 = 22.61 gal

PURGE INFORMATION

Pump Type / ID Peristaltic (44274)		Water Quality Meter Type / ID Horiba (224386)
Pump Intake Depth (ft) 48 ft		Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1443		Appearance/Odor (Start) Clear, mild HC odor
Purge End Time 1523		Appearance/Odor (End) Clear, mild HC odor
Average Purge Rate (mL/min) 300 mL/min		Total Drawdown (ft) 0.01
Well Went Dry (Y/N)	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) ~14 L		Total Pump Time (min) 40

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)	
10/2	1443	Start Purge								8.05	
10/2	1448	~~300~~ 300	~~3.53~~	12.93	4.11	19.53	-183	125	0.89	8.21	Reduce flow speed
10/2	1453	300	3.45	13.40	4.06	19.87	-214	112	0.78	8.06	
10/2	1458	300	~~4.56~~	13.34	4.05	19.63	-231	139	0.46	8.06	
10/2	1503	300	~~6.75~~	10.22	5.06	19.47	-248	97.8	0.18	8.06	
10/2	1508	300	9.0	9.93	5.03	19.54	-246	76.4	0.09	8.06	
10/2	1513	300	10.5	9.81	4.97	19.42	-242	66.4	0.06	8.06	
10/2	1518	300	12.0	9.74	4.93	19.40	-239	63.5	0.00	8.06	
10/2	1523	300	13.5	9.72	4.92	19.46	-236	62.1	0.00	8.06	

COMMENTS PID = 1.9 ppm

SAMPLE COLLECTION

Sample Date 10/2/25	Sample Time 1525
Sample ID 221407-MW-6-20251002	
QA/QC Collected / ID N/A	Sample Appearance/Odor
Analyses VOCs, SVOCs, PCBs, Cyanide, TAL Metals, HEX Chrome, 1,4 dioxane	
Sampler S. Arnold	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Ft. A.P.	Project No: 160540	Page 1 of 1
Well ID 13-28/MW-28	Date 30CT25	Time 1150
Well Site Description flush		
Weather/Temp Sunny / 80°		
Field Technician L. Council		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) —	Screened Interval (ft bgs) Unknown
Well Diameter (in.) 2"	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 17.8	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) ~~TOC 4.04~~ TOC 6.04
Product column height (ft) —	Water column height (ft) 11.02
Product volume (Gallons) —	Water volume (Gallons) 1.79

PURGE INFORMATION

Pump Type / ID Redi	Water Quality Meter Type / ID Horiba / 224386
Pump Intake Depth (ft) 14	Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1200	Appearance/Odor (Start) black / strong petroleum odor
Purge End Time 1245	Appearance/Odor (End) clear w/ black specks / strong HC. odor
Average Purge Rate (mL/min) 250	Total Drawdown (ft) 0.65

Well Went Dry (Y/N)	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) ~13L	Total Pump Time (min) 45	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
30CT25	1200	250	1.25	8.25	30.8	20.28	-136	94.0	7.3	6.55
	1205	250	2.50	8.24	30.8	20.94	-142	201.0	3.7	6.55
	1210	250	3.75	8.19	31.1	21.10	-163	56.0	0.8	6.61
	1215	250	5.00	8.23	30.8	21.58	-228	19.6	0.0	6.66
	1220	250	6.25	8.26	30.6	21.60	-252	10.3	0.6	6.69
	1225	250	7.50	8.30	30.5	21.56	-266	7.1	0.0	6.69
	1230	250	8.75	8.34	30.1	21.53	-286	6.0	0.0	6.69
	1235	250	10.00	8.35	30.1	21.42	-297	4.6	0.0	6.67
	1240	250	11.25	8.36	29.6	21.55	-303	3.2	0.0	6.69
	1245	250	12.50	8.37	29.6	21.54	-305	3.0	0.0	6.69

COMMENTS PID: 1.1 ppm

SAMPLE COLLECTION

Sample Date 30CT25	Sample Time 1300
Sample ID 224402-B-28/MW-28-20251003	
QA/QC Collected / ID 224402-MW-FR-DUP-01-20251003	Sample Appearance/Odor Cloudy to clear w/ black specks, strong petroleum odor.
Analyses VOCs, SVOCs, PCBs, 1,4-Dioxane, Hex Cr, Metals, Chloride	
Sampler L. Council	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt / City Storage	Project No: 1602540	Page 1 of 1
Well ID WW-MW-16	Date 10/3/25	Time 1208
Well Site Description Good		
Weather/Temp 74°F Sunny		
Field Technician A. Faux		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) —	Screened Interval (ft bgs) —
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.) 4inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 15.33	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 4.85
Product column height (ft) N/A	Water column height (ft) 10.48
Product volume (Gallons) N/A	Water volume (Gallons) 1.71

PURGE INFORMATION

Pump Type / ID Peri / 224458		Water Quality Meter Type / ID Horiba / 2115X
Pump Intake Depth (ft) 9.0		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1208		Appearance/Odor (Start) Clear / No odor
Purge End Time 1243		Appearance/Odor (End) Clear / No odor
Average Purge Rate (mL/min) 250		Total Drawdown (ft) 0.76
Well Went Dry (Y/N) N	Stop Time 1243	Volume removed (L) 8.75
Recovery Time 35 min	Recovery Rate (mL/min) 250	Restart Purge Time N/A
Total Volume Removed (L) 8.75		Total Pump Time (min) 35

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/3/25	1208	250	0	8.89	1.57	25.66	-180	10.6	2.34	5.55
	1213	250	1.25	7.34	0.940	25.61	-161	9.2	0.74	5.60
	1218	250	2.5	6.34	0.938	25.02	-155	3.6	0.63	5.61
	1223	250	3.75	6.31	0.937	25.02	-156	3.7	0.84	5.61
	1228	250	5	6.07	1.02	24.93	-168	1.4	0.47	5.61
	1233	250	6.25	6.03	1.03	24.81	-170	0.4	0.56	5.61
	1238	250	7.5	6.01	1.04	24.71	-171	0.5	0.65	5.61
	1243	250	8.75	6.02	1.04	24.67	-171	0.0	0.60	5.61

COMMENTS 0.1 PID

SAMPLE COLLECTION

Sample Date 10/3/25	Sample Time 1243
Sample ID 224402-WW-MW-16-20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor Clear / No odor
Analyses VOCs, SVOCs, TAL metals, Cyanide, Hexavalent, PFAS, 1-4 Dioxane, PCBs	
Sampler A. Faux	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt	Project No: 1602540	Page 1 of 1
Well ID WW-MW-18	Date 10/3/2025	Time 0935
Well Site Description good, sealed		
Weather/Temp 57°, Sunny		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) -
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) 2 inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 13.85	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 2.26
Product column height (ft) N/A	Water column height (ft) 11.59
Product volume (Gallons) N/A	Water volume (Gallons) 1.89

PURGE INFORMATION

Pump Type / ID Peripump C15906)	Water Quality Meter Type / ID Horiba (21112)
Pump Intake Depth (ft) 10	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1005	Appearance/Odor (Start) clear, ~~light~~ strong HC odor
Purge End Time 1040	Appearance/Odor (End) clear, strong HC odor
Average Purge Rate (mL/min) 257	Total Drawdown (ft) 2.23

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/3/25	1010	300	1.5	7.84	0.570	23.44	40	5.6	0.21	6.22
10/3/25	1015	300	3.0	7.49	0.578	23.46	-3	38.2	0.01	5.34
10/3/25	1020	300	4.5	7.50	0.532	23.34	-15	37.8	0.07	5.49
10/3/25	1025	300	6.0	7.61	0.542	23.23	-25	33.3	0.00	5.79
10/3/25	1030	200	7.0	7.67	0.562	23.04	-35	4.9	0.00	4.37
10/3/25	1035	200	8.0	7.65	0.564	23.01	-39	4.4	0.00	4.91
10/3/25	1040	200	9.0	7.71	0.564	23.08	-42	4.1	0.00	4.49
	(EB)									

COMMENTS PID = 7.7 ppm

SAMPLE COLLECTION

Sample Date 10/3/2025	Sample Time 1042
Sample ID 224407-~~AA-WW~~ EB WW-MW-18-20251003	
QA/QC Collected / ID	Sample Appearance/Odor clear, strong HC odor
Analyses VOCs, SVOCs, TAL Metals, Cyanide, Hex Chrome, PFAS, 1-4 dioxane, PCVs	
Sampler E Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt / City Storage	Project No: 160 2540	Page 1 of 1
Well ID MW-208S	Date 10/3/25	Time 0840
Well Site Description		
Weather/Temp 60° F Sunny		
Field Technician A. Faux		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.) 2 inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 11.64	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) ~~3.78~~ 3.11
Product column height (ft) N/A	Water column height (ft) 11.53
Product volume (Gallons) N/A	Water volume (Gallons) 1.88

PURGE INFORMATION

Pump Type / ID Peri.		Water Quality Meter Type / ID Horiba / 21158
Pump Intake Depth (ft) 9.64		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0840		Appearance/Odor (Start) Clear / No odor
Purge End Time 0925		Appearance/Odor (End) Clear / No odor
Average Purge Rate (mL/min) 250		Total Drawdown (ft) 0.02
Well Went Dry (Y/N) N	Stop Time 0925	Volume removed (L) 11.25
Recovery Time 45 mins	Recovery Rate (mL/min) 250	Restart Purge Time N/A
Total Volume Removed (L) 11.25		Total Pump Time (min) 45

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/3/25	0840	250	0	5.19	3.80	16.08	-228	48.8	2.08	3.11
	0845	250	1.25	5.94	3.28	17.35	-245	54.2	0.93	3.11
	0850	250	2.5	6.13	2.88	18.31	-236	47.8	0.68	3.13
	0855	250	3.75	6.15	2.71	18.97	-228	30.9	0.52	3.13
	0900	250	5	6.14	2.62	19.22	-222	23.9	1.04	3.13
	0905	250	6.25	6.14	2.57	19.66	-220	18.0	0.41	3.13
	0910	250	7.5	6.12	2.48	20.02	-212	15.1	0.60	3.13
	0915	250	8.75	6.12	2.46	2.19	-212	11.3	0.35	3.13
	0920	250	10	6.12	2.44	20.22	-209	10.7	0.33	3.13
	0925	250	11.25	6.11	2.42	20.23	-207	10.3	0.38	3.11

COMMENTS 9.9 PID

SAMPLE COLLECTION

Sample Date 10/3/25	Sample Time 0925
Sample ID 224402 - MW-208S - 20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor Clear / No odor
Analyses VOCs, SVOCs, TAL, metals, Cyanide, Hexchrom, PFAS, 1,4 Dioxane, PCBs	
Sampler A. Faux	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt	Project No: 1602540	Page 1 of 1
Well ID 208I	Date 30CT25	Time 0830
Well Site Description flush mount		
Weather/Temp Sunny 80°		
Field Technician L. Concell		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) Unknown
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) –

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 36.34	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 4.28' ~~bgs~~ TOC
Product column height (ft) —	Water column height (ft) 32.06
Product volume (Gallons) —	Water volume (Gallons) 5.22

PURGE INFORMATION

Pump Type / ID Peristaltic	Water Quality Meter Type / ID Horiba 224386
Pump Intake Depth (ft) 30 ft	Flow-Thru Cell Volume (L) 500 ml
Purge Start Time 0845	Appearance/Odor (Start) Petroleum odor
Purge End Time 0935	Appearance/Odor (End) Pet. odor
Average Purge Rate (mL/min) ~~500~~ 375	Total Drawdown (ft) 0.83

Well Went Dry (Y/N)	Stop Time 0955	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) 50	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
30CT25 ~~0847~~	0845	500	~~2.50~~ 0	7.59	12	15.72	-69	54.2	17.3	5.01
	0850	500	2.5	8.74	12.6	15.66	-127	51.8	11.4	5.03
	0855	500	5.0	9.08	11.8	15.59	-159	35.5	7.5	5.02
	0900	500	7.5	9.16	11.3	15.55	-166	54.1	4.0	5.04
	0905	500	10.0	9.23	10.6	15.50	-175	21.3	1.7	5.11
	0910	250	~~12.5~~ @	9.23	10.5	15.85	-175	20.9	0.3	5.09
	0915	250	~~15.0~~ @	9.24	10.6	15.89	-176	17.4	0.0	4.92
	0920	250	~~17.5~~ @	9.24	10.4	15.90	-178	13.7	0.0	4.95
	0925	250	~~20.0~~ @	9.25	10.3	15.92	-178	11.7	0.0	4.95
	0930	250		9.25	10.2	15.95	-178	11.2	0.0	4.97
↓	0935	250		9.25	10.1	15.98	-178	11.1	0.0	4.95

COMMENTS PID 0.4 ppm; removed old tubing

SAMPLE COLLECTION

Sample Date 30CT25	Sample Time 0940
Sample ID 224402-~~D~~ @ MW208I-20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor Slight sheen / petroleum odor
Analyses VOCs, SVOCs, TAL Metals, Cyanide, Hex Chrom, PFAS, 1-4 Dioxane	
Sampler L. Concell	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt / Citi storage	Project No: 602540	Page 1 of 1
Well ID MW-208D	Date 10/3/25	Time 1010
Well Site Description Good		
Weather/Temp 60° F sunny		
Field Technician A. Faux		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) –	Screened Interval (ft bgs) –
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.) 6 inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 62.02	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 4.22
Product column height (ft) N/A	Water column height (ft) 57.80
Product volume (Gallons) N/A	Water volume (Gallons) 9.42

PURGE INFORMATION

Pump Type / ID Bes / 224458		Water Quality Meter Type / ID Horiba / 21158
Pump Intake Depth (ft) 56.00		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1010		Appearance/Odor (Start) clear / No odor
Purge End Time 1045		Appearance/Odor (End) clear / No odor
Average Purge Rate (mL/min) 250		Total Drawdown (ft) 0.05
Well Went Dry (Y/N) N	Stop Time 1100	Volume removed (L) 12.5
Recovery Time 50 mins	Recovery Rate (mL/min) 250	Restart Purge Time N/A
Total Volume Removed (L) 12.5		Total Pump Time (min) 50 mins

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/3/25	1010	250	0	6.65	5.87	24.62	-169	9.8	1.62	4.22
	1015	250	1.25	7.13	9.49	23.39	-248	13.5	0.47	4.25
	1020	250	2.5	7.40	14.2	23.36	-285	24.7	0.38	4.26
	1025	250	3.75	7.65	16.8	21.51	-303	33.9	0.40	4.26
	1030	250	5	7.85	17.6	21.91	-316	33.0	0.26	4.26
	1035	250	6.25	8.05	18.9	21.79	-319	29.0	0.23	4.27
	1040	250	7.5	8.08	20.6	21.15	-308	22.9	0.26	4.27
	1045	250	8.75	7.75	22.7	20.81	-259	22.1	0.20	4.27
	1050	250	10	7.70	23.6	20.73	-252	18.2	0.20	4.27
	1055	250	11.25	7.82	23.9	20.62	-250	17.6	0.21	4.27
	1100	250	12.5	7.77	23.9	20.63	-249	16.9	0.22	4.27

COMMENTS 1.2 PID

SAMPLE COLLECTION

Sample Date 10/3/25	Sample Time 1100
Sample ID 224402-MW-208D-20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear / No odor
Analyses VOCs, SVOCs, TAL Metals, Cyanide, PFAS, 1-4 dioxane, PCBs, Hexavalent	
Sampler A. Faux	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt	Project No: 1602540	Page 1 of 1
Well ID MW-209S	Date 10/3/2025	Time 0735
Well Site Description good, sealed		
Weather/Temp 51°, sunny		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) -
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 2inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 13.96	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 3.64
Product column height (ft) N/A	Water column height (ft) 10.32
Product volume (Gallons) N/A	Water volume (Gallons) 1.68

PURGE INFORMATION

Pump Type / ID peri pump (15906)	Water Quality Meter Type / ID Horiba (21112)
Pump Intake Depth (ft) 11	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0805	Appearance/Odor (Start) clear, strong HC odor
Purge End Time 0900	Appearance/Odor (End) clear, strong HC odor
Average Purge Rate (mL/min) 600	Total Drawdown (ft) 0.35

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/3/25	0810	600	3	6.76	0.644	21.25	237	45.4	7.18	3.91
10/3/25	0815	600	6	7.01	0.634	22.27	157	50.9	6.51	3.93
10/3/25	0820	600	9	7.05	0.637	22.67	96	19.5	6.24	3.93
10/3/25	0825	600	12	7.13	0.641	22.66	64	0.0	5.76	3.93
10/3/25	0830	600	15	7.14	0.642	22.58	46	0.0	5.28	3.96
10/3/25	0835	600	18	7.22	0.644	22.52	33	0.0	4.71	3.96
10/3/25	0840	600	21	7.20	0.643	22.49	28	0.0	4.70	3.96
10/3/25	0845	600	24	7.24	0.645	22.44	21	0.0	3.85	3.96
10/3/25	0850	600	27	7.26	0.646	22.38	15	0.0	3.66	3.98
10/3/25	0855	600	30	7.26	0.647	22.35	13	0.0	3.44	3.98
10/3/25	0900	600	33	7.26	0.653	22.32	10	0.0	3.69	3.94

COMMENTS PID = 3.1ppm

SAMPLE COLLECTION

Sample Date 10/3/2025	Sample Time 0902
Sample ID 224402-MW209S-20251003	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, strong HC odor
Analyses VOCs, SVOCs, TAL Metals, Cyanide, HexChrome, PFAS, 1-4 dioxane, PCVs	
Sampler Eric Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt	Project No: 1602540	Page 1 of 1
Well ID MW-709I	Date 10/2/25	Time ~~1342~~ 1347
Well Site Description good, sealed		
Weather/Temp 68° sunny		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.56gs	Screened Interval (ft bgs)
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 2inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 29.15	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 5.60
Product column height (ft) N/A	Water column height (ft) 23.55
Product volume (Gallons) N/A	Water volume (Gallons) 3.84

PURGE INFORMATION

Pump Type / ID Peri pump (15096)	Water Quality Meter Type / ID Horiba (21112)
Pump Intake Depth (ft) 25	Flow-Thru Cell Volume (L) 0.5
Purge Start Time ~~1402~~ 1407	Appearance/Odor (Start) ~~clear~~ EB cloudy, strong HC odor
Purge End Time 1447	Appearance/Odor (End) clear, strong HC odor
Average Purge Rate (mL/min)	Total Drawdown (ft) 0.23

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/2/25	1407	500	2.5	6.88	0.965	19.66	122	262	0.51	5.95
10/2/25	1412	500	5.6	6.88	0.961	19.03	103	160	0.21	5.95
10/2/25	1417	500	7.5	6.89	0.958	18.94	97	148	0.00	5.95
10/2/25	1422	500	10	6.91	0.959	18.98	89	41.7	0.00	5.95
10/2/25	1427	500	12.5	6.91	0.967	19.01	85	17.0	0.00	5.95
10/2/25	1432	300	14	6.84	0.473	19.54	84	19.3	0.00	5.95
10/2/25	1437	300	15.5	6.91	1.21	19.60	79	8.1	0.00	5.95
10/2/25	1442	300	17	6.91	1.21	20.04	74	7.7	0.00	~~5.95~~ 5.83
10/2/25	1447	300	18.5	6.90	1.21	20.31	74	8.4	0.00	5.83
		EB								

COMMENTS PID = 140 ppm

SAMPLE COLLECTION

Sample Date 10/2/2025	Sample Time 1449
Sample ID 724402-MW209I-20251002	
QA/QC Collected / ID MS/MSD collected	Sample Appearance/Odor clear, strong HC odor
Analyses VOCs, SVOCs, TAL Metals, Cyanide, HexChrome, PFAS, 1-4 dioxane, PCBs	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt	Project No: 1602540	Page 1 of 1
Well ID MW-2090	Date 10/2/25	Time 1405
Well Site Description Good		
Weather/Temp 67° F Sunny		
Field Technician A. Fair		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5 bgs	Screened Interval (ft bgs) -
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.) -

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 45.04	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 5.71
Product column height (ft) N/A	Water column height (ft) 39.33
Product volume (Gallons) N/A	Water volume (Gallons) ~~10~~ 6.41

PURGE INFORMATION

Pump Type / ID Peri		Water Quality Meter Type / ID Horiba / 2458
Pump Intake Depth (ft) 40.04		Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1405		Appearance/Odor (Start) Clear / No odor
Purge End Time 1445		Appearance/Odor (End) Clear / No odor
Average Purge Rate (mL/min) 250		Total Drawdown (ft) 0.13
Well Went Dry (Y/N) N	Stop Time 1445	Volume removed (L) 10
Recovery Time 40 min	Recovery Rate (mL/min) 250	Restart Purge Time N/A
Total Volume Removed (L) 10		Total Pump Time (min) 30

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/2/25	1405	~~250~~	0	9.60	2.61	20.61	-168	53.9	2.29	5.71
	1410	250	~~0.25~~	9.04	3.05	20.26	-316	33.2	1.07	5.83
	1415	250	2.5	8.48	3.36	19.90	-333	25.8	0.49	5.83
	1420	250	3.75	8.09	3.52	19.80	-317	16.0	0.43	5.84
	1425	250	5	7.91	3.58	19.81	-311	14.0	0.34	5.84
	1430	250	6.25	7.77	3.63	19.74	-306	13.9	0.31	5.84
	1435	250	7.5	7.70	3.65	19.70	-304	14.3	0.29	5.84
	1440	250	8.75	7.64	3.67	19.67	-303	16.8	0.27	5.84
↓	1445	250	10	7.63	3.68	19.60	-301	15.6	0.26	5.84

COMMENTS 0.6 ID

SAMPLE COLLECTION

Sample Date 10/2/25	Sample Time 1445
Sample ID 224402-MW2090-20251002	
QA/QC Collected / ID N/A	Sample Appearance/Odor N/A
Analyses VOCs, SVOCs, TAL Metals, Cyanide, Hexchrom, PFAS, 1-4 dioxane, PCBs	
Sampler A. Fair	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Pratt	Project No: 60258.0	Page 1 of 1
Well ID MW-210S	Date 10/2/2025	Time 0930
Well Site Description good, unsealed		
Weather/Temp 58° sunny		
Field Technician E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.56gs	Screened Interval (ft bgs) –
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 2inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 15.57	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 7.96
Product column height (ft) N/A	Water column height (ft) 7.61
Product volume (Gallons) N/A	Water volume (Gallons) 1.24

PURGE INFORMATION

Pump Type / ID Peri pump (15096)	Water Quality Meter Type / ID Horiba (21112)
Pump Intake Depth (ft) 14	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 0955	Appearance/Odor (Start) clear, strong HC odor
Purge End Time 1035	Appearance/Odor (End) clear, strong HC odor
Average Purge Rate (mL/min) 400	Total Drawdown (ft) 0.03

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/2/25	1000	400	2	7.26	1.02	14.67	54	34.6	0.00	7.99
10/2/25	1005	400	4	7.38	0.993	20.49	30	10.6	0.14	7.99
10/2/25	1010	400	6	7.54	0.978	21.05	23	2.2	0.72	7.99
10/2/25	1015	400	8	7.56	0.971	21.48	26	1.0	1.02	7.99
10/2/25	1020	400	10	7.66	1.13	21.80	23	0.5	1.20	7.99
10/2/25	1025	400	12	7.70	1.13	21.94	22	0.6	1.08	7.99
10/2/25	1030	400	14	7.67	1.12	22.15	25	2.5	1.14	7.99
10/2/25	1035	400	16	7.66	1.13	22.22	26	3.5	1.14	7.99
		EB								

COMMENTS PID = 12.1 ppm

SAMPLE COLLECTION

Sample Date 10/2/2025	Sample Time 1037
Sample ID 224402-MW210S-20251002	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear strong HC odor
Analyses VOCs, SVOCs, TAL Metals, Cyanide, Hexchrome, PFAS, 1-4 dioxane, PCBs	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Pratt	Project No: 1602540	Page 1 of 1
Well ID	MW-210I	Date 10/2/2025	Time 1105
Well Site Description	Good		
Weather/Temp	63° sunny		
Field Technician	E. Beardslee		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 0.5	Screened Interval (ft bgs) —
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 2inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 39.43	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 6.69
Product column height (ft) N/A	Water column height (ft) 32.74
Product volume (Gallons) N/A	Water volume (Gallons) 5.34

PURGE INFORMATION

Pump Type / ID Peri pump (15096)	Water Quality Meter Type / ID Horiba (2192)
Pump Intake Depth (ft) 34	Flow-Thru Cell Volume (L) 0.5
Purge Start Time 1117	Appearance/Odor (Start) slightly cloudy, strong HC odor
Purge End Time 1207	Appearance/Odor (End) clear strong HC odor
Average Purge Rate (mL/min) 450	Total Drawdown (ft) ~~37.74~~ EB 0.13

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/2/25	1122	600	3	7.65	2.97	14.36	44	245	0.25	6.82
10/2/25	1127	600	6	7.82	3.09	15.66	-8	199	0.00	6.82
10/2/25	1132	600	9	7.88	3.10	15.34	-26	103	0.00	6.82
10/2/25	1137	600	12	7.88	3.10	16.41	-34	66.1	0.00	6.82
10/2/25	1142	600	15	7.98	3.07	18.5	-48	37.1	0.00	6.82
10/2/25	1147	300	16.5	7.90	3.08	18.42	-48	17.0	0.00	6.82
10/2/25	1152	300	18	7.98	3.06	19.21	-56	15.0	0.00	6.82
10/2/25	1157	300	~~20~~ 19.5	7.97	3.06	19.27	-60	7.5	0.00	6.82
10/2/25	1202	300	21	8.02	3.02	19.91	-67	6.2	0.00	6.82
10/2/25	1207	300	22.5	7.97	3.05	19.41	-69	4.5	0.00	6.82
—	EB	—	—	—	—	—	—	—	—	—

COMMENTS PID: 3.8 ppm

SAMPLE COLLECTION

Sample Date 10/2/2025	Sample Time 1209
Sample ID 224402-MW210I-20251002	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, strong HC odor
Analyses VOCs, SVOCs, TAL Metals, Cyanide, HexChrom, PFAs, 1-4 dioxane, PCVs	
Sampler E. Beardslee	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Pratt	Project No: 602540	Page 1 of 1
Well ID	210D	Date 10/1/2025	Time ~~SE~~ 1558
Well Site Description	good, sealed		
Weather/Temp	70° sunny		
Field Technician	E. Beardslee, L. Councell		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 4.5 bgs	Screened Interval (ft bgs) -
Well Diameter (in.) ~~4~~ 2 in	Nominal Borehole Diameter (in.) -

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 61.7	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 6.68
Product column height (ft) N/A	Water column height (ft) 55.02
Product volume (Gallons) N/A	Water volume (Gallons) 8.97

PURGE INFORMATION

Pump Type / ID Peri pump (5906)	Water Quality Meter Type / ID Horiba (27790)
Pump Intake Depth (ft) 55	Flow-Thru Cell Volume (L) 500 mL
Purge Start Time 1605	Appearance/Odor (Start) clear, strong HC smell
Purge End Time 1635	Appearance/Odor (End) clear, light HC odor
Average Purge Rate (mL/min) 700	Total Drawdown (ft) 0.33

Well Went Dry (Y/N) N	Stop Time —	Volume removed (L) —
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) —	Total Pump Time (min) —	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <5 mg/L	Depth to Water (ft below TOC)
10/1/25	1610	700	3.5	7.44	3.37	20.42	-148	70.7	0.00	7.01
10/1/25	1615	700	7.0	7.67	3.38	20.21	-165	71.4	0.00	7.01
10/1/25	1620	700	10.5	7.70	3.38	19.90	-169	86.6	0.00	7.01
10/1/25	1625	700	14	7.70	3.37	19.84	-172	68.9	0.00	7.01
10/1/25	1630	700	17.5	7.67	3.35	19.73	-171	64.2	0.00	7.01
10/1/25	1635	700	21	7.71	3.35	19.73	-174	64.2	0.00	7.01
			EB							

COMMENTS 2.1 ppm = PID

SAMPLE COLLECTION

Sample Date 10/1/2025	Sample Time 1637
Sample ID 224402-MW-210D-20251001	
QA/QC Collected / ID N/A	Sample Appearance/Odor clear, light HC odor
Analyses VOCs, SVOCs, PCBs, TAL Metals, Cyanide, Hex Chrome, PFAs, 1-4 dioxane	
Sampler ERT Beardslee	Signature

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Appendix H
Soil Vapor Sampling Field Forms

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FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: MVIDEC
Location: Paoli/Citi
Project Manager: Kristina Thayer

Site ID Number:	SVP-1			Sampler(s):	KS
PID Meter Used (Model, Serial #):	FA04760, Mini RAE 3000			Soil Vapor I.D. No.:	SVP-1

SUMMA Canister Record:

	SOIL VAPOR POINT	DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	~~0205~~ 0921	Flow Regulator No.:	
Canister Serial No.:	5840	Canister Serial No.:	
Start Date/Time:	10/6/25 ~~1145~~ 1150	Start Date/Time:	KS
Start Pressure: (inches Hg)	-29.4 -30.80	Start Pressure: (inches Hg)	
Stop Date/Time:	10/6/25 1350	Stop Date/Time:	
Stop Pressure: (inches Hg)	-12.32	Stop Pressure: (inches Hg)	
Sample ID:		Sample ID:	

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	70.2%	Depth to sample point:	1.7-1.8
Tracer Gas test result (% of Hellium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	Yes	Additional Info:	Shut-in Test: PASS Helium Purge for 60s
Purge Volume PID Reading ~~(ppb)~~ KS	536.4 ppm		
Duplicate Sample?	NO		
Outdoor Ambient Temperature:	71°F		
Wind Direction:	4 mph NE		

Comments:

5 ft 1/4" Tubing = 0.0102 gallons = 38.6ml
40 ml purged w/ syringe prior to helium shut-in Test

Sampler Signature: KS

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYSDEC
Location: Pratt
Project Manager: Kristina Thyne

Site ID Number: SVP-2				Sampler(s):	KS
PID Meter Used (Model, Serial #):	FA04760, Mini RAE 3000			Soil Vapor I.D. No.:	SVP-2

SUMMA Canister Record:

	SOIL VAPOR POINT	DUPLICATE SAMPLE (IF COLLECTED)
Flow Regulator No.:	03013	
Canister Serial No.:	1052	
Start Date/Time:	10/6/25 1006	
Start Pressure: (inches Hg)	-29.4 (Vac) 30.32	KS
Stop Date/Time:	10/6/25 1206	
Stop Pressure: (inches Hg)	-12.49	
Sample ID:		Sample ID:

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	49.8%	Depth to sample point: 1.9-2.0	
Tracer Gas test result (% of Helium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	Yes	Additional info: Shut-in Test: PASS Helium Purge for 60sec	
Purge Volume PID Reading (ppb)	104.6 ppm		
Duplicate Sample?	NO		
Outdoor Ambient Temperature:	69°F		
Wind Direction:	5 mph NE		

Comments:

4.5 ft 1/4" Tubing = 0.0115 gallons = 43.5 ml
45 ml purged w/ syringe prior to Helium Shut-in Test

Sampler Signature: Kristina Thyne

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: USDEC
Location: Pratt
Project Manager: Kritika Thapa

Site ID Number: SVP-3				Sampler(s):	KS
PID Meter Used (Model, Serial #):	PA04760 / MiniRAE 3000			Soil Vapor I.D. No.:	SVP-3

SUMMA Canister Record:

	SOIL VAPOR POINT		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	03001		Flow Regulator No.:	
Canister Serial No.:	5964		Canister Serial No.:	
Start Date/Time:	10/6/25	938	Start Date/Time:	KS
Start Pressure: (inches Hg)	-29.4 (Tag)	-29.90	Start Pressure: (inches Hg)	
Stop Date/Time:	10/6/25	1138	Stop Date/Time:	
Stop Pressure: (inches Hg)	-5.41		Stop Pressure: (inches Hg)	
Sample ID:			Sample ID:	

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	60.7%	Depth to sample point: 2.2 - 2.3	
Tracer Gas test result (% of Helium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	Yes	Additional info: Shut-in Test: PASS	
Purge Volume PID Reading ~~(ppb)~~ KS	273.6 ppm	Helium Purge for 60sec	
Duplicate Sample?	NO		
Outdoor Ambient Temperature:	66°F		
Wind Direction:	5 mph NE		

Comments:

5 ft 1/4" Tubing = 0.0127 gallons = 48.1 ml
50ml purged w/ syringe prior to Helium Shut-in Test

Sampler Signature: [signature]

FIELD SOIL VAPOR SAMPLING FORM

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SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYSDEC
Location: Poh
Project Manager: Kathka Trapp

Site ID Number: SVP-4				Sampler(s):	KJ
PID Meter Used (Model, Serial #):	FA04760, MiniRAE 3000			Soil Vapor I.D. No.:	SVP-4

SUMMA Canister Record:

	SOIL VAPOR POINT	DUPLICATE SAMPLE (IF COLLECTED)
Flow Regulator No.:	02838	
Canister Serial No.:	5639	
Start Date/Time:	10/6/25 910	
Start Pressure: (inches Hg)	29.4 (Hg), 31.30	
Stop Date/Time:	10/6/25 1110	
Stop Pressure: (inches Hg)	-5.65	
Sample ID:		Sample ID:

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	30%	Depth to sample point: 1.9-2.0	
Tracer Gas test result (% of Helium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	Yes	Additional info: Shut-in Test: PASS Helium Purge for 60 sec	
Purge Volume PID Reading ~~(ppb)~~ KJ	271.4 ppm		
Duplicate Sample?	NO		
Outdoor Ambient Temperature:	68°F		
Wind Direction:	5 mph NE		

Comments:

5 ft ¼" tubing = 0.0127 gallons = 48.1 ml
50 ml purged w/ syringe prior to Helium Shut-in Test

Sampler Signature: [signature]

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYSDEC
Location: Pratt/Citi
Project Manager: Krista Thada

Site ID Number: SVP-5				Sampler(s):	KS
PID Meter Used (Model, Serial #):	FA04760, MiniRAE 3000			Soil Vapor I.D. No.:	SVP-5

SUMMA Canister Record:

	SOIL VAPOR POINT	DUPLICATE SAMPLE (IF COLLECTED)
Flow Regulator No.:	02348	
Canister Serial No.:	5816	
Start Date/Time:	10/6/25 842	
Start Pressure: (inches Hg)	-29.5 (Tag) -30.30	
Stop Date/Time:	10/6/25 1042	
Stop Pressure: (inches Hg)	-4.23	
Sample ID:		Sample ID:

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	70%	Depth to sample point: 2-2-2.5	
Tracer Gas test result (% of Helium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	NO	Additional info: Shut-in Test: PASS	
Purge Volume PID Reading ~~(ppb)~~ KS	0.8 ppm	Helium Purge for 60cc	
Duplicate Sample?	NO		
Outdoor Ambient Temperature:	63°F		
Wind Direction:	6 mph NE		

Comments:

4 ft 1/4" tubing = 0.0102 gallons = 38.6 ml
40 ml purged w/ syringe prior to Helium Shut-in test

Sampler Signature: KS

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NMOEC
Location: Prukh/Citi
Project Manager: Krishna Thapa

Site ID Number: SVP-6				Sampler(s):	KS
PID Meter Used (Model, Serial #):	FA04760, MiniRAE 3000			Soil Vapor I.D. No.:	SVP-6

SUMMA Canister Record:

	SOIL VAPOR POINT	DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	01350	Flow Regulator No.:	01391
Canister Serial No.:	5760	Canister Serial No.:	5782
Start Date/Time:	10/6/25 820	Start Date/Time:	10/6/25 1026
Start Pressure: (inches Hg)	-29.5 (Tag) / -30.36	Start Pressure: (inches Hg)	-29.4 (Tag) -30.41
Stop Date/Time:	10/6/25 1020	Stop Date/Time:	10/6/25 1226
Stop Pressure: (inches Hg)	-9.20	Stop Pressure: (inches Hg)	-4.19
Sample ID:		Sample ID:	

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	71.6%	Depth to sample point: 2.2-2.3	
Tracer Gas test result (% of Helium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	NO	Additional info: Shutin Test: Pass Helium purge for 60sec	
Purge Volume PID Reading (~~ppb~~) KS	2.9 ppm		
Duplicate Sample?	Yes		
Outdoor Ambient Temperature:	63°F		
Wind Direction:	6 mph NE		

Comments:

4ft 1/4" tubing = 0.0102 gallon = 38.6 ml
40 ml purged w/ syringe prior to Helium shutin test

Sampler Signature: K. Thapa

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYJOEC
Location: City Storage
Project Manager: Kritika Thapa

Site ID Number:	SVP-7			Sampler(s):	KS, KC
PID Meter Used (Model, Serial #):		FA04760, MiniRAE 3000		Soil Vapor I.D. No.:	SVP-7

SUMMA Canister Record:

	SOIL VAPOR POINT		DUPLICATE SAMPLE (IF COLLECTED)
Flow Regulator No.:	02345		
Canister Serial No.:	4920		
Start Date/Time:	10/6/25	1254	ks
Start Pressure: (inches Hg)	-29.2 (Tag)	-30.29	
Stop Date/Time:	10/6/25	1454	
Stop Pressure: (inches Hg)	-15.94		
Sample ID:			Sample ID:

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	70.1%	Depth to sample point:	4.0-4.5' bgs
Tracer Gas test result (% of Helium):	0 %	Nearest Groundwater Elevation:	
Noticeable Odor?	No	Additional Info: Shut-in Test: PASS	
Purge Volume PID Reading ~~(ppb)~~ ks	0.0 ppm		
Duplicate Sample?	No		
Outdoor Ambient Temperature:	70 °F		
Wind Direction:	9 mph NE		

Comments:

9 Ft 1/4" Tubing = 0.0229 gallons 86.69 ml
90.00 ml purged prior to shutin test w/ syringe

Sampler Signature: KS

FIELD SOIL VAPOR SAMPLING FORM

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SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYSDEC
Location: CiH/PaH
Project Manager: Kristina Thuma

Site ID Number:	SVP-8	Sampler(s):	KS
PID Meter Used (Model, Serial #):	FA04760, MiniRAE 3000	Soil Vapor I.D. No.:	SVP-8

SUMMA Canister Record:

	SOIL VAPOR POINT	DUPLICATE SAMPLE (IF COLLECTED)
Flow Regulator No.:	01415	
Canister Serial No.:	3062	
Start Date/Time:	10/6/25 1246	KS
Start Pressure: (inches Hg)	-29.4 (Tag), -30.65	
Stop Date/Time:	10/6/25 1446	
Stop Pressure: (inches Hg)	-14.98	
Sample ID:		Sample ID:

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	55%	Depth to sample point:	4.0-4.5' bgs
Tracer Gas test result (% of Helium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	ND	Additional Info: shut-in Test: PASS 80ml purged prior to 60 sec shut-in Test.	
Purge Volume PID Reading ~~(ppb)~~ KS	0.1 ppm.		
Duplicate Sample?	ND		
Outdoor Ambient Temperature:	71°F		
Wind Direction:	9mph NE		

Comments:

8 ft. 1/4" Tubing ≈ 0.0204 gallons ≈ 77.22ml
80.00 ml purged prior to shut-in test w/ syringe

Sampler Signature: [signature]

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYSDEC
Location: Citi Storage
Project Manager: Kristen Thayer

Site ID Number:	SVP-10			Sampler(s):	KS, KC
PID Meter Used (Model, Serial #):	FA04760, MiniRAE 3000			Soil Vapor I.D. No.:	SVP-10

SUMMA Canister Record:

SOIL VAPOR POINT		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	01927	Flow Regulator No.:	03217
Canister Serial No.:	3277	Canister Serial No.:	3382
Start Date/Time:	10/3/25 1501	Start Date/Time:	10/6/25 1505
Start Pressure: (inches Hg)	-29.5 (Tag), -30.43	Start Pressure: (inches Hg)	-29.4 (Tag) - 30.25
Stop Date/Time:	10/3/25, 1701	Stop Date/Time:	10/6/25 1505
Stop Pressure: (inches Hg)	-5.8	Stop Pressure: (inches Hg)	-14.89
Sample ID:		Sample ID:	

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	68.2%	Depth to sample point:	5.5' - 5.0' bgs
Tracer Gas test result (% of Helium):	0%	Nearest Groundwater Elevation:	
Noticeable Odor?	NO	Additional info:	Shut-in Test: PASS
Purge Volume PID Reading ~~(ppb)~~ KS	1.9 ppm		
Duplicate Sample?	YES		Sampled Citi Blank near SVP-10
Outdoor Ambient Temperature:	77°F		
Wind Direction:	5 mph NE		

Comments:

10 Ft 1/4" tubing = 0.0225 gallons = 85.175 ml
90.00 ml purged w/ syringe prior to shut-in test

Sampler Signature: K. Cl

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYSDEC Citi/Park
Location: Citi Storage
Project Manager: Kritika Thapa

Site ID Number: SVP-11				Sampler(s):	KS, KC
PID Meter Used (Model, Serial #) :				Soil Vapor I.D. No.:	SVP-11

SUMMA Canister Record:

SOIL VAPOR POINT		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	Pace / 02915	Flow Regulator No.:	
Canister Serial No.:	Pace / 2717	Canister Serial No.:	
Start Date/Time:	10/3/25 1445	Start Date/Time:	KS
Start Pressure: (inches Hg)	-30.47, -29.5 (Tag)	Start Pressure: (inches Hg)	
Stop Date/Time:	10/3/25 1645	Stop Date/Time:	
Stop Pressure: (inches Hg)	-8.34	Stop Pressure: (inches Hg)	
Sample ID: 22434-SVP-CT-11-20251003		Sample ID:	

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:	66.1%	Depth to sample point:	5.5'-5.0' bgs
Tracer Gas test result (% of Helium):	~~66.1~~ KS 0%	Nearest Groundwater Elevation:	
Noticeable Odor?	-	Additional info: Shut-in test: Pass	
Purge Volume PID Reading (ppb)	-		
Duplicate Sample?	No	Manual Syringe purge used	
Outdoor Ambient Temperature:	71°F		
Wind Direction:	2mph NE		

Comments:

1/4" tubing 11' = 0.028 gallon capacity = 106 milliliter (ml)
100 ml purged from tubing

Sampler Signature:

FIELD SOIL VAPOR SAMPLING FORM

SOIL VAPOR SAMPLING LOG

Project #:
Project Name: NYDEC Citi/Pratt
Location: Citi Storage
Project Manager: Kritika Thapa

Site ID Number: SVP-12				Sampler(s):	K. Cameron / K. Smeruck
PID Meter Used (Model, Serial #) :				Soil Vapor I.D. No.:	SVP-12

SUMMA Canister Record:

SOIL VAPOR POINT		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	Pace / 0781	Flow Regulator No.:	
Canister Serial No.:	Pace / 2315	Canister Serial No.:	
Start Date/Time:	10/3/25 1426	Start Date/Time:	
Start Pressure: (inches Hg)	-29.5 / -30.25	Start Pressure: (inches Hg)	
Stop Date/Time:	10/3/25 ~~1426~~ KS 1627	Stop Date/Time:	
Stop Pressure: (inches Hg)	-1.58	Stop Pressure: (inches Hg)	
Sample ID: 224341-SVP-CT-12-20251003		Sample ID:	

Other Sampling Information:

Helium percentage achieved in enclosure for Tracer Gas Test:		Depth to sample point:	5.5' - 5.0' bgs
Tracer Gas test result (% of Helium):		Nearest Groundwater Elevation:	
Noticeable Odor?		Additional info: Shut-in test: PASS	
Purge Volume PID Reading (ppb)		Manual syringe purge 80 cc	
Duplicate Sample?	NO		
Outdoor Ambient Temperature:	70° degrees	KS ~~Air 3 rate of purge = 750 ccs/min~~	
Wind Direction:	6 mph NE		

Comments:

[1/4 tubing] 7.5' = 0.0191 gallon capacity : 72.31 ccs/milliliter
3.14159 x .170 x 7.5

Sampler Signature: Kathryn Cameron

EA SOIL GAS LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYSDEC City/Path	SUP-1	1 of 1

1 Geologist Name/Signature	5 Project Number	CORE COLLECTION INFO: 8 Date/Time Collected	Date/Time Processed
Kevin Smelund		10/2/25 1010	
2 Drilling Subcontractor/Equipment Operator	6 Latitude/Northing/Grid	9 Sed Surface Elevation	ft
AARCO		10 Coordinate System H NAD83: V NAVD88	
3 Operator Name *(License # If Required)*	7 Longitude/Easting/Grid	11 Depth of Water, ft (start/end)	
Dave Johnson		12 Weather (Temp, circle conditions, wind direction)	

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ___ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT / Geoprobe 7822DT 2" Diameter Borehole
- [ ] Sample Collection Method:

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
2		

16 Location Notes

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	PID (ppm)	USCS Code
		NO Recovery for DPT Surface cleared of utilities w/ GPR and EM			

SOIL GAS LOG

Client Name and Project Name: NYSDEC CIR/PHA

Location/Boring Name: SUP-2

Sheet: 1 of 1

1 Geologist Name/Signature: Kevin Smead

5 Project Number:

CORE COLLECTION INFO

8 Date/Time Collected: 10/2/25 1505

Date/Time Processed:

2 Drilling Subcontractor/Equipment Operator: AARCO

6 Latitude/Northing/Grid:

9 Sed Surface Elevation: ft

10 Coordinate System: H NAD83: V NAVD88

3 Operator Name (License # If Required): Dave Johnson

7 Longitude/Easting/Grid:

11 Depth of Water, ft (start/end)

12 Weather (Temp, circle conditions, wind direction)

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ____ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT / Geoprobe 7822DT 2" Diameter Borehole
- [ ] Sample Collection Method:

13 Boring Depth (ft): 2.2

14 Recovery (ft):

15 % Recovery:

16 Location Notes

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	PID (ppm)	USCS Code
		NO Recovery for DPT Surface cleared of utilities w/ GPR and EM			

EA SOIL GAS LOG

Client Name and Project Name: NYSDEC Citi/Pratt

Location/Boring Name: SUP-3

Sheet: 1 of 1

1 Geologist Name/Signature: Kevin Smeraud

2 Drilling Subcontractor/Equipment Operator: AARCO

3 Operator Name *(License # If Required)*: Dave

5 Project Number:

6 Latitude/Northing/Grid:

7 Longitude/Easting/Grid:

CORE COLLECTION INFO

8 Date/Time Collected: 10/2/25 1430

Date/Time Processed:

9 Sed Surface Elevation: ft

10 Coordinate System: H NAD83: V NAVD88

11 Depth of Water, ft (start/end):

12 Weather (Temp, circle conditions, wind direction):

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter
- [ ] Grab Sample: _____ -ft x _____ -ft x _____ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT / Geoprobe 7822DT 2" Diameter Borehole (GeoProbe)
- [ ] Sample Collection Method:

13 Boring Depth (ft): 2.5

14 Recovery (ft):

15 % Recovery:

16 Location Notes

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	PID (ppm)	USCS Code
		No Recovery for DPT Surface cleared of utilities w/ GPR and EM			

SOIL GAS LOG

Client Name and Project Name: NYSDEC Citi/PM4

Location/Boring Name: SUP-4

Sheet: 1 of 1

1 Geologist Name/Signature: Kevin Smeed

2 Drilling Subcontractor/Equipment Operator: AARCO

3 Operator Name *(License # If Required)*: Dave Johnson

5 Project Number:

6 Latitude/Northing/Grid:

7 Longitude/Easting/Grid:

CORE COLLECTION INFO

8 Date/Time Collected: 10/2/25

Date/Time Processed:

9 Sed Surface Elevation: ft

10 Coordinate System: H NAD83: V NAVD88

11 Depth of Water, ft (start/end):

12 Weather (Temp, circle conditions, wind direction):

13 Boring Depth (ft): 2.2

14 Recovery (ft):

15 % Recovery:

16 Location Notes:

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ___ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT Geoprobe 7822DT 2" Diamond Boring
- [ ] Sample Collection Method:

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	PID (ppm)	USCS Code
		No Recovery for DPT, surface cleared of utilities w/ GPR and EM			

EA SOIL GAS LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYSDEC CII;/PIaH	SVP-5	1 of 1

1 Geologist Name/Signature	5 Project Number	CORE COLLECTION INFO: 8 Date/Time Collected	Date/Time Processed
Kevin Smerud		10/2/25 1206	

2 Drilling Subcontractor/Equipment Operator	6 Latitude/Northing/Grid	9 Sed Surface Elevation ft
AARCO		10 Coordinate System H NAD83 V NAVD88
3 Operator Name (License # If Required)	7 Longitude/Easting/Grid	11 Depth of Water, ft (start/end)
Dave Johnson		12 Weather (Temp, circle conditions, wind direction)

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ___ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT Geoprobe 7822DT 2" Diameter boring
- [ ] Sample Collection Method:

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
2.5		

16 Location Notes

Interval (Depth)	Recovery (ft & %)	Description of Materials: Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID / Sample Interval	PID (ppm)	USCS Code
		No Recovery for DPT, Surface cleared of utilities w/ GPR and EM			

SOIL GAS LOG

Client Name and Project Name: NYSDEC Citi/Pratt

Location/Boring Name: SUP-6

Sheet: 1 of 1

1 Geologist Name/Signature: Kevin Strand

2 Drilling Subcontractor/Equipment Operator: AARCO

3 Operator Name (License # If Required): Dave Johnson

5 Project Number:

6 Latitude/Northing/Grid:

7 Longitude/Easting/Grid:

CORE COLLECTION INFO

8 Date/Time Collected: 10/2/25 1120

Date/Time Processed:

9 Sed Surface Elevation: ft

10 Coordinate System: H NAD8: V NAVD88

11 Depth of Water, ft (start/end)

12 Weather (Temp, circle conditions, wind direction)

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter
- [ ] Grab Sample: _____ -ft x _____ -ft x ___ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT Geoprobe 7822DT 2" Diameter boring
- [ ] Sample Collection Method:

GeoProbe

13 Boring Depth (ft): 2.5

14 Recovery (ft):

15 % Recovery:

16 Location Notes

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	PID (ppm)	USCS Code
		No Recovery for DPT, Surface cleared of utilities w/ GPR and EM			

EA SOIL GAS LOG

Client Name and Project Name: NYSDEC Citi/Pratt

Location/Boring Name: SVP-7

Sheet: 1 of 1

1 Geologist Name/Signature: Kevin Smeind

2 Drilling Subcontractor/Equipment Operator: AARCO

3 Operator Name (License # If Required): Dave Johnson

5 Project Number:

6 Latitude/Northing/Grid:

7 Longitude/Easting/Grid:

CORE COLLECTION INFO

8 Date/Time Collected: 10/2/25 955

Date/Time Processed:

9 Sed Surface Elevation: ft

10 Coordinate System: H NAD8: V NAVD88

11 Depth of Water, ft (start/end):

12 Weather (Temp, circle conditions, wind direction):

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter
- [ ] Grab Sample: _____ -ft x _____ -ft x ___ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT Geoprobe 7822DT 2" Diameter Boring
- [ ] Sample Collection Method:

GeoProbe

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
5		

16 Location Notes: No Recovery SVP Installation w/ Geoprobe

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	PID (ppm)	USCS Code
		No Recovery for DPT, surface cleared of utilities w/ GPR and EM			

EA SOIL GAS LOG

Client Name and Project Name	Location/Boring Name	Sheet
NYSDEC Citi/Path	SUP-8	1 of 1

1 Geologist Name/Signature	5 Project Number	CORE COLLECTION INFO
Kevin Smerud		8 Date/Time Collected: 10/2/25 908 / Date/Time Processed:
2 Drilling Subcontractor/Equipment Operator	**6 Latitude/Northing/Grid**	**9 Sed Surface Elevation** ft
AARCO		10 Coordinate System H NAD83 V NAVD88
3 Operator Name (License # If Required)	**7 Longitude/Easting/Grid**	11 Depth of Water, ft (start/end) ~~9-10~~ KJ
Dave Johnson		12 Weather (Temp, circle conditions, wind direction)

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ___ -ft Box/Ponar/Van Veen/Other
- [X] Other: DPT/Geoprobe 7822DT 2" diameter borehole
- [ ] Sample Collection Method:

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
5		

16 Location Notes: No recovery SUP Installation w/ Geoprobe

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks))	Sample ID / Sample Interval	PID (ppm)	USCS Code
		No Recovery for DPT surface cleared of utilities w/ GPR and EM			

SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYSDEC Citi/Pratt	SVP-9	1 of 1

1 Geologist Name/Signature: Alex Faux	5 Project Number:	CORE COLLECTION INFO 8 Date/Time Collected: 10/1/25 — Date/Time Processed:
2 Drilling Subcontractor/Equipment Operator: AARCO	6 Latitude/Northing/Grid:	9 Sed Surface Elevation: ft 10 Coordinate System: H NAD8: V NAVD88
3 Operator Name *(License # If Required)*: Dave Johnson	7 Longitude/Easting/Grid:	11 Depth of Water, ft (start/end): 12 Weather (Temp, circle conditions, wind direction):

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ____ -ft Box/Ponar/Van Veen/Other
- [X] Other: DPT/Geoprobe 7822 DT 2" diameter borehole
- [ ] Sample Collection Method:

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
5		

16 Location Notes:

Interval (Depth)	Recovery (ft & %)	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	PID (ppm)	USCS Code
		No Recovery from DPT Surface Cleared of utilities w/ GPR and EM			

EA SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYSDEC Citi/Pratt	SVP-10	1 of 1

1 Geologist Name/Signature	5 Project Number	CORE COLLECTION INFO: 8 Date/Time Collected	Date/Time Processed
Alex Faux		10/1/25	
2 Drilling Subcontractor/Equipment Operator	6 Latitude/Northing/Grid	9 Sed Surface Elevation	ft
AARCO		10 Coordinate System H NAD8: V NAVD88	
3 Operator Name *(License # If Required)*	7 Longitude/Easting/Grid	11 Depth of Water, ft (start/end)	
Dave Johnson		12 Weather (Temp, circle conditions, wind direction)	

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ____ -ft Box/Ponar/Van Veen/Other
- [X] Other: DPT / Geoprobe 7822 DT 2" diameter borehole
- [ ] Sample Collection Method:

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
5		

16 Location Notes

Interval *(Depth)*	Recovery *(ft & %)*	Description of Materials Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID Sample Interval	PID *(ppm)*	USCS *Code*
		No Recovery from DPT Surface Cleared of Utilities W/ GPR and EM			

EA SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYSDEC Citi/PraH	SVP-11	1 of 1

1 Geologist Name/Signature	5 Project Number	CORE COLLECTION INFO: 8 Date/Time Collected	Date/Time Processed
		10/1/25	
2 Drilling Subcontractor/Equipment Operator	6 Latitude/Northing/Grid	9 Sed Surface Elevation	ft
		10 Coordinate System H NAD8: V NAVD88	
		11 Depth of Water, ft (start/end)	
3 Operator Name *(License # If Required)*	7 Longitude/Easting/Grid	12 Weather (Temp, circle conditions, wind direction)	

4 Sampling Equipment and Methodology (Check One)

- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ___ -ft Box/Ponar/Van Veen/Other
- [X] Other: DPT/Geoprobe 7822 DT 2" diameter borehole
- [ ] Sample Collection Method:

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
5		

16 Location Notes

Interval (Depth)	Recovery (ft & %)	Description of Materials: Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID / Sample Interval	PID (ppm)	USCS Code
		No Recovery from DPT Surface Cleared of Utilities w/ GPR and EM			

EA SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYSDEC Citi/PraH	SUP-12	1 of 1

1 Geologist Name/Signature	5 Project Number	CORE COLLECTION INFO: 8 Date/Time Collected	Date/Time Processed
Alex Faux		10/1/25	
2 Drilling Subcontractor/Equipment Operator	6 Latitude/Northing/Grid	9 Sed Surface Elevation	ft
AARCO		10 Coordinate System H NAD8: V NAVD88	
3 Operator Name *(License # If Required)*	7 Longitude/Easting/Grid	11 Depth of Water, ft (start/end)	
Dave Johnson		12 Weather (Temp, circle conditions, wind direction)	

4 Sampling Equipment and Methodology (Check One)

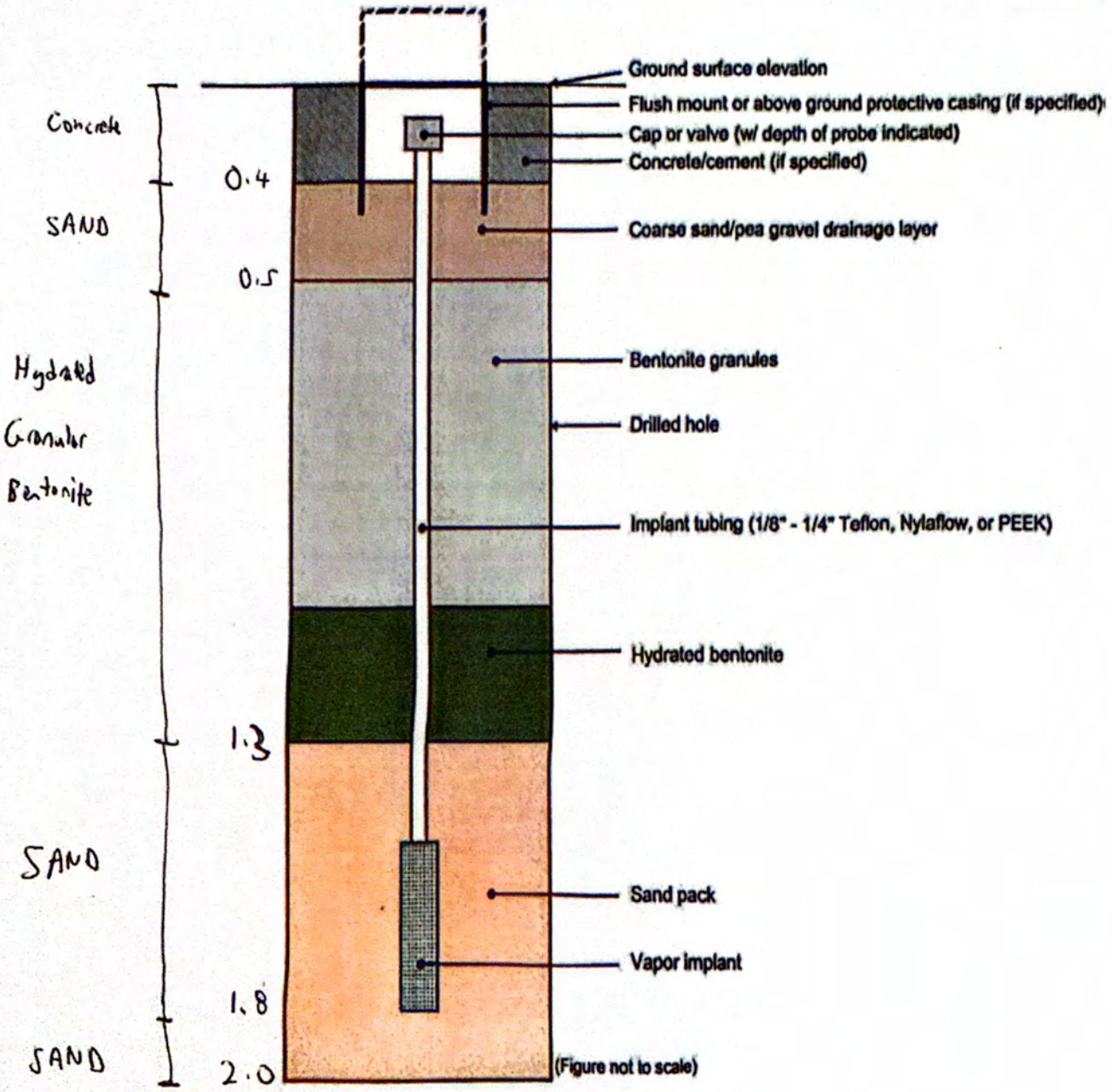
- [ ] Rotosonic: _____ -ft barrel _____ -in diameter
- [ ] Core: _____ - ft barrel _____ -in diameter (GeoProbe)
- [ ] Grab Sample: _____ -ft x _____ -ft x ____ -ft Box/Ponar/Van Veen/Other
- [x] Other: DPT/Geoprobe 7822 DT 2" diameter borehole
- [ ] Sample Collection Method:

13 Boring Depth (ft)	14 Recovery (ft)	15 % Recovery
5		

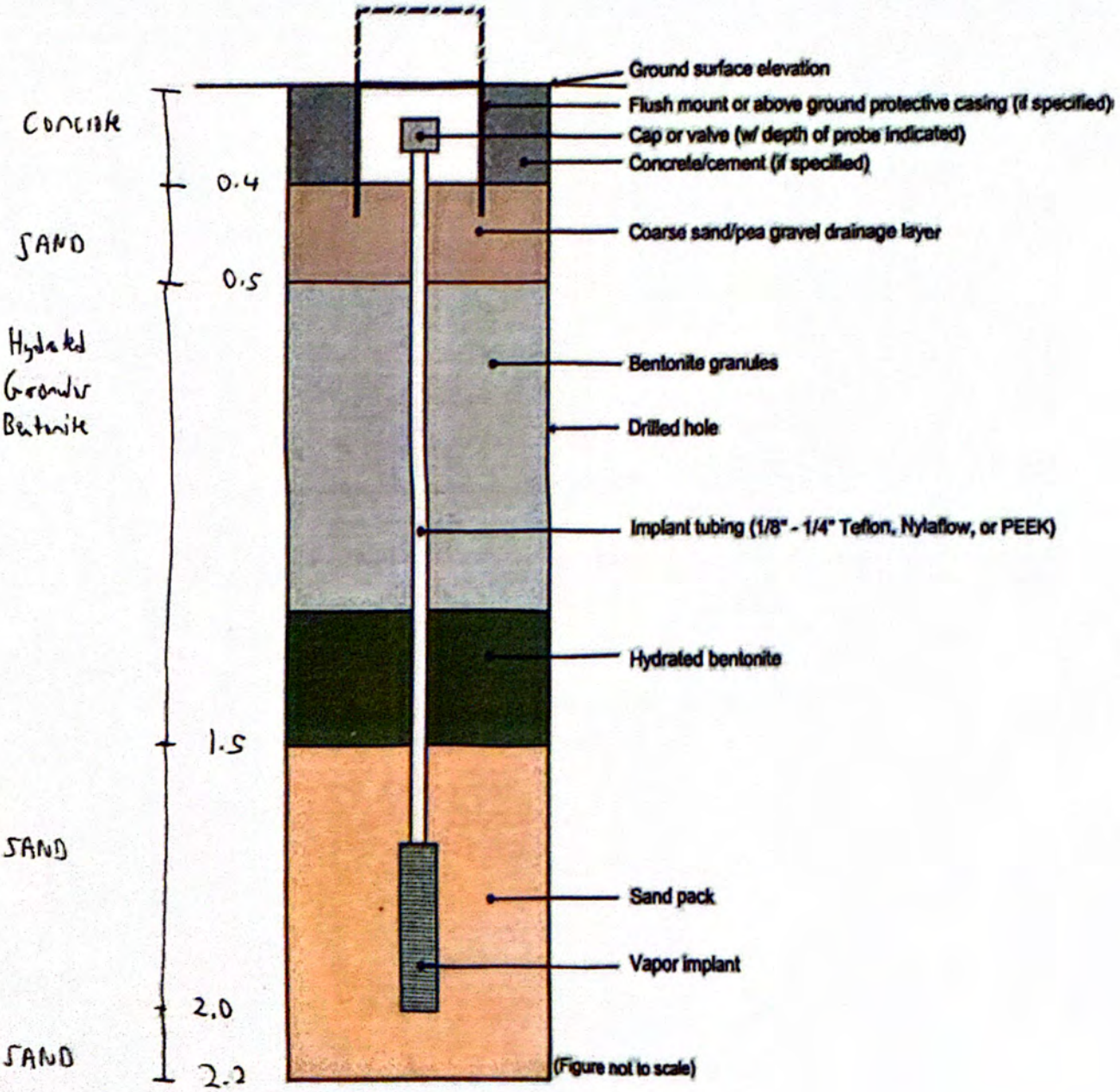
16 Location Notes

Interval (Depth)	Recovery (ft & %)	Description of Materials (Munsell Color; Moisture; Density; Consistency (Other Remarks)	Sample ID / Sample Interval	PID (ppm)	USCS Code
		No Recovery from DPT Surface cleared of utilities w/ GPR and EM			

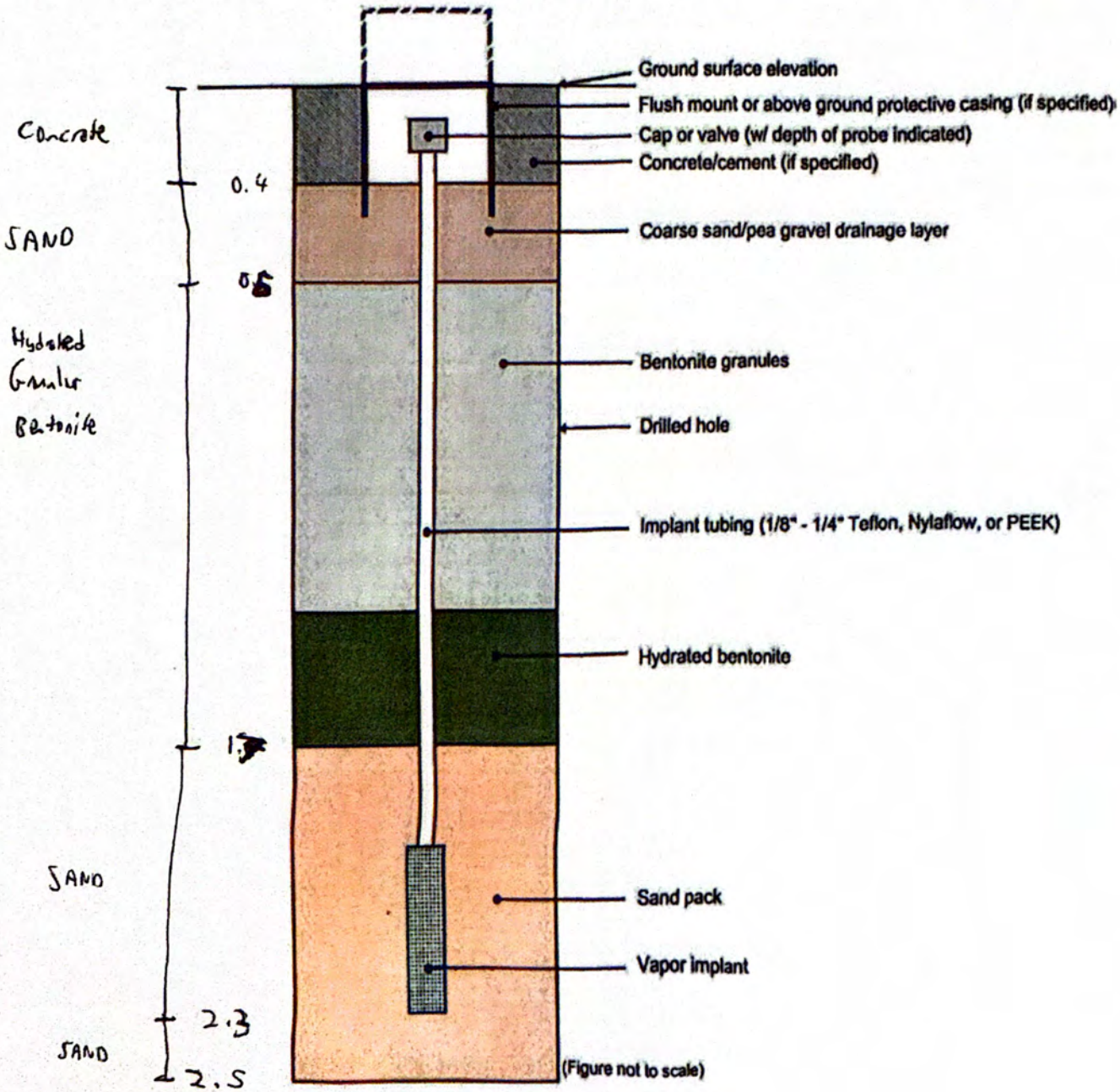
EA	SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
		NYSDEC CiH/PmH	SVP - 1	1 of 1



EA SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYSDEC CH2/PrAH	SVP-2	1 of 1

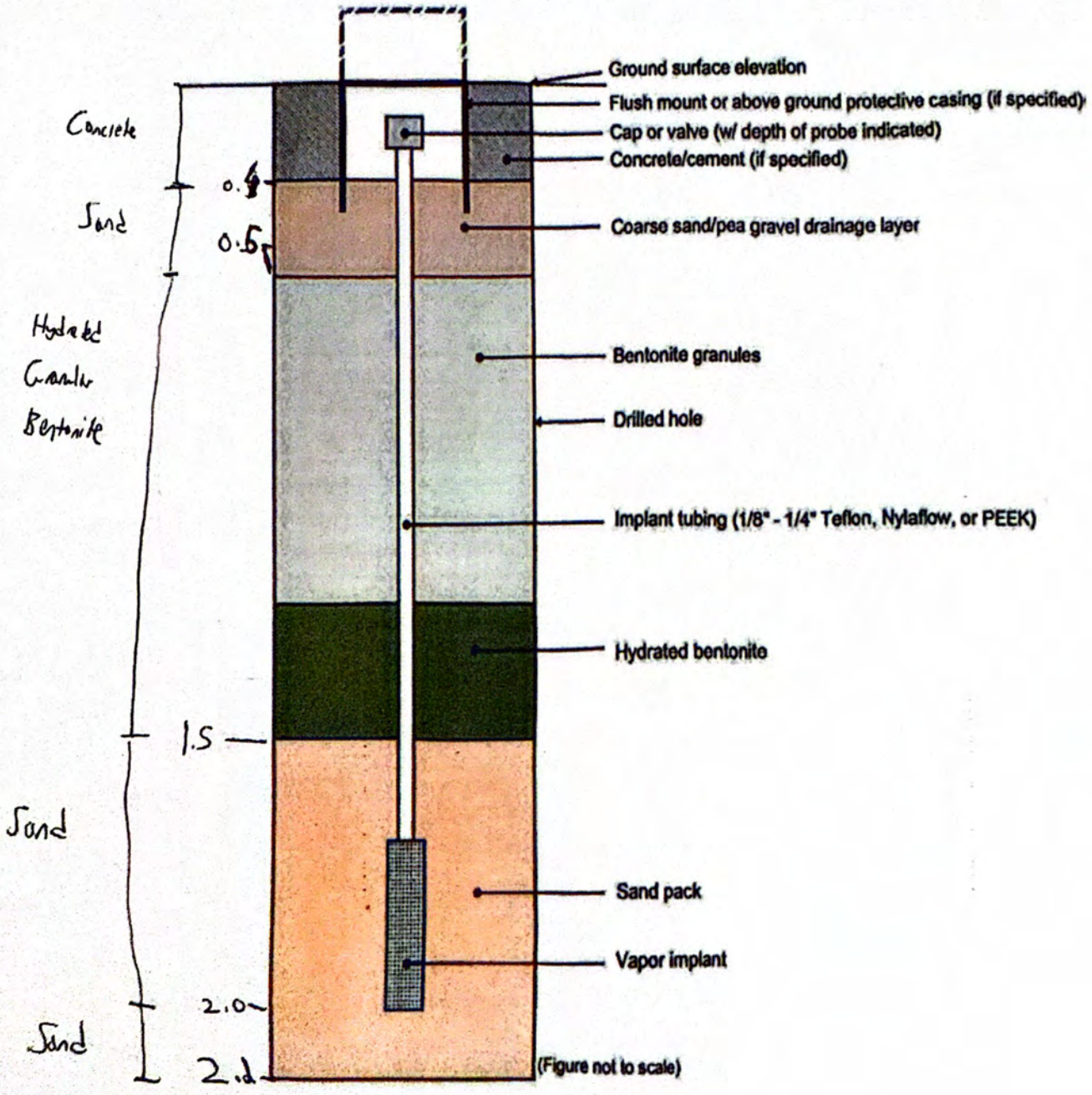


EA	SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
		NYSDEC Citi/Pilot	SVP-3	1 of 1

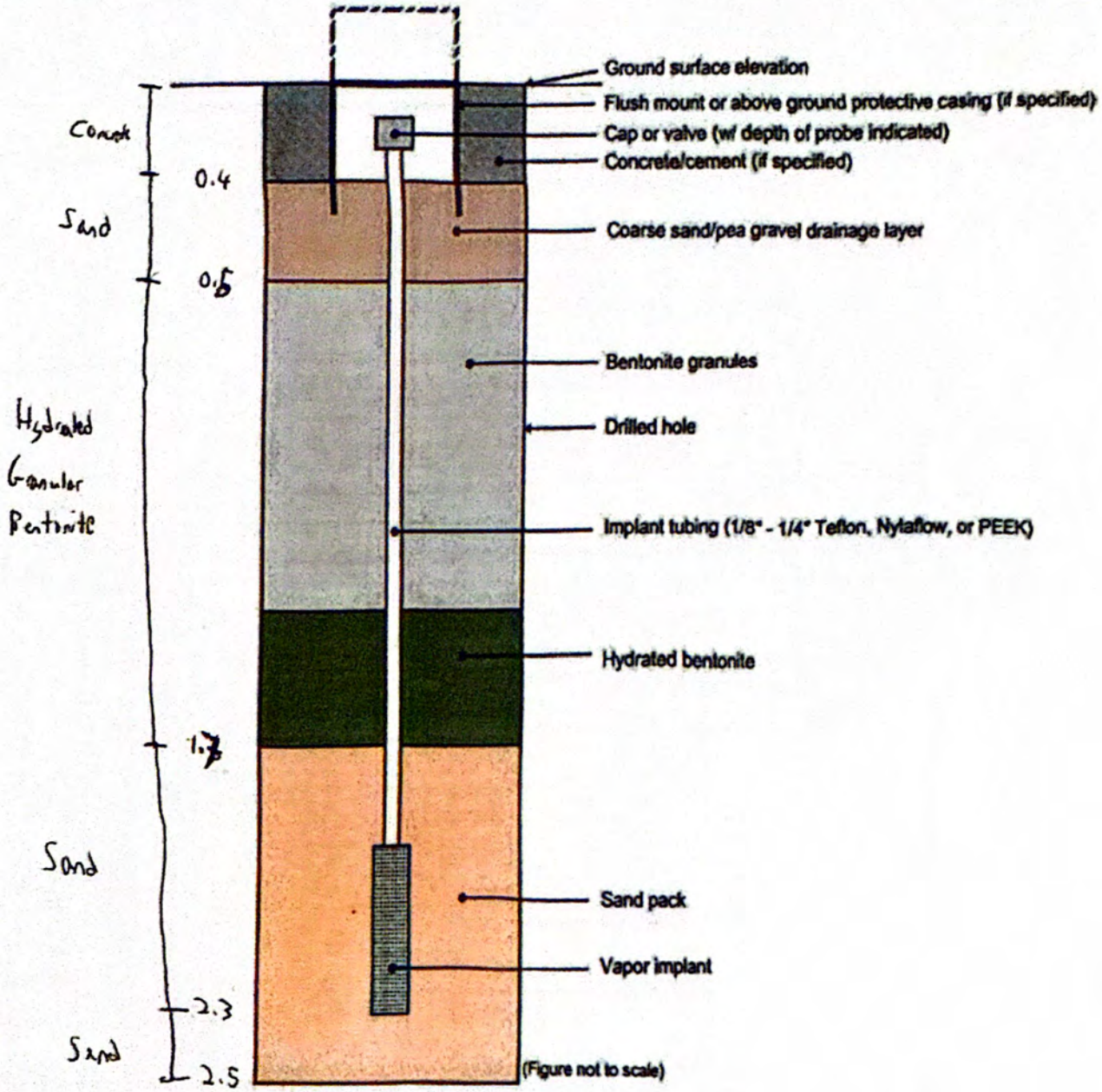


(Figure not to scale)

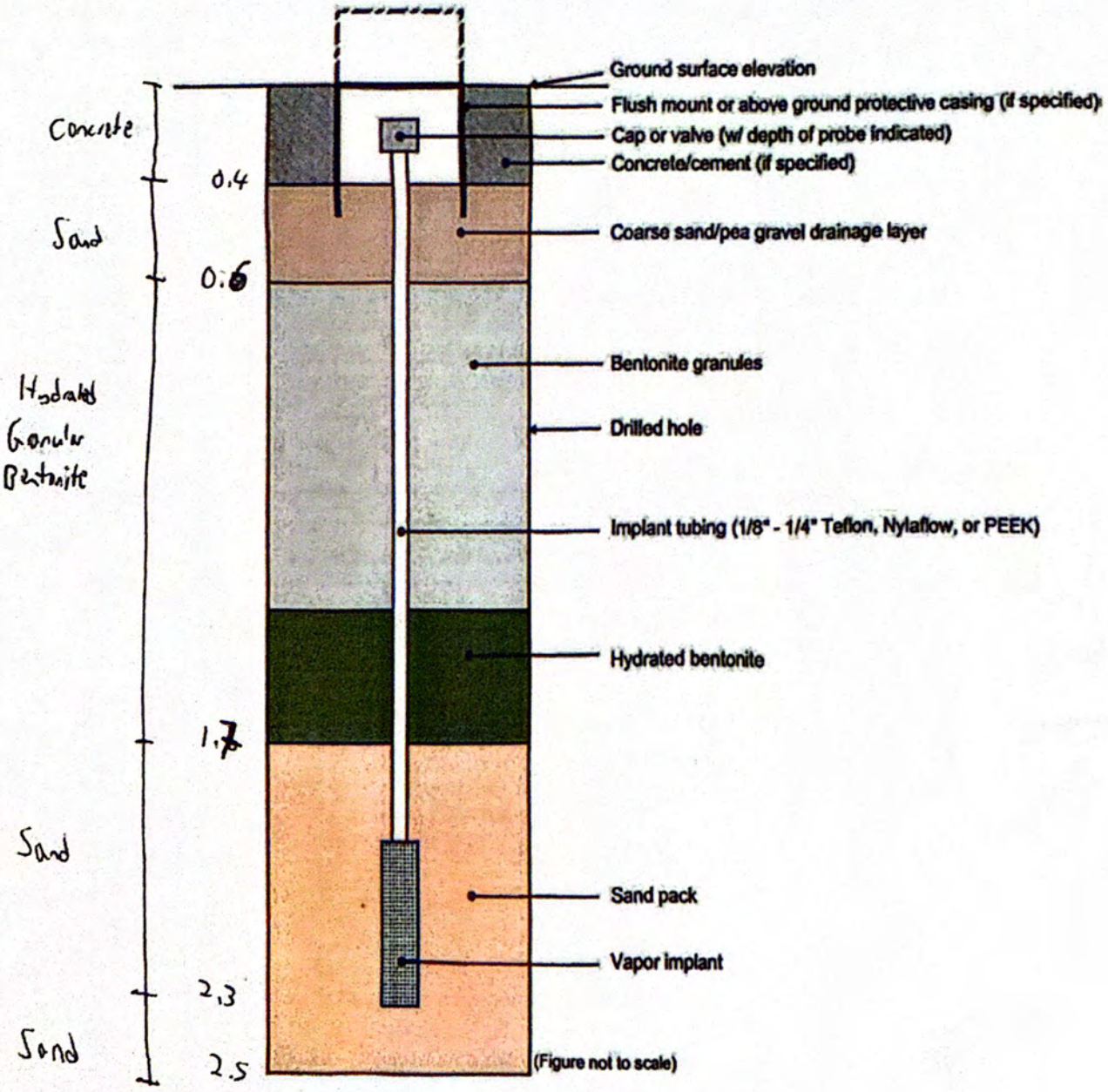
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		NYSDEC Citi/Path	SVP-4	1 of 1



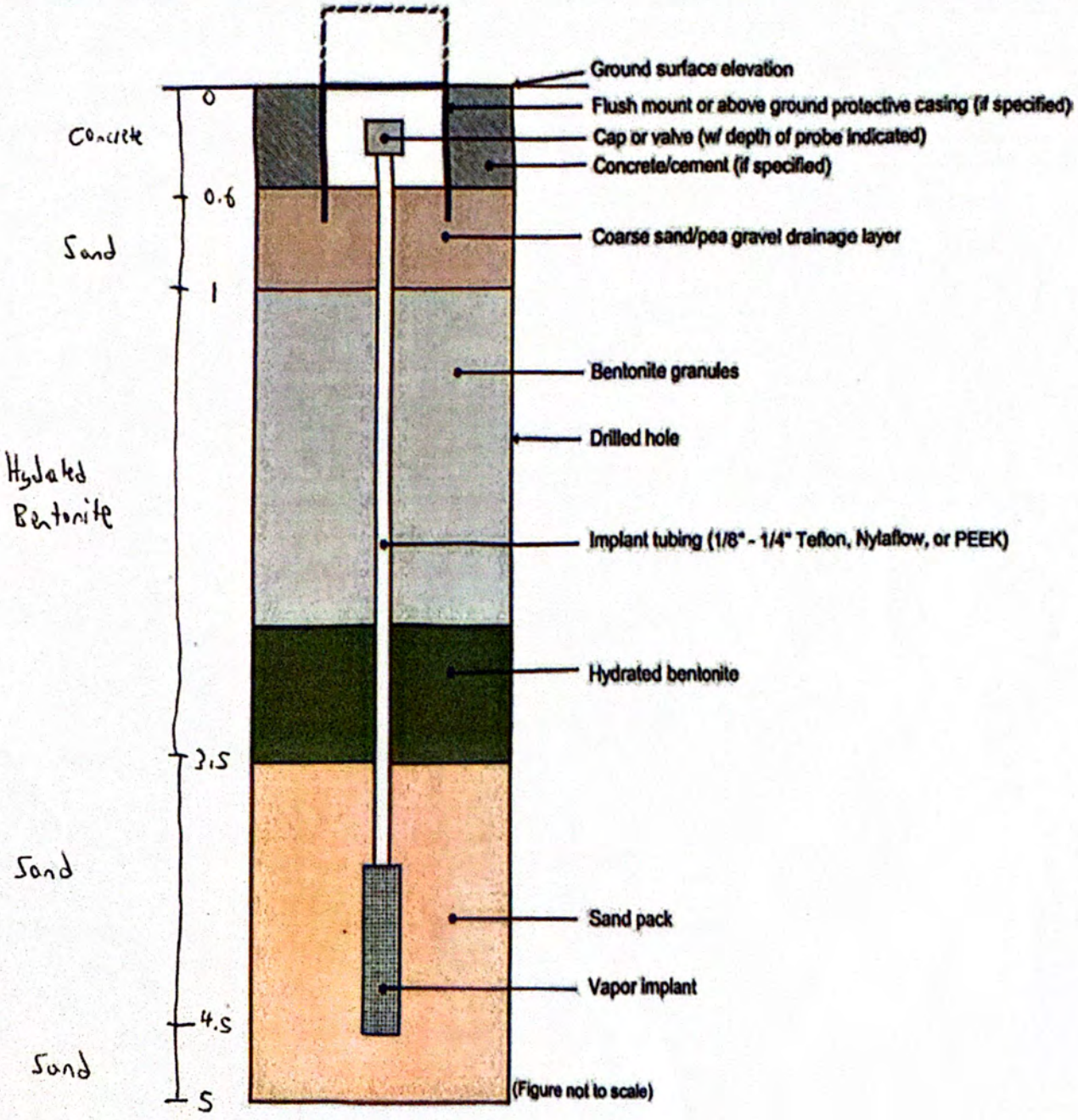
EA	SOIL GAS LOG	Client Name and Project Name: NYSDEC Citi/Prak	Location/Boring Name: SVP-5	Sheet: 1 of 1



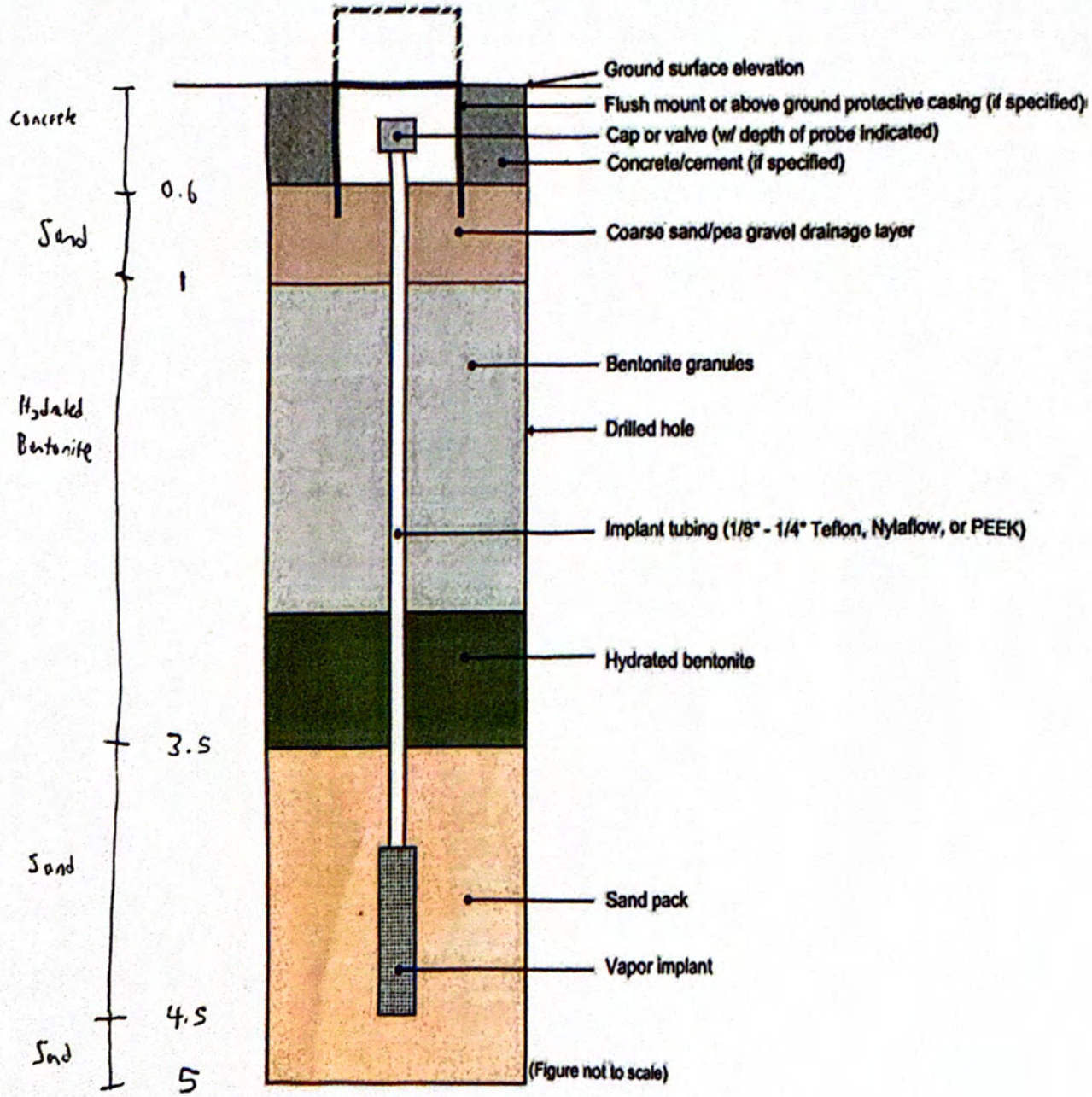
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		NYSDEC Citi/Prat	Sup-6	1 of 1



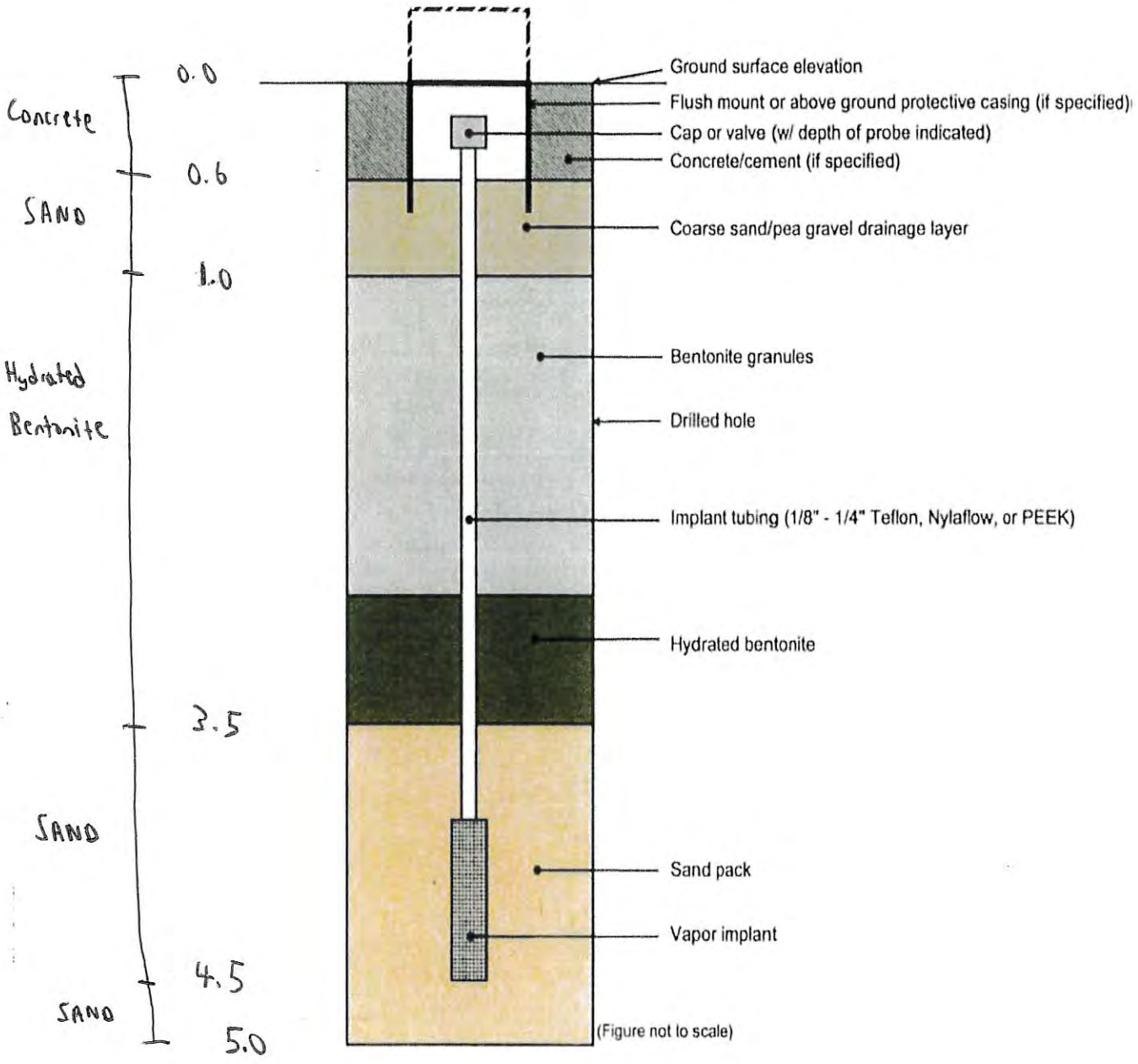
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		NYSDEC Citi/Pratt	SVP-7	1 of 1



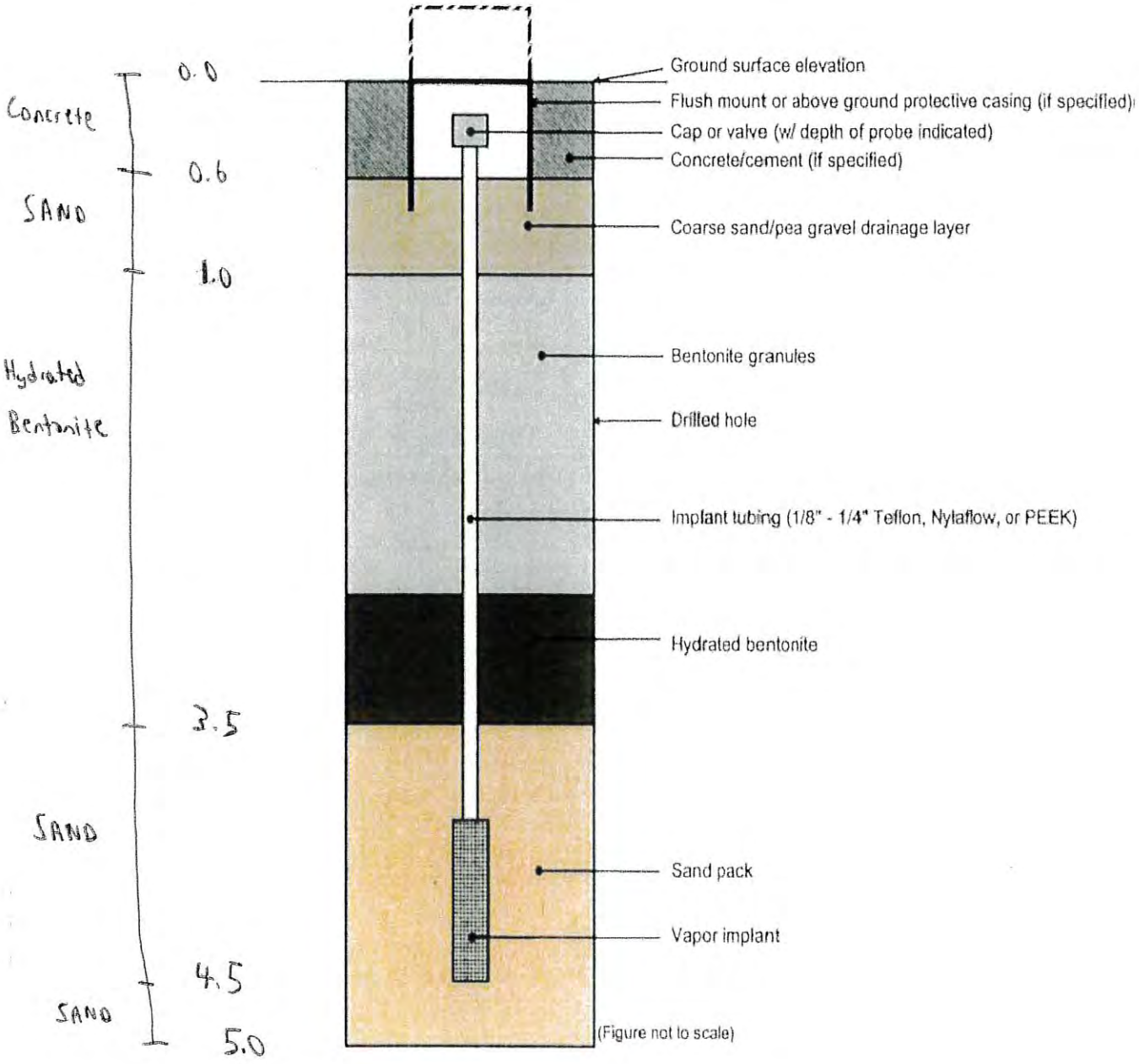
EA	SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
		NYSDEC Citi/Prob	SVP-8	1 of 1



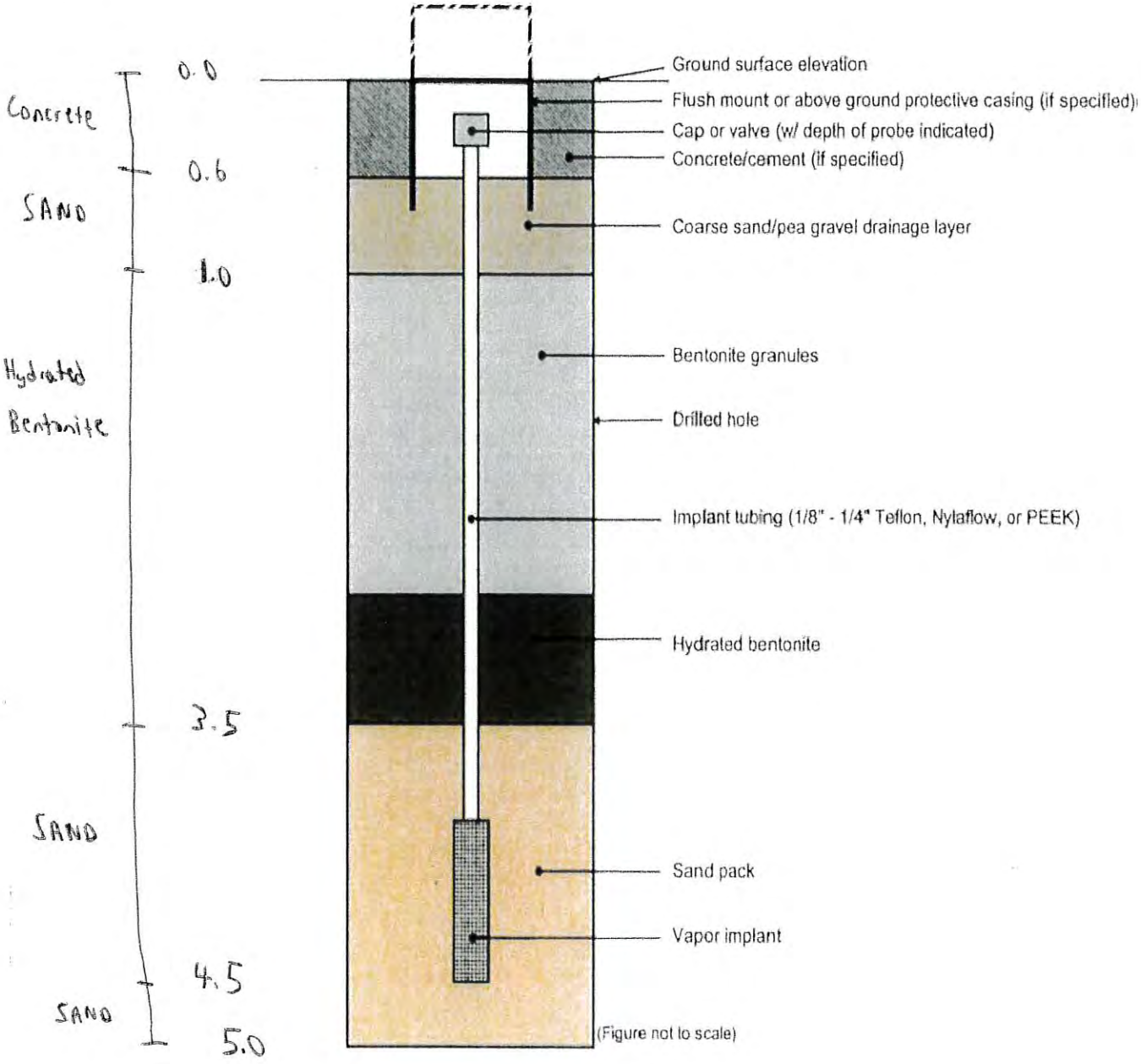
EA	SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
		NYSDEC Citi/Pratt	SVP-9	1 of 1



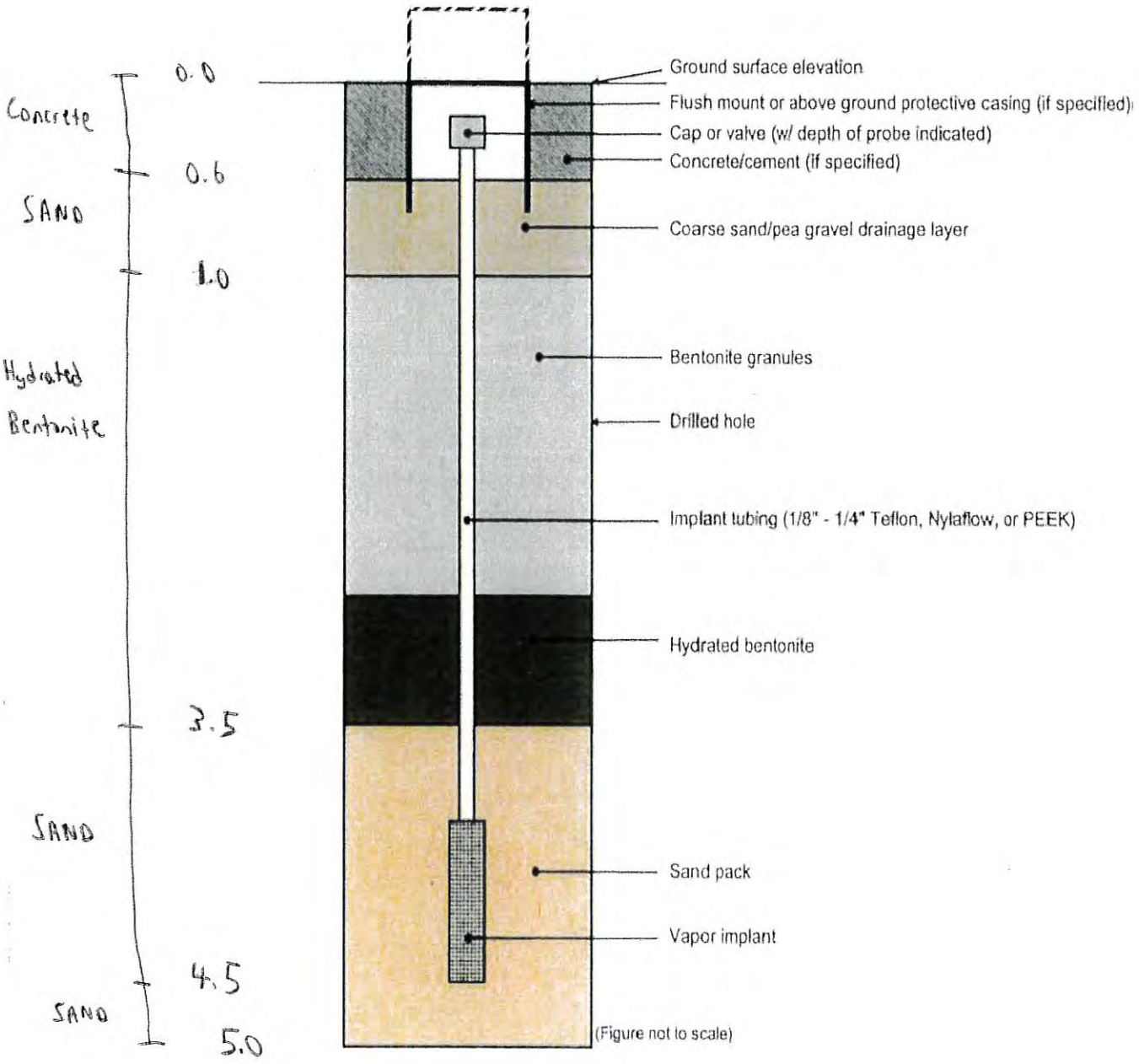
EA	SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
		NYSDEC Citi / Path	SVP-10	1 of 1



EA SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
	NYSDEC Citi/Pratt	SVP-11	1 of 1



EA	SOIL GAS LOG	Client Name and Project Name	Location/Boring Name	Sheet
		NYSDEC Citi/Patt	SVP-10	1 of 1



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Appendix I
IDW Inventory and Manifests

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INVESTIGATIVE DERIVED WASTE INVENTORY SHEET

Container ID	Container Contents	Location ID	Accumulation Start Date	Accumulation End Date	Gallons
1	IDW soil + water	PRATT	9/8/25	9/8/25	55
2	IDW soil	PRATT	9/8/25	9/8/25	55
3	IDW water	PRATT /SB-WI-05 product	9/8/25	9/8/25	55
4	IDW soil	PRATT	9/8/25	9/8/25	55
5	IDW soil	PRATT	9/8/25	9/8/25	55
6	IDW soil	PRATT	9/8/25	9/8/25	55
7	NAPL	PRATT	9/8/25	9/8/25	55
8	IDW soil	PRATT	9/8/25	9/8/25	55
9	IDW soil	PRATT	9/8/25	9/8/25	55
10	IDW soil	PRATT	9/8/25	9/8/25	55
11	IDW soil	PRATT	9/8/25	9/8/25	55
12	IDW soil / water	PRATT	9/15/25	9/15/25	55
13	IDW Liquid	PRATT	9/17/25	9/17/25	55
14	IDW water	PRATT	9/17/25	9/17/25	55
15	IDW water	PRATT / Blue drum	9/17/25	9/17/25	55
16	IDW water	Pratt (Ceramy, ½ full)	9/17/25	9/17/25	2
17	IDW soil	MGP	9/16/25	9/16/25	55
18	IDW soil	MGP	9/16/25	9/16/25	55
19	IDW soil	MGP	9/16/25	9/16/25	55
20	IDW soil	MGP	9/16/25	9/16/25	55
21	IDW soil	MGP	9/18/25	9/18/25	55
22	IDW soil + liquid	MGP	9/18/25	9/18/25	55
23	IDW soil	MGP	9/18/25	9/18/25	55
24	IDW soil	MGP	9/17/25	9/17/25	¼ full
25	IDW soil	MGP	9/17/25	9/17/25	55
26	IDW Solid/plastic	Citistorage	9/18/25	9/18/25	55
27	IDW soil/water	Citistorage	9/18/25	9/18/25	55
28	IDW water/purge water	Citistorage	9/24/25	9/24/25	55
29	IDW water/purge water	Citistorage	9/24/25		½ full

(a) Purge water, decontamination fluids

NOTES: ID = Identification
IDW = Investigative Derived Waste

ID	contents	Location	Start Date	END DATE	Gallons
30	IDW soil	Citistorage	9/22/25	9/22/25	55
31	IDW soil	Citistorage	9/22/25	9/22/25	55
32	IDW soil	Citistorage	9/22/25	9/22/25	55
33	IDW water	Citistorage	9/23/25	9/23/25	55
34	IDW water	Citistorage	9/23/25	9/23/25	55
35	IDW solid	Citistorage	9/23/25	9/23/25	55
36	IDW soil	Citistorage	9/23/25	9/23/25	25
37	IDW soil	Citistorage	9/17/25	9/17/25	55
38	IDW Liquid/Purge	Citistorage	9/24/25	9/24/25	55
39	IDW Liquid/Purge	Citistorage	9/24/25		10
40	IDW solid	Citistorage	9/24/25	9/24/25	55
41	IDW Liquid	Citistorage	9/24/25		1/2

Citi

INVESTIGATIVE DERIVED WASTE INVENTORY SHEET

Container ID	Container Contents	Location ID	Accumulation Start Date	Accumulation End Date	Gallons
40	IDW Solid			9/24	55
28	~~Solid~~ IDW Purge water			9/24	55
35	IDW Solid			9/23	55
26	IDW Soil / plastic			9/18	55
27	IDW Soil / water			9/18	55
36	IDW Soil			9/23	55
30	IDW Soil			9/22	55
3	IDW Process water			9/8	55
37	IDW Soil			9/7	55
31	IDW Soil			9/22	55
14	IDW Liquid			10/1	55
32	IDW Solid Soil / plastic			9/22	55
33	IDW Liquid (water)			9/23	55
34	IDW Liquid (water)			9/23	55

(a) Purge water, decontamination fluids

NOTES: ID = Identification
IDW = Investigative Derived Waste

Pratt

INVESTIGATIVE DERIVED WASTE INVENTORY SHEET

Container ID	Container Contents	Location ID	Accumulation Start Date	Accumulation End Date	Gallons
8	IDW Soil			9/8	55
N/A	full but not labeled			?	55
6	IDW Soil			9/8	55
10	IDW Soil			9/8	55
16	IDW liquid			9/7	55
4	IDW Soil			9/8	55
5	IDW Soil			9/8	55
9	IDW Soil			9/8	55
7	NAPL			9/8	55
12	IDW Soil/water			9/15	55
2	IDW Soil			9/8	55
1	IDW Soil/water			9/8	55
N/A	NAPL Impacted			?	55
N/A	Soil			9/15	55
11	IDW Soil			?	55

(a) Purge water, decontamination fluids

NOTES: ID = Identification
IDW = Investigative Derived Waste

MGP

INVESTIGATIVE DERIVED WASTE INVENTORY SHEET

Container ID	Container Contents	Location ID	Accumulation Start Date	Accumulation End Date	Gallons
20	IDW Soil			9/16	55
19	IDW Soil			9/16	55
21	IDW Soil			9/18	55
18	IDW Soil			9/16	55
22	IDW (Soil + water)			9/18	55
N/A	IDW Soil			9/13	55
24	IDW Soil			9/17	55
23	IDW Soil			9/18	55
17	IDW Soil			9/16	55

(a) Purge water, decontamination fluids

NOTES: ID = Identification
IDW = Investigative Derived Waste

DATE	09/19/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Daniel Ambrico	Operations Manager		09:00	10:30	**Lunch Taken: Yes No**
					If Yes, Time:

EQUIPMENT	QTY	UOM	ID#
Roll Off Straight Truck	1.50	HR	RO-0077
Container - Rolloff	1.00	DAY	25-0015

MATERIALS	QTY	UOM

JOB DESCRIPTION / COMMENTS

Site Contact: Eric is on site contact 315 928 0970
secondary contact: Kritika 478 380 2213
PM: Evan Stevens (908)384-7800
Site Address: Use address on paperwork Franklin street/north 12 street/north 11 street/north 10 street
Onsite: 7 am

Two rolloffs:
Citi 224402-CT-IDW-RO-1008 to Bayshore
Pratt 2244020-PR-IDW-RO-1008 to Cyclechem Inc.

50~ Drums:
Four locations two box trucks fill and take to cycle chem, on site personnel to help distinguish.

Bushwick Inlett, Pratt Refinery, Williamsburg MGP, Citi storage.

Frac Tank:
26 North 11th St Brooklyn NY.
Rain for rent to demobilize
Secondary containment pickup
Delivered empty open top # 20-0028 to site.

SUBCONTRACTOR	DESCRIPTION

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

REPUBLIC SERVICES

INDUSTRIAL / ENVIRONMENTAL SERVICES
800-7-SPILLS

T&M # BNTM137498
TASK #1 EA Engineering
Page 1 of 2

DATE	09/23/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Uriah Barker	Foreman		06:00	10:00	**Lunch Taken: Yes No**
Krisna Khan	Field Technician		06:00	10:00	**If Yes, Time:**

EQUIPMENT	QTY	UOM	ID#
Stake Body/Utility Truck	4.00	HR	RT-0110
Roll Off Rental	14.00	DAY	
Frac Tank - 20,000 Gal	1.00	DAY	

MATERIALS	QTY	UOM

JOB DESCRIPTION / COMMENTS

Site Contact: Eric is on site contact 315 928 0970
secondary contact: Kritika 478 380 2213
PM: Evan Stevens (908)384-7800
Site Address: Use address on paperwork Franklin street/north 12 street/north 11 street/north 10 street
Onsite: 7 am

Two rolloffs:
Citi 224402-CT-IDW-RO-1008 to Bayshore
Pratt 2244020-PR-IDW-RO-1008 to Cyclechem Inc.

50~ Drums:
Four locations two box trucks fill and take to cycle chem, on site personnel to help distinguish.

Bushwick Inlett, Pratt Refinery, Williamsburg MGP, Citi storage.

Frac Tank:
26 North 11th St Brooklyn NY.
Rain for rent to demobilize
Secondary containment pickup
Set up berm for frack tank. Wear ppe at all times.

SUBCONTRACTOR	DESCRIPTION

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

REPUBLIC SERVICES

INDUSTRIAL / ENVIRONMENTAL SERVICES
800-7-SPILLS

T&M # BNTM137567
TASK #1 EA Engineering
Page 1 of 2

DATE	09/29/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Dionicio Mirabal	Equipment Operator		11:00	13:30	**Lunch Taken: Yes No**
					If Yes, Time:

EQUIPMENT	QTY	UOM	ID#
Roll Off Straight Truck	2.50	HR	RO-0097
Container - Rolloff	1.00	DAY	20-0132
Frac Tank Mob/Demob	1.00	DAY	

MATERIALS	QTY	UOM

JOB DESCRIPTION / COMMENTS

Site Contact: Eric is on site contact 315 928 0970
secondary contact: Kritika 478 380 2213
PM: Evan Stevens (908)384-7800
Site Address: Use address on paperwork Franklin street/north 12 street/north 11 street/north 10 street
Onsite: 7 am

Two rolloffs:
Citi 224402-CT-IDW-RO-1008 to Bayshore
Pratt 2244020-PR-IDW-RO-1008 to Cyclechem Inc.

50~ Drums:
Four locations two box trucks fill and take to cycle chem, on site personnel to help distinguish.

Bushwick Inlett, Pratt Refinery, Williamsburg MGP, Citi storage.

Frac Tank:
26 North 11th St Brooklyn NY.
Rain for rent to demobilize
Secondary containment pickup
Dropping open container 20-0132

SUBCONTRACTOR	DESCRIPTION

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	800-777-4557	RSG 1005439

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway
Albany, N.Y. 12233
Generator's Phone: 518 402 8044

Generator's Site Address (if different than mailing address)
26 North 11th St.
Brooklyn, N.Y.

6. Transporter 1 Company Name: ACV Environmental Services, Inc. — U.S. EPA ID Number: NJD003812047

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

8. Designated Facility Name and Site Address
Passaic Valley Sewage Commision
600 Wilson Ave.
Newark, N.J. 07105
Facility's Phone: 973 344 1800
U.S. EPA ID Number: NYR000968545

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Regulated Liquid (Greywater) Non RCRA / Non DOT	XXI	TT	1600	G	ID72
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1) Greywater -100%
Approval # 586 B
S.O. BN103938
Republic Contact: Evan Stevens
Phone: 908 384 7800
Truck LV 3219

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

Generator's/Offeror's Printed/Typed Name: On Behalf of EA Engineering/NYSDEC — Signature — Month: 11 — Day: 11 — Year: 25

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Francisco Amarante — Signature — Month: 11 — Day: 11 — Year: 25

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

Printed/Typed Name — Signature — Month: 11 — Day: 11 — Year: 25

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

DESIGNATED FACILITY TO GENERATOR

Manifest Number: A 1202689

Customer Number 586 B

PVSC Decal Number _____

PASSAIC VALLEY SEWERAGE COMMISSION
600 Wilson Avenue, Newark, NJ 07105
Phone: (973) 466-2567 Fax: (973) 466-3194

LIQUID WASTE ACCEPTANCE MANIFEST

GENERATOR NAME: 26 North 11 street
GENERATOR ADDRESS: Brooklyn NY

GENERATOR PHONE NUMBER: (518) 402 8044

TRANSPORTER:

COMPANY NAME: Republic Services
ADDRESS: 180 Varick Av. Brooklyn NY
PHONE NUMBER: 908 / 384 7800

N.J.D.E.P., I.D. Number _____
Trailer License Number AX595C
Trailer: State of Origin New Jersey
Trailer Number _____
Trailer Capacity (In gallons) 3000
Solid Waste Admin. ID # _____

GENERATOR CERTIFICATION: I, an authorized representative of above listed waste generator, do certify that the waste delivered hereby contains only waste approved by the PVSC.

Francisco Amarante | Signature | 11/11/25
Name Printed/Typed | Month/Day/Year

TRANSPORTER CERTIFICATION: I, an authorized representative of the transporter listed above, do certify that the waste which I have delivered to the PVSC contains only the waste originated from the generator listed above.

Francisco Amarante | Signature | 11/11/25
Name Printed/Typed | Month/Day/Year

PVSC facility operator—Certification of receipt Waste:

So | Signature | N | 11-11-25
Name Printed/Typed | Month/Day/Year

SAMPLE ID# 124 **TIME IN** 12 59 **AM** **PM** **DUMP SITE** N

White copy—PVSC Operations *Yellow copy—Transporter* *Pink Copy--Generator*

DATE	11/11/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Francisco Amarante	Equipment Operator		07:00	16:00	**Lunch Taken: Yes No**
					If Yes, Time:

EQUIPMENT	QTY	UOM	ID#
Vacuum Truck, Straight	9.00	HR	LV-3219

MATERIALS	QTY	UOM
Level D, Per Person	1.00	EA
Hose - Suction, 3 in X 25 ft	3.00	DAY

JOB DESCRIPTION / COMMENTS

Site Contact: Eric is on site contact 315 928 0970
secondary contact: Kritika 478 380 2213
PM: Evan Stevens (908)384-7800
Site Address: Use address on paperwork Franklin street/north 12 street/north 11 street/north 10 street
Onsite: 7 am

Two rolloffs:
Citi 224402-CT-IDW-RO-1008 to Bayshore
Pratt 2244020-PR-IDW-RO-1008 to Cyclechem Inc.

50~ Drums:
Four locations two box trucks fill and take to cycle chem, on site personnel to help distinguish.

Bushwick Inlett, Pratt Refinery, Williamsburg MGP, Citi storage.

Frac Tank:
26 North 11th St Brooklyn NY.
Rain for rent to demobilize
Secondary containment pickup
Drove truck LV 3219 to 26 North 11 street. Pump out 1600 gallons of gray water from frac tank into truck.
Drove truck to disposal at PVSC at Newark, NJ.

SUBCONTRACTOR	DESCRIPTION

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

CUSTOMER SIGNATURE

X _____

_____

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

REPUBLIC SERVICES

INDUSTRIAL / ENVIRONMENTAL SERVICES
800-7-SPILLS

T&M # BNTM138454
TASK #1 EA Engineering
Page 1 of 2

DATE	11/13/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Uriah Barker	Supervisor		06:00	19:30	**Lunch Taken: Yes No**
George Payne	Equipment Operator		05:00	16:30	**If Yes, Time:**
Jeffrey Villa	Field Technician		06:00	19:30	
Keith Price	Supervisor		12:30	16:15	
Lewis Medina	Equipment Operator		12:30	19:30	

EQUIPMENT	QTY	UOM	ID#
Drum Dolly	1.00	DAY	
Stake Body/Utility Truck	13.50	HR	RT-0118
Stake Body/Utility Truck	11.50	HR	RT-0085X
Box Truck with Lift Gate	13.50	HR	BT-0114

MATERIALS	QTY	UOM
Level D, Per Person	3.00	EA

JOB DESCRIPTION / COMMENTS

Site Contact: Eric is on site contact 315 928 0970
secondary contact: Kritika 478 380 2213
PM: Evan Stevens (908)384-7800
Site Address: Use address on paperwork Franklin street/north 12 street/north 11 street/north 10 street
Onsite: 7 am

Large box truck + EO from RH
Boxtruck/Rack truck EO + Foreman from BN

75

50~ Drums:
Four locations two box trucks fill and take to cycle chem, on site personnel to help distinguish.

Bushwick Inlett, Pratt Refinery, Williamsburg MGP, Citi storage.
Started work at 0500 RT-0079 was put out of service , had to switch trucks to RT-0085 dispatch was notified. Ran in to traffic coming to Brooklyn, NY got on site at 1030 . Nine full 55gl drums are on the first locations site. George Payne injured his ankle while on duty, and Keith Price and Lewis Medina were assigned to complete his task, which was successfully finished. Keith Price picked up George Payne, who had injured his ankle, and Lewis Medina completed the job.
Pick up hazardous, non hazardous and empty drums to be disposed of at Cycle Chem
Frack tank was picked up and we loaded berm and empty drums on box truck BT-0114.

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY
RSG 1005406	Non haz solid drum	15.00	DRUM	Elizabeth

SUBCONTRACTOR	DESCRIPTION

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE

X

Uriah Barker

CUSTOMER SIGNATURE

X 11-13-2025

Eric Beardslee

CUSTOMER SIGNATURE

X

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

REPUBLIC SERVICES

INDUSTRIAL / ENVIRONMENTAL SERVICES
800-7-SPILLS

T&M # BNTM138455
TASK #1 EA Engineering
Page 1 of 2

DATE	11/13/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Yohan Polanco	Equipment Operator		06:00	18:00	**Lunch Taken: Yes No**
Dionicio Mirabal	Equipment Operator		06:00	18:00	**If Yes, Time:**

EQUIPMENT	QTY	UOM	ID#
Roll Off Straight Truck	12.00	HR	RO-0077
Roll Off Straight Truck	12.00	HR	ROT-237983
20 CY Rolloff Container with Tarps	1.00	DAY	20-0036
20 CY Rolloff Container with Tarps	1.00	DAY	20-0132

MATERIALS	QTY	UOM
Level D, Per Person	2.00	EA
Rolloff Poly Liner	2.00	EA

JOB DESCRIPTION / COMMENTS

Site Contact: Eric is on site contact 315 928 0970
secondary contact: Kritika 478 380 2213
PM: Evan Stevens (908)384-7800
Site Address: Use address on paperwork Franklin street/north 12 street/north 11 street/north 10 street
Onsite: 7 am

Two rolloffs for disposal:
First) Citi 224402-CT-IDW-RO-1008 to Bayshore
Second) Pratt 2244020-PR-IDW-RO-1008 to Cyclechem Inc.
Picking up open containers 20-0132 and 20-036 and taking them to disposal

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY
RSG1005409 ✓	Waste Disposal	6.39	TON	EVERGREEN RECYCLING SOLUTIONS, LLC
RSG1005407 ✓	Waste Disposal	1900.00	LB	Elizabeth

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE	CUSTOMER SIGNATURE	CUSTOMER SIGNATURE
X	X 11-13-2025	X
Dionicio Mirabel	Eric Beardslee	

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

ACV JOB #

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number N/A	2. Page 1 of	3. Emergency Response Phone 800-777-4557	4. Waste Tracking Number RSG 1005409

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway
Albany, NY 12233
Generator's Phone:

Generator's Site Address (if different than mailing address)
26 North 12thb Street
Brooklyn, NY 11249

6. Transporter 1 Company Name: ~~CWM Chemical~~ Services, Inc. — U.S. EPA ID Number: NJD005612047

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

8. Designated Facility Name and Site Address: ~~Clean Harbors Environmental Management~~ ~~75 Crows Mill Rd. Keasby, NJ 08832~~ ~~973 344 4004~~ 110 Evergreen AVE. NEWARK, NJ 07114 — U.S. EPA ID Number — 973-242-3030
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Regulated Material (IDW Soils)	XX 1	MC	15	T	ID27
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
box #20-0036
DECH #229431
9b.1) IDW Soil
Profile: BSM 2725-0940
Republic Contact: Even Steven
Phone: 908-348-7800

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

Generator's/Offeror's Printed/Typed Name: Eric Beardslee — Signature — Month 11 Day 13 Year 25

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

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Yohan Polanco — Signature — Month 11 Day 13 Year 25
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

DESIGNATED FACILITY
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

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

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rejected trash

DESIGNATED FACILITY TO GENERATOR

11.30

27871

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NA	1	800-899-4672	RSG 1005407

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway
Albany, NY 12233
Generator's Phone: 5184028044

Generator's Site Address (if different than mailing address)
16-33 North 10th Street
Brooklyn, NY 11249

6. Transporter 1 Company Name
ACV Environmental Services Inc.
U.S. EPA ID Number: NJD003812047

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

8. Designated Facility Name and Site Address
Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: 908 355 5800
U.S. EPA ID Number: NJ D002200046

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material (IDW Soil)	1 x 1	CM	20 yds		27
2.				1900 P		
3.						
4.						

13. Special Handling Instructions and Additional Information
9b.1) 1214241-LD / Pratt roll off IDW Waste
Contact: Even Steven
Phone # 908-348-7800
Box # 20-0132 Decaft # 229465

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

Generator's/Offeror's Printed/Typed Name: Eric Beardslee
Signature: Eric
Month 11 Day 13 Year 25

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dionicio Mirabal
Signature:
Month 11 Day 13 Year 25
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

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

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: A Gibson
Signature:
Month 11 Day 13 Year 25

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DESIGNATED FACILITY TO GENERATOR

REPUBLIC SERVICES

Sustainability in Action

11/13/2025	12:27PM
RcD I.D.	20-0132
Inbound weight	38600 lb

11/13/2025	12:45PM
RcD I.D.	20-0132
Gross	38600 lb
Tare	36700 lb
Net	1900 lb

CUSTOMER: NYSDEC

DRIVER: ACV (Dinucio)

TRUCK #:

PLATE #:

BOX #: 20-0132

PRODUCT: ISW SOIL

WEIGHT MASTER: @

201 SOUTH 1ST STREET, ELIZABETH, NJ 07206
PHONE: (908) 355-5800

REPUBLIC SERVICES

INDUSTRIAL / ENVIRONMENTAL SERVICES
800-7-SPILLS

T&M # BNTM138473
TASK #1 EA Engineering
Page 1 of 1

DATE	11/14/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Jeffrey Villa	Equipment Operator		07:00	13:30	**Lunch Taken: Yes No**
					If Yes, Time:

EQUIPMENT	QTY	UOM	ID#
Box Truck	6.50	HR	RT-0110

MATERIALS	QTY	UOM
Level D, Per Person	1.00	EA

JOB DESCRIPTION / COMMENTS

Additional day to offload drums from 11/12
Off loaded 12 drums at Cycle Chem.

12 X 75.-

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY
001671969 GBF	Non haz liquid drum	12.00	DRUM	Elizabeth

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE CUSTOMER SIGNATURE CUSTOMER SIGNATURE

X _____ X _____ X _____

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

9:30 **ACV JOB #** 27928

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYB980779664 | 2. Page 1 of | 3. Emergency Response Phone: 800 [illegible] | 4. Manifest Tracking Number: 001674969 GBF

GENERATOR

5. Generator's Name and Mailing Address: 625 Broadway, Albany, NY 12233 — Matthew Osit's 917 843 0638

Generator's Site Address (if different than mailing address): 26 North 12th Street, Brooklyn, NY 11249

Generator's Phone:

6. Transporter 1 Company Name: ACV Environmental Services, Inc. | U.S. EPA ID Number: NJD 005 812 047

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

8. Designated Facility Name and Site Address: [illegible] 217 South First Street 908-355-5800 | U.S. EPA ID Number: NJD 002 200 046

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. ~~UN3077, Hazardous Waste Solid (Benzene) n.o.s., 9, III, ERG#171~~ UB DNS J.V					
	2. Non-Regulated Materials Soil / Water	12	DM	600	P	
	3. ~~Non-Regulated Materials~~ DNS J.V ~~Non-regulated Materials~~					
	4. DNS J.V					

14. Special Handling Instructions and Additional Information

9b.1) 1212190-SSM
9b.2)1212152-LD
9b3) 1212169-LS
9b4) 1212148-LS

Truck # RT 116
DOCK # 086586
PLATE # XJLM26

Contact. Evan Steven 908-384-7800

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

Generator's/Offeror's Printed/Typed Name: Eric Beardslee | Signature: [signature] | Month 11 | Day 13 | Year 25

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JEFFREY Villa | Signature: [signature] | Month 11 | Day 13 | Year 25

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

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

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

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

1.	2.	3.	4.
	H141		

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

Printed/Typed Name: MARIAM A. AHMED | Signature: [signature] | Month 11 | Day 14 | Year 25

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

REPUBLIC SERVICES

INDUSTRIAL / ENVIRONMENTAL SERVICES
800-7-SPILLS

T&M # BNTM138480
TASK #1 EA Engineering
Page 1 of 1

DATE	11/17/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	217 S. First St.
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NJ 07206
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Uriah Barker	Field Technician		06:00	13:30	**Lunch Taken: Yes No**
					If Yes, Time:

EQUIPMENT	QTY	UOM	ID#
Stake Body/Utility Truck	7.50	HR	RT-0087

MATERIALS	QTY	UOM
Gloves - 12 in PVC	1.00	PAIR

JOB DESCRIPTION / COMMENTS

Take drums for disposal
Take drums for disposal at Cycle Chem in Elizabeth, N.J.

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY
RSG 1005404	RCRA Empty Drums	13.00	55	Elizabeth

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE



X
Uriah Barker

CUSTOMER SIGNATURE

X Customer Not Available

CUSTOMER SIGNATURE

X

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

~~9:00~~
9:20

27986

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NA	1	800-899-4672	RSG 1005404

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway
Albany, NY 12233
Generator's Phone:

Generator's Site Address (if different than mailing address)
16-33 North 10th Street
Brooklyn, NY 11249

6. Transporter 1 Company Name: ACV Environmental Services Inc. — U.S. EPA ID Number: NJD003812047

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

8. Designated Facility Name and Site Address
Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: 908 355 5800
U.S. EPA ID Number: NJ D002200046

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	~~Non-Regulated Material (IDW Soil)~~ UB					
2.	~~Non-Regulated Material (IDW Soil/Water)~~ UB ~~Non-Regulated Material (IDW NAPL Oil)~~					
3.	Non-Regulated Material (Empty Drums) UB	12	DM	660	P	ID72 mm
4.	Non Regulated Material (Empty Drums)	1	DF	55	P	ID27 mm

13. Special Handling Instructions and Additional Information
PLATE # XANL76 4) 1214627-MT
9b.1) 1212164-LD / IDW Soil 9b.2)1212172-LS Soil / Water 9b3)1212189- Contact: Even Steven
Truck # BT 114 DECAL # 006530 Phone # 908-348-7800

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

Generator's/Offeror's Printed/Typed Name: Eric Beardslee — Signature — Month 11 Day 15 Year 25

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JEFFREY Villa — Signature — Month 11 Day 15 Year 25
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

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

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

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: MARIAM A. AHMED — Signature — Month 11 Day 17 Year 25

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

DESIGNATED FACILITY TO GENERATOR

REPUBLIC SERVICES

INDUSTRIAL / ENVIRONMENTAL SERVICES
800-7-SPILLS

T&M # BNTM138534
TASK #1 EA Engineering
Page 1 of 1

DATE	11/20/2025	**SALES ORDER #**	BN104017
CUSTOMER NAME	EA ENGINEERING, SCIENCE, & TECH, INC.	**CONTACT NAME**	(845) 565-8100
CUSTOMER PO #		**SITE LOCATION**	16-33 North 10th Street
BILLING ADDRESS	225 SCHILLING CIR STE 400, HUNT VALLEY		Brooklyn, NY 11249
	Maryland , United States , 21031-1800		

Job Complete Job Incomplete
Prevailing Wage Per Diem, If Yes How Many?____

TASK 1 - EA Engineering

NAME	TITLE	FLEET ID	START TIME	END TIME	NOTES
Bindraban Deosaran	Equipment Operator		06:00	14:30	**Lunch Taken: Yes No**
					If Yes, Time:

EQUIPMENT	QTY	UOM	ID#
Stake Body/Utility Truck	8.50	HR	RT-0085X

MATERIALS	QTY	UOM
Gloves - 12 in PVC	1.00	PAIR

JOB DESCRIPTION / COMMENTS

Take drums for disposal
Pre-trip truck, took loaded (Drums) truck to Cycle Chem for disposal.

MANIFEST #	WASTE DESCRIPTION	QTY	UOM	FACILITY

SUBCONTRACTOR	DESCRIPTION

SUPERVISOR SIGNATURE

X
Bindraban Deosaran

CUSTOMER SIGNATURE

X Customer Not Available

CUSTOMER SIGNATURE

X

Signature is client's acceptance of labor, equipment, inventory, and general terms and conditions as stated on the reverse side.

ACV JOB # 28121

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD980779664	1	8007774557	001674968 GBF

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway
Albany, NY 12233
Matthew Osit's
917 843 0638

Generator's Site Address (if different than mailing address)
26 North 12th Street
Brooklyn, NY 11249

Generator's Phone:

6. Transporter 1 Company Name: ACV Environmental Services, Inc. — U.S. EPA ID Number: NJD 003 812 047

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

8. Designated Facility Name and Site Address
Cycle Chem Inc.
217 South First Street
908-355-5800
Facility's Phone:
U.S. EPA ID Number: NJD 002 200 046

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, Hazardous Waste Solid (Benzene) n.o.s., 9, III, ERG#171	xx1	DM	250 LB	P	D018
	2. Non-Regulated Materials	12 ~~20~~ LB	DM	6000 ~~10,000~~ LB	P	D027
	3. ~~Non Regulated Materials~~ DD ~~Non-regulated Materials~~ BD					
	4.					

14. Special Handling Instructions and Additional Information
~~PT HOOKS~~
PLATE # XDG
DECAL # 006378
9b.1) 1212190-SSM
9b.2) 1212152-LD
9b3) 1212169-LS
9b4) 1212142-LS
Contact: Evan Steven 908-384-7800

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

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Eric Beardslee	Eric Beardslee	11	13	25

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
LEWIS MEDINA	Lewis Medina	11	13	25
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

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

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

1.	2.	3.	4.
H141			

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

Printed/Typed Name	Signature	Month	Day	Year
MARIAM A. AHMED		11	20	25

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

9125 ACV JOB #

28120

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A

2. Page 1 of 1

3. Emergency Response Phone: 800-777-4357

4. Manifest Tracking Number: 001674967 GBF

5. Generator's Name and Mailing Address
625 Broadway
Albany, NY 12233
518-402-8044

Generator's Site Address (if different than mailing address)
41-20 2 North 11 Street
Brooklyn, NY 11249

Generator's Phone:

6. Transporter 1 Company Name: AGV Environmental Services, Inc.

U.S. EPA ID Number: NJD 005 812 047

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Earth of New Jersey
217 South First Street
908-355-5800

U.S. EPA ID Number: NJD 002 200 046

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 Non Regulated Marerial (IDW Soil)	XX 05	DM	4500	P	ID27
X	2. UN3077, Hazardous Waste Solid n.o.s., 9, III, ERG#171	XX 2	DM	750	P	D018
	3.					
	4.					

14. Special Handling Instructions and Additional Information
9b.1) 1212161-LD / IDW Soil
9b.2) 1214153-SSM / IDW NAPL MGP / ERG # 171
RT # 0085
PLATE # XDG
DECAL # 006378
Contact: Evan Steven 908-384-7800

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

Generator's/Offeror's Printed/Typed Name: Eric Beardslee
Signature: Eric Beardslee
Month 11 Day 13 Year 25

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lewis Medina
Signature: Lewis Medina
Month 11 Day 13 Year 25

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

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

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

1.	2.	3.	4.
H141			

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

Printed/Typed Name: MARIAM A. ATHILEN
Signature
Month 11 Day 20 Year 25

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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Appendix J
Topographic and Geophysical Surveys

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GEOPHYSICAL ENGINEERING SURVEY REPORT

Former Pratt Refinery and CitiStorage
Kent Avenue and North 12th Street,
Brooklyn, NY 11249

NOVA PROJECT NUMBER:
25-5254

DATED:
August 25, 2025

PREPARED FOR:
EA Science and Technology
333 West Washington Street, Suite 300
Syracuse, New York 13202
www.eaest.com

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com

August 25, 2025

Kritika Thapa,
STV Inc.
333 West Washington Street, Suite 300
Syracuse, New York 13202
P: 315.565.6561 M: 478.390.2213

Re: Geophysical Engineering Survey (GES) Report
Former Pratt Refinery and CitiStorage
Kent Avenue and North 12th Street,
Brooklyn, NY 11249

Dear Ms. Thapa,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: Former Pratt Refinery and CitiStorage, Brooklyn, New York (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures in the vicinity of the proposed boring areas on August 19th – 20th, 2025.

The equipment selected for this investigation was a GSSI UtilityScan 350 MHz ground penetrating radar (GPR) with a shielded antenna Sensors and Software Noggin 250 MHz GPR with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250/350 MHz. The trigger pulse is 3sent to the transmitter electronics in the transducer via the control

cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

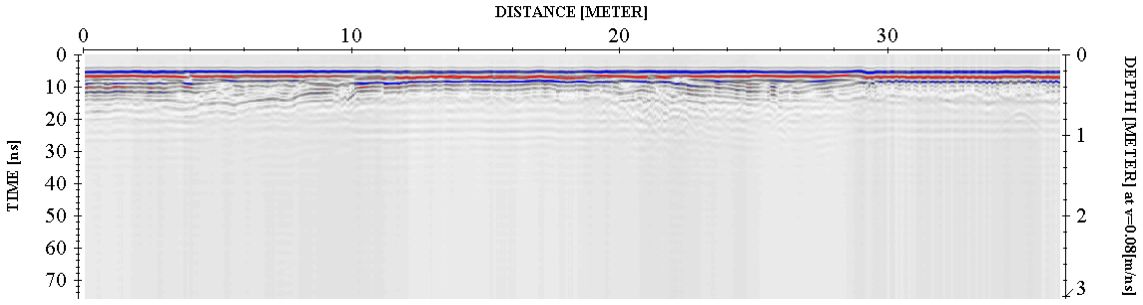
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

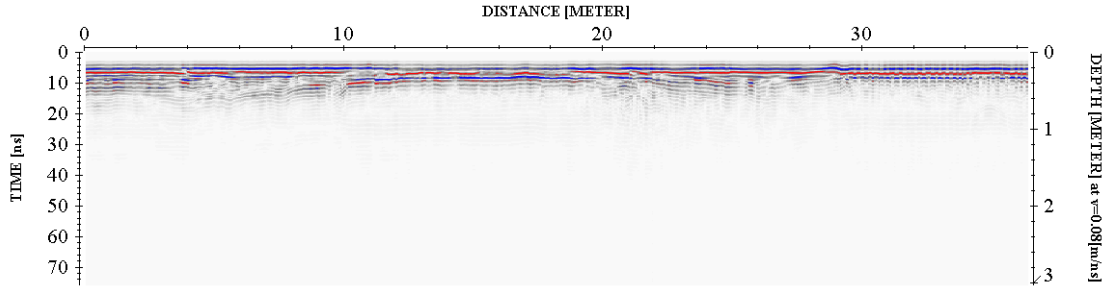
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

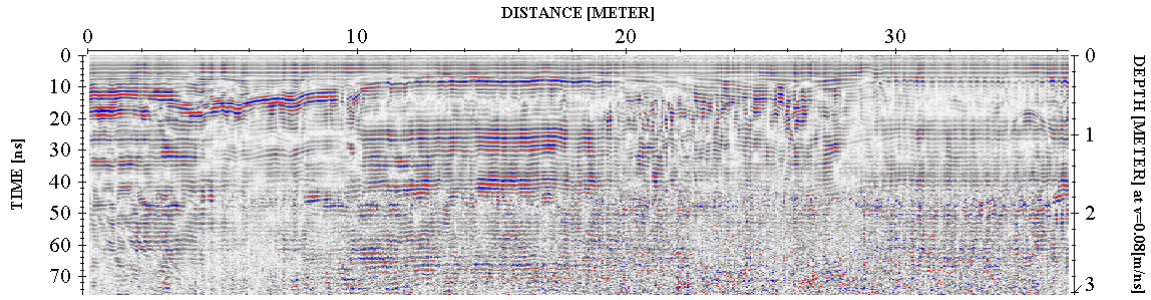
Step 1. Import Raw RAMAC data to standard processing format



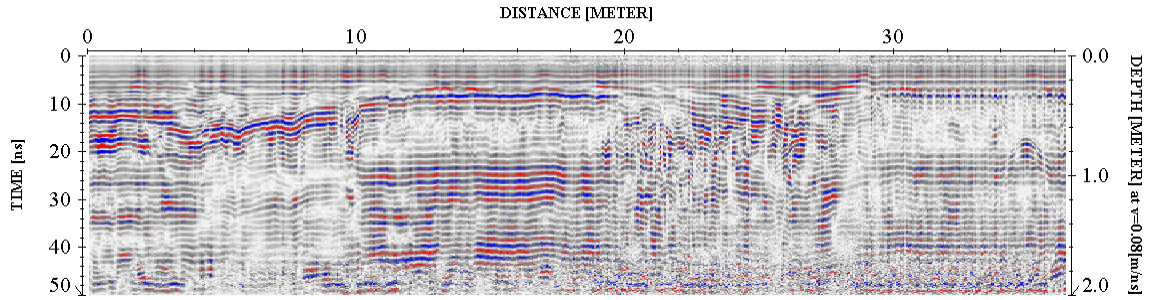
Step 2. Remove instrument noise *(dewow)*



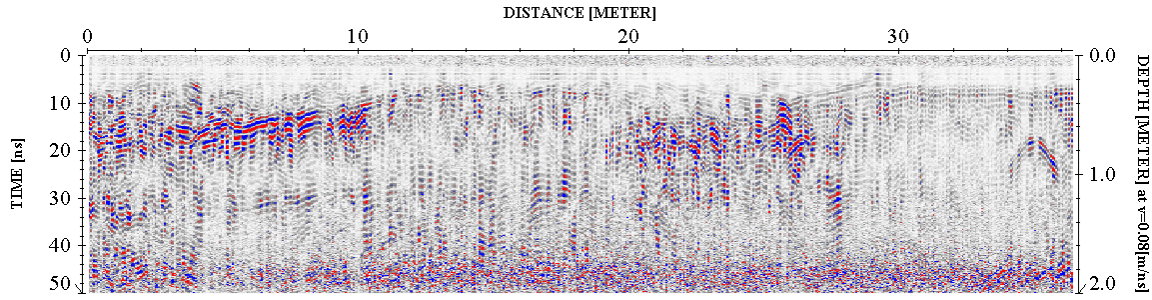
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Sunny/ Overcast/ Light Rain

Temperature: 73° F

Surface: Concrete, Asphalt, Grass

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 2'. Additional GPR data was collected over features of interest. An EM utility locator was used in conjunction with GPR throughout the survey area.

Limitations: The geophysical noise level (GNL) at the site was high due to being in an urban environment, and other unknown anthropogenic noise sources. Utilities at depths greater than approximately 5 feet below ground surface or with insufficient dielectric contrast may not have been located with the applied geophysical techniques.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as water, sewer, storm sewer/ Drainage) were identified within the surveyed areas. The approximate locations are shown in the survey plan.
- The GES identified multiple drainage/ sewer lines within the CItiStorage site area. Multiple anomalies were also identified within this area as well, see (Survey Plan).
- GES identified a buried powerline and sewer line within proximity to the boring location within the public park area.
- The GES identified multiple unidentified liner anomalies within the Pratt Refinery area that each lead to the coast line and into the water, see (Survey Plan).
- The GES identified two hydrants along the coast of the Pratt Refinery area that both lead into the water.
- NOVA scanned the coastal area of the Pratt Refinery and identified 4 linear anomalies that are consistent with buried utility pipes.
- The GES was unable to access the pier area with our GPR due to the area being fenced off, see (Survey Plan). EM scanning of the area did not reveal any utilities present.

- The linear anomaly near the northernmost part of the (Survey Plan) is an abandoned steel pipe that was connected to the above ground storage tank.
- NOVA cleared and marked all proposed boring locations and moved any that were within proximity to any buried utilities or anomalies.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

Project Manager

Attachments:

Location Map

Survey Plan

Geophysical Images



NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Location Map

SITE:	**Former Pratt Refinery and CitiStorage** Kent Avenue and North 12th Street, Brooklyn, NY 11249
CLIENT:	EA Science and Technology
DATE:	August 19th – 20th, 2025
AUTH:	Ethan Siegenthaler

LEGEND



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SURVEY PLAN

SITE:	**Former Pratt Refinery and CitiStorage** Kent Avenue and North 12th Street, Brooklyn, NY 11249
CLIENT:	EA Science and Technology
DATE:	August 19th – 20th, 2025
AUTH:	Ethan Siegenthaler

LEGEND

- Survey Areas
- Proposed Boring Location
- Drain
- Anomalous Area
- Innacessable to GPR
- Electric
- Gas
- Water Line
- Sewer
- Linear Anomaly
- Oil/ Water Steel pipe

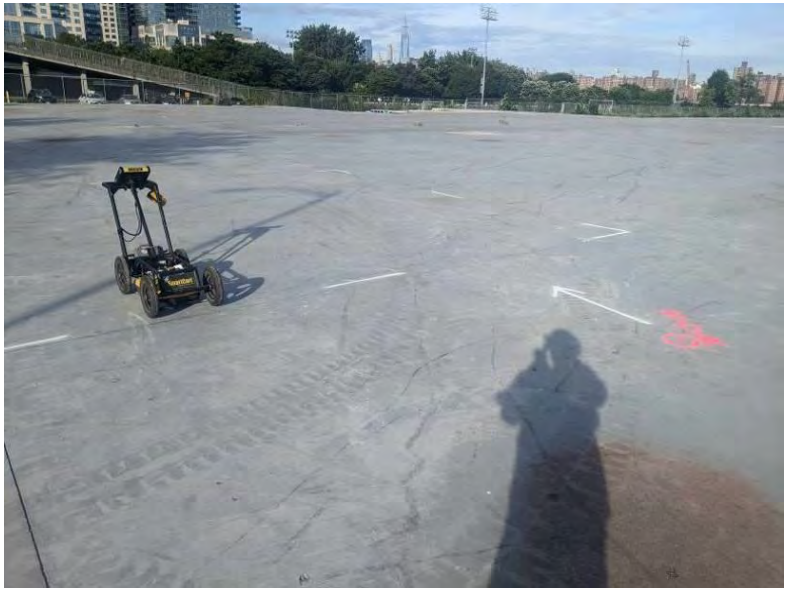
Geophysical Images

Former Pratt Refinery and CitiStorage
Kent Ave and North 12th St,
Brooklyn, NY 11249
August 19th – 20th, 2025









Geophysical Images

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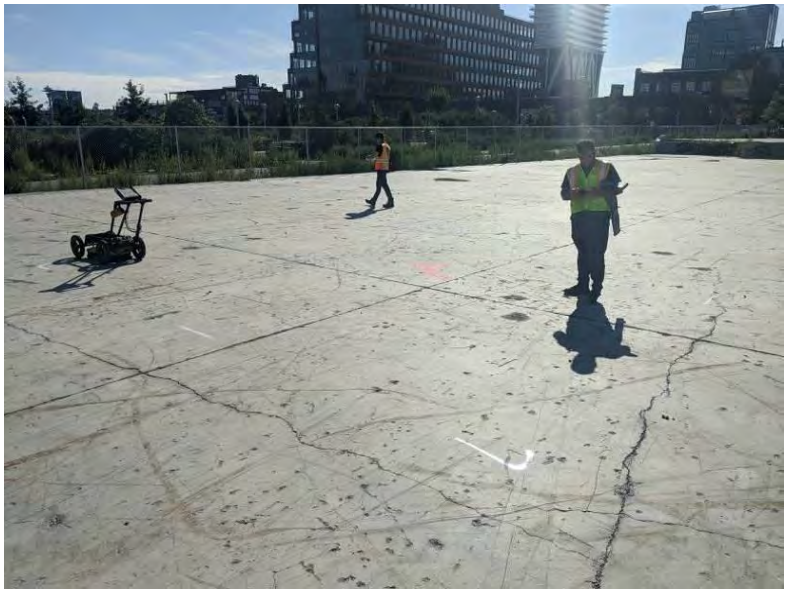




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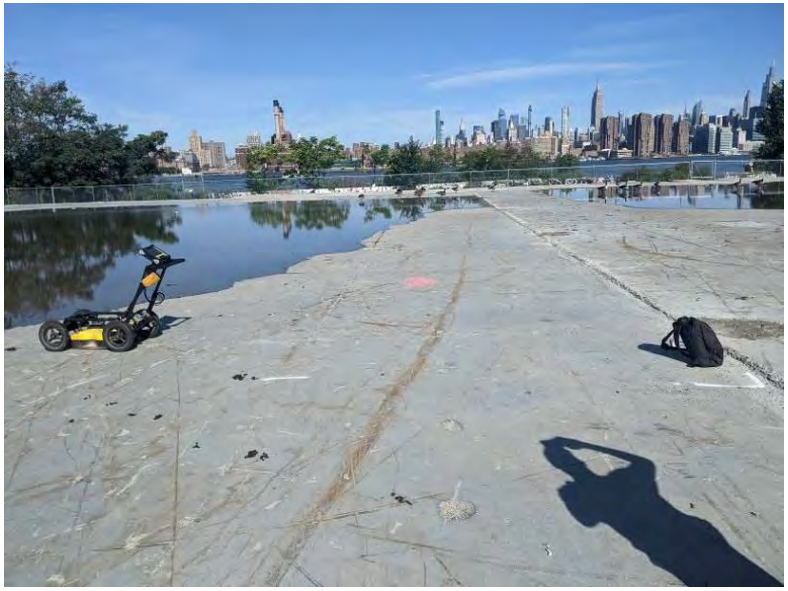
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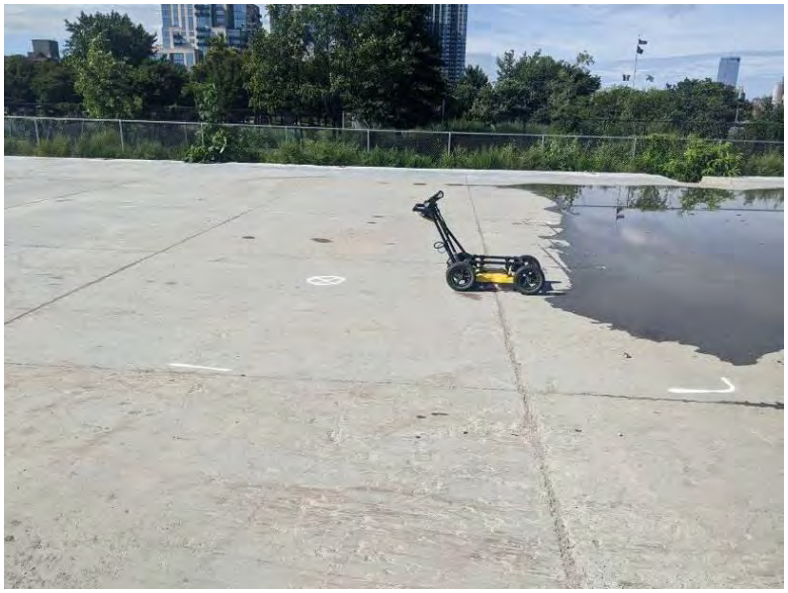




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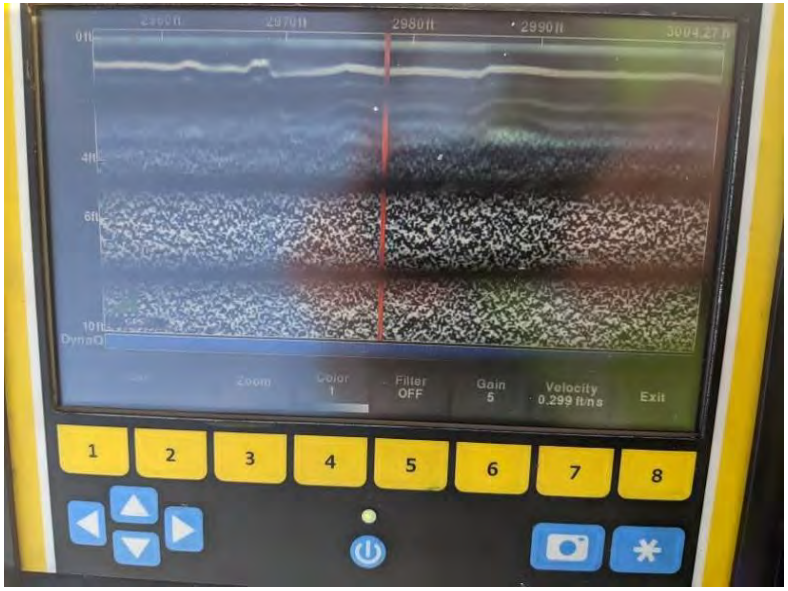


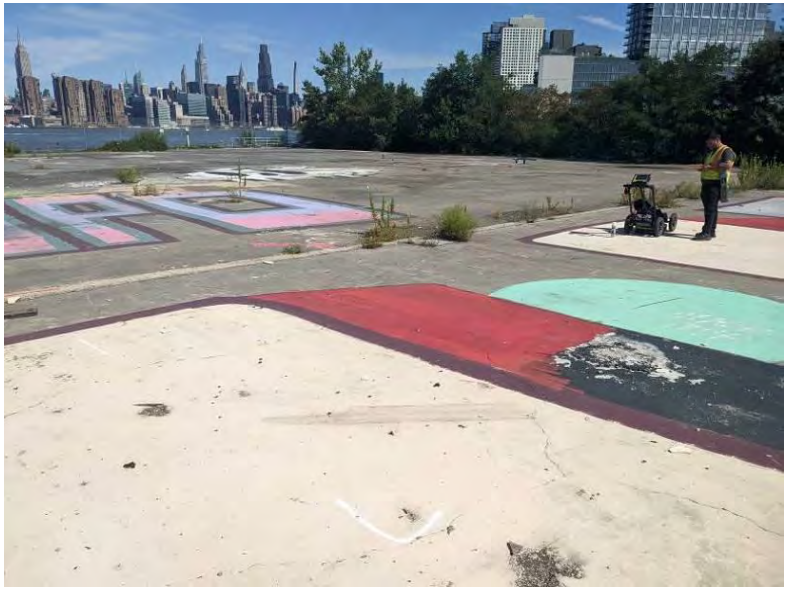
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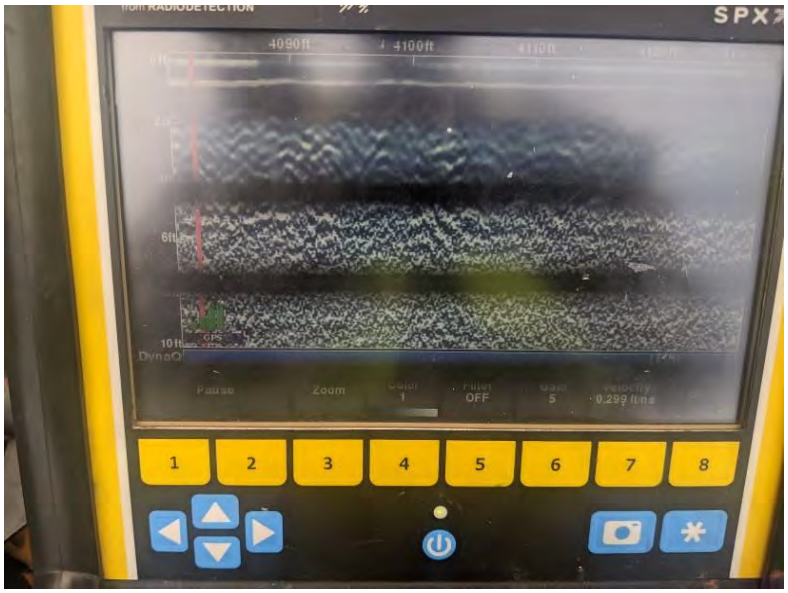


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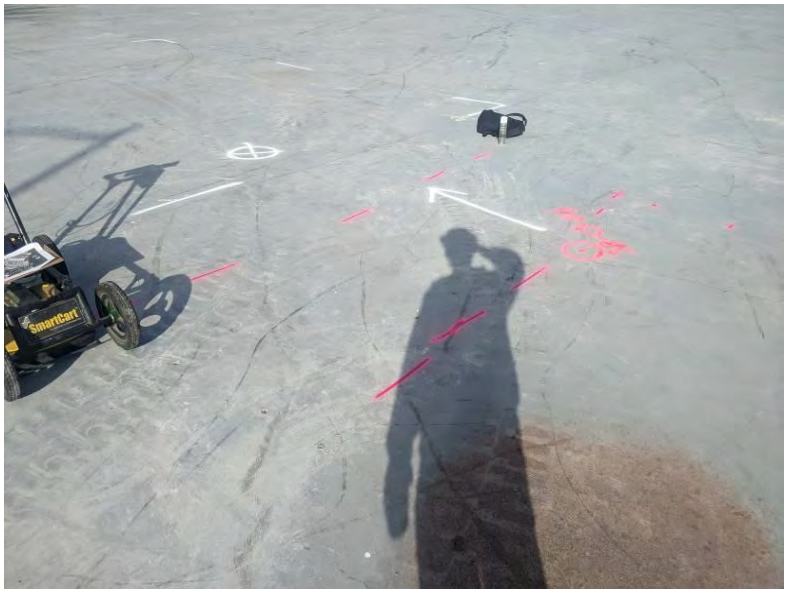






Geophysical Images

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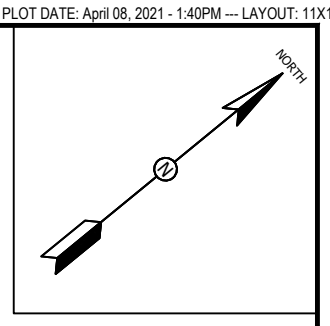




11x17 --- ATTACHED XREFS: --- ATTACHED IMAGES: 2017-04-26-Highlighted Drainage Plan; 2a-Conceptual Site Plan Novem 2006; GE image (2005 ft.)v3; MARKUP-Sample Location Plan with Piping-11X17P;
DRAWING NAME: \\NYC-FP1\environmental\Shared\Projects\NYC Parks Contract 20166200181\254161.0000 - Bayside Fuel Depot Investigation\Deliverables\SPDES Permits\SPDES Permit Closure Plan\Figures\TRC Working Drawings\ Figure 2 - Site Plan w. Drain. Feat. (BFD).dwg --- PLOT DATE: April 08, 2021 - 1:40PM --- LAYOUT: 11X17P

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.



EAST RIVER

AREA OF FORMER ASTs

PUMP-OUT PIT TO OIL / WATER SEPARATOR

OUTFALL 001/01A

2 - 300 GPM, STORM WATER PUMPS

BUSHWICK INLET

SUMP WITH 2 - 300 GPM PUMPS TO OIL / WATER SEPARATOR

NORTH 11TH STREET

NORTH 12TH STREET

PARKING

OIL/WATER SEPARATORS

NORTH 13TH STREET
(KENT AVENUE)

LEGEND (SYMBOLS NOT TO SCALE) (CONTINUED):

AST	ABOVEGROUND STORAGE TANK
	UNDERGROUND STORM WATER PIPING WITHIN AST NETWORK
	UNDERGROUND STORM WATER PIPING WITHIN LOADING RACK CONTAINMENT AREA
	UNDERGROUND STORM WATER PIPING IN OIL/WATER SEPARATOR AREAS
— x — x —	FENCE
	CATCH BASIN

(TO BE CLEANED AND CLOSED TO SATISFY 6NYCRR 750-2.11 AND TERMINATE SPDES IND. DISCHARGE PERMIT)

0 100' 200'

SCALE: 1" = 100'
SHEET SIZE 11" BY 17"

PROJECT:
NEW YORK CITY DEPARTMENT OF PARKS AND RECREATION
FORMER BAYSIDE FUEL DEPOT
BROOKLYN, NEW YORK

TITLE:
SITE PLAN WITH DRAINAGE FEATURES

DRAWN BY:	H. DELGADO	PROJ NO.:	254161.0000.0000
CHECKED BY:	L. O'HARA		
APPROVED BY:	J. MIRANDA		**FIGURE 2**
DATE:	APRIL 2021		

TRC
1430 Broadway, 10th Floor
New York, NY 10018
Phone: 212.221.7822
www.TRCcompanies.com

FILE NO.: Figure 2 - Site Plan w. Drain. Feat. (BFD).dwg

XREFS: NONE

PROJECT NUMBER: 25.0268



SITE LOCATION MAP
(NOT TO SCALE)

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3025900100

RIVER

BUSHWICK INLET

EAST

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3022870030

NOTE: IMPROVEMENTS NOT LOCATED PER CLIENT REQUEST

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3022870016

NOTE: IMPROVEMENTS NOT LOCATED PER CLIENT REQUEST

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3022870001

NOTE: IMPROVEMENTS NOT LOCATED PER CLIENT REQUEST

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3022940001

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3022940005

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3022770001

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3025900101

REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
BBL#:3025900101

BENCHMARK
HYDRANT
ELEVATION=7.90'

BENCHMARK
"X" CUT IN CONCRETE
ELEVATION=9.46'

N. 12TH STREET

N. 11TH STREET

N. 10TH STREET
NOTE: UNMAINTAINED, NO CURBS

KENT AVENUE

LEGEND:

BOL ○	Bollard
CIRF ⊙	Capped Iron Rod Found
DMH ⬡	Drainage Manhole
EMTR △	Electric Meter
GMTR □	Gas Meter
IRF ⊙	Iron Rod Found
LP ✦	Light Pole
SB ◑	Soil Boring
MW ◑	Monitoring Well
SMH ⬡	Sanitary Manhole
SVP-10 ◉	Soil Vapor Point Location
TPED □	Telephone Pedestal
UMH ⬡	Unknown Manhole
WV ⊙	Water Valve
BBL #	Borough-Block-Lot
N: 202311.9299 E: 994559.9071 ELEV: -2.58 WW-MW-200	National Grid
N: 202292.8481 E: 994559.0119 ELEV: -2.31	CT Male

BAR SCALE
40 0 20 40 80
1 inch = 40 ft.

"ONLY COPIES OF THIS MAP SIGNED IN RED INK AND EMBOSSED WITH THE SEAL OF AN OFFICER OF C.T. MALE ASSOCIATES OR A DESIGNATED REPRESENTATIVE SHALL BE CONSIDERED TO BE A VALID TRUE COPY".

MAP NOTES:

1. Information shown hereon was compiled from an actual field survey conducted during the month of August, 2025.
2. North orientation and bearings are referenced to Grid North and are based on the New York State Plane Coordinate System, Long Island Zone, NAD 83/2011 epoch 2010.00
3. Vertical datum shown hereon is NAVD 88 (Geoid 18) and was obtained from GPS observations.
4. The location of underground improvements or encroachments, if any exist, or as shown hereon, are not certified. There may be underground utilities, the existence of which are not known to the undersigned. Size and location of all underground utilities and structures must be verified by the appropriate authorities. Dig Safely New York must be notified prior to conducting test borings, excavation and construction.
5. Property lines shown hereon or depicted are taken from existing, publicly available tax mapping and are not representative of an actual property survey.

DRAFT

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
02/19/26	1	REVISED PER COMMENTS	ZRS	JJV	
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

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C.T. MALE ASSOCIATES

APPROVED:
DRAFTED : DBT
CHECKED : ZRS
PROJ. NO : 25.0268
SCALE : 1"=40'
DATE : NOV. 21, 2025

TOPOGRAPHIC SURVEY OF
REPUTED LANDS NOW OR FORMERLY OF
THE NYC DEPARTMENT OF PARKS AND RECREATION
THE FORMER PRATT REFINERY: SITE NO. 224402, CITISTORAGE: SITE NO. 224341
PREPARED FOR
EA ENGINEERING AND GEOLOGY, P.C.

BOROUGH OF BROOKLYN — KINGS COUNTY, NEW YORK

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400
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SHEET 1 OF 1
DWG. NO: 25-xxx

CAD DWG: FILE NAME: K:\Projects\25\0268\Survey\Drawings and Maps\TS_25.0268 Bushwick-NGrid_ZRS.dwg

TS_25.0268 Bushwick-NGrid_ZRS.dwg

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Appendix K
Unrestricted Use Analytical Evaluation

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Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SS-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01
					Coordinates (Northing, Easting)	203041.499, 995605.759	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754
					Sample Name	224402-SS-PR-01-00-0.5	224402-SB-PR-01-00-0.5	224402-SB-PR-DUP-03	224402-SB-PR-01-12-14	224402-SB-PR-01-AR-19-19.5	224402-SB-PR-01-AR-DUP-01
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	0 - 0.5	12 - 14	19 - 19.5	19 - 19.5
					Parent Sample ID			224402-SB-PR-01-00-0.5			224402-SB-PR-01-AR-19-19.5
					Sample Date	9/9/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	N	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	N
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	0	3				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.0008 U	< 0.00083 U	< 0.044 U	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.008 U	< 0.0083 U	< 0.088 U	--	--
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0039 U	< 0.0032 U	< 0.0033 U	< 0.088 U	--	--
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.44 U	--	--
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.18 U	--	--
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	0.015 J	--	--
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.44 U	--	--
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.0008 U	< 0.00083 U	< 0.044 U	--	--
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.016 U	< 0.017 U	< 0.88 U	--	--
Acetone	0.03	100	500	0.03	mg/kg	0.016 UJ	0.030 J	**0.037 J**	**0.27 J**	--	--
Benzene	0.06	3.7	20	0.06	mg/kg	0.0031	< 0.0016 U	< 0.0017 U	0.056 J	--	--
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 UJ	< 0.008 UJ	< 0.0083 UJ	< 0.44 UJ	--	--
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.016 U	< 0.017 U	< 0.44 U	--	--
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.016 U	< 0.017 U	< 0.18 U	--	--
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0039 U	< 0.0032 U	< 0.0033 U	< 0.18 U	--	--
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.008 U	< 0.0083 U	< 0.18 UJ	--	--
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.0008 U	< 0.00083 U	< 0.044 U	--	--
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.008 U	< 0.0083 U	< 0.18 U	--	--
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.0008 U	< 0.00083 U	< 0.044 U	--	--
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.016 U	< 0.017 U	< 0.18 U	--	--
Ethylbenzene	1	76	390	1	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	0.014 J	--	--
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	< 0.0039 U	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	0.079 J	--	--
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.039 U	< 0.032 U	< 0.033 U	**0.28 J**	--	--
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.016 U	< 0.017 U	< 0.88 U	--	--
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.019 U	< 0.016 U	< 0.017 U	< 0.44 U	--	--
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.0032 U	< 0.0033 U	0.032 J	--	--
Naphthalene	12	100	500	12	mg/kg	< 0.0039 U	< 0.0032 U	< 0.0033 U	0.15 J	--	--
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	0.019 J	--	--
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	0.023 J	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SS-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01
					Coordinates (Northing, Easting)	203041.499, 995605.759	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754
					Sample Name	224402-SS-PR-01-00-0.5	224402-SB-PR-01-00-0.5	224402-SB-PR-DUP-03	224402-SB-PR-01-12-14	224402-SB-PR-01-AR-19-19.5	224402-SB-PR-01-AR-DUP-01
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	0 - 0.5	12 - 14	19 - 19.5	19 - 19.5
					Parent Sample ID			224402-SB-PR-01-00-0.5			224402-SB-PR-01-AR-19-19.5
					Sample Date	9/9/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	N	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	N
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	0	3				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	0.027 J	--	--
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0039 U	< 0.0032 U	< 0.0033 U	< 0.088 U	--	--
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 UJ	--	--
Toluene	0.7	100	500	0.7	mg/kg	0.0012 J	< 0.0016 U	< 0.0017 U	0.016 J	--	--
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.0008 U	< 0.00083 U	< 0.044 U	--	--
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.008 U	< 0.0083 U	< 0.18 U	--	--
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0097 UJ	< 0.008 UJ	< 0.0083 UJ	< 0.18 U	--	--
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0019 U	< 0.0016 U	< 0.0017 U	< 0.088 U	--	--
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.092 J	0.011 J	< 0.036 U	42	--	--
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 3.1 U	< 0.73 U	< 0.73 U	< 9.9 U	--	--
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 3 U	< 0.71 U	< 0.72 U	< 9.8 U	--	--
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 UJ	< 5 UJ	--	--
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.17	0.016 J	0.014 J	35	--	--
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.37 U	< 0.37 U	< 5 U	--	--
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.18 U	< 0.18 U	< 2.5 U	--	--
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 3 UJ	< 0.71 U	< 0.72 U	< 9.8 U	--	--
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 3 UJ	< 0.71 U	< 0.72 U	< 9.8 U	--	--
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 3 UJ	< 0.71 U	< 0.72 U	< 9.8 U	--	--
Acenaphthene	20	100	500	98	mg/kg	0.049 J	0.023 J	0.011 J	**39**	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.084 J	< 0.036 U	< 0.036 U	5.6	--	--
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Anthracene	100	100	500	1000	mg/kg	0.19	0.026 J	0.012 J	48	--	--
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 3.1 U	< 0.73 UJ	< 0.73 UJ	< 9.9 UJ	--	--
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.37 UJ	< 0.37 UJ	< 5 UJ	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.68	0.099	0.079	**52**	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.88	0.1	0.094	**43**	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.99	0.13	0.13	**44**	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**1.1**	0.068	0.1	**21**	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SS-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01
					Coordinates (Northing, Easting)	203041.499, 995605.759	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754
					Sample Name	224402-SS-PR-01-00-0.5	224402-SB-PR-01-00-0.5	224402-SB-PR-DUP-03	224402-SB-PR-01-12-14	224402-SB-PR-01-AR-19-19.5	224402-SB-PR-01-AR-DUP-01
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	0 - 0.5	12 - 14	19 - 19.5	19 - 19.5
					Parent Sample ID			224402-SB-PR-01-00-0.5			224402-SB-PR-01-AR-19-19.5
					Sample Date	9/9/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	N	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	N
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	0	3				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.33	0.051	0.05	**15**	--	--
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.31 U	< 0.073 U	< 0.073 U	< 0.99 U	--	--
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.37 U	< 0.37 U	< 5 U	--	--
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	0.092 J	0.077 J	< 5 U	--	--
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 UJ	--	--
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.18 U	< 0.18 U	< 2.5 U	--	--
Chrysene	1	4.9	47	1	mg/kg	0.72	0.11	0.095	**52**	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.12 J	< 0.036 U	0.022 J	**5.2**	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	**8.9**	--	--
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Fluoranthene	85	100	500	1000	mg/kg	1.2	0.22	0.17	**95**	--	--
Fluorene	30	100	500	386	mg/kg	0.080 J	0.025 J	< 0.036 U	21	--	--
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.37 U	< 0.37 U	< 5 U	--	--
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.64**	0.074	0.093	**20**	--	--
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Naphthalene	12	100	500	12	mg/kg	0.18	0.020 J	0.022 J	**19**	--	--
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.78	0.12	0.064	**110**	--	--
Phenol	0.33	100	500	0.33	mg/kg	< 1.6 U	< 0.37 U	< 0.37 U	< 5 U	--	--
Pyrene	64	100	500	1000	mg/kg	1.4	0.23	0.16	**150**	--	--
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.37 U	< 0.37 U	< 5 U	--	--
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.15	< 0.036 U	< 0.036 U	--	--	--
Acenaphthene	20	100	500	98	mg/kg	< 0.076 UJ	< 0.036 U	< 0.036 U	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.12	0.0086 J	< 0.036 U	--	--	--
Anthracene	100	100	500	1000	mg/kg	0.17	0.017 J	0.011 J	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.57	0.097	0.078	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.69	0.12	0.084	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.83	0.16	0.12	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**1.1**	0.1	0.092	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.28	0.076	0.055	--	--	--
Chrysene	1	4.9	47	1	mg/kg	0.64	0.091	0.086	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.17	< 0.036 U	0.019 J	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	1.1	0.2	0.15	--	--	--
Fluorene	30	100	500	386	mg/kg	< 0.076 U	< 0.036 U	< 0.036 U	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.56**	0.1	0.086	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.13	< 0.036 U	< 0.036 U	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.55	0.073	0.061	--	--	--
Pyrene	64	100	500	1000	mg/kg	1	0.16	0.13	--	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SS-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01
					Coordinates (Northing, Easting)	203041.499, 995605.759	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754
					Sample Name	224402-SS-PR-01-00-0.5	224402-SB-PR-01-00-0.5	224402-SB-PR-DUP-03	224402-SB-PR-01-12-14	224402-SB-PR-01-AR-19-19.5	224402-SB-PR-01-AR-DUP-01
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	0 - 0.5	12 - 14	19 - 19.5	19 - 19.5
					Parent Sample ID			224402-SB-PR-01-00-0.5			224402-SB-PR-01-AR-19-19.5
					Sample Date	9/9/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	N	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	N
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	0	3				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0631 J	--	--	28.7	3.34 J	3.27 J
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.166 J	--	--	44.9	2 J	1.33 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.23 J	--	--	60.9	7.63 J	2.61 J
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.316 J	--	--	38.9	4.18 J	2.8 J
Acenaphthene	20	100	500	98	mg/kg	0.0654 J	--	--	**34.2**	3.43 J	5.16 J
Acenaphthylene	100	100	500	365	mg/kg	0.207 J	--	--	6.63	0.655 J	1.35 J
Anthracene	100	100	500	1000	mg/kg	0.333 J	--	--	50.8	5.88 J	10.1 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**1.36 J**	--	--	**49.7**	**8.22 J**	**18 J**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**2.17 J**	--	--	**33.9**	**7.26 J**	**14 J**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.65 J**	--	--	**22.8 J**	**5.68 J**	**10.3 J**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**2.92 J**	--	--	**16.4**	**5.14 J**	**8.25 J**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	1.54 J	--	--	26.1 J	5.49 J	9.88 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	1.61 J	--	--	20.7	5.27 J	8.92 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0608 J	--	--	0.787	0.618 J	0.667 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.3 J	--	--	38.2	8.18 J	14.2 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.17 J	--	--	40.8	2.66 J	3.81 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.22 J	--	--	89.9	14.3 J	28.8 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0821 J	--	--	30.8	5.21 J	3.61 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.337 J	--	--	51.8	4.37 J	3.01 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.01 J	--	--	140	26.5 J	18.8 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.16 J	--	--	23	5.64 J	10.1 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.242 J	--	--	52.7	4.63 J	7.79 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.16 J	--	--	38.9	7.69 J	13.6 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.279 J	--	--	47.8	12.5 J	13.5 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.454 J	--	--	141	16.2 J	6.15 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.869 J	--	--	95.9	28.8 J	19.7 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.65 J	--	--	14.6	4.23 J	8.17 J
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.257 J	--	--	44.3	4.26 J	8.48 J
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.02 J	--	--	22.2	4.76 J	9.65 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.539 J	--	--	38.2	15.1 J	20 J
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.436 J	--	--	151	27.3 J	22.3 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.591 J	--	--	45.2	20.6 J	15.8 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.28 J	--	--	7.84	2.14 J	4.29 J
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.16 J	--	--	26.9	2.23 J	5.55 J
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.909 J	--	--	15.8	3.2 J	6.83 J
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.357 J	--	--	88.2	24 J	26.1 J
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.37 J	--	--	20.3	21 J	10.6 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	1.55 J	--	--	45.8	9.15 J	14.1 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.566 J	--	--	4.95	1.34 J	2.29 J
Dibenzofuran	2.1	18	180	110	mg/kg	0.111 J	--	--	**8.37**	2.09 J	1.6 J
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.0859 J	--	--	15.3	1.4 J	1.34 J
Fluoranthene	85	100	500	1000	mg/kg	1.72 J	--	--	**87.4**	16.1 J	33.9 J
Fluorene	30	100	500	386	mg/kg	0.0724 J	--	--	20.3	4.22 J	1.44 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**1.83 J**	--	--	**15.9**	**4.49 J**	**7.51 J**
Naphthalene	12	100	500	12	mg/kg	0.289 J	--	--	**18.8**	**24.4 J**	9.16 J
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.57 J	--	--	7.1	1.78 J	3.34 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	**1.23 J**	--	--	**133**	**20.1 J**	**7.86 J**
Pyrene	64	100	500	1000	mg/kg	2.01 J	--	--	**110**	18.5 J	44.5 J
Retene	NSL	NSL	NSL	NSL	mg/kg	R	--	--	9.96	37.9 J	5.49 J

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SS-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01
					Coordinates (Northing, Easting)	203041.499, 995605.759	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754
					Sample Name	224402-SS-PR-01-00-0.5	224402-SB-PR-01-00-0.5	224402-SB-PR-DUP-03	224402-SB-PR-01-12-14	224402-SB-PR-01-AR-19-19.5	224402-SB-PR-01-AR-DUP-01
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	0 - 0.5	12 - 14	19 - 19.5	19 - 19.5
					Parent Sample ID			224402-SB-PR-01-00-0.5			224402-SB-PR-01-AR-19-19.5
					Sample Date	9/9/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	N	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	N
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	0	3				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	7500	5990	5880	2310	--	--
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.52 UJ	< 4.15 UJ	< 4.29 UJ	< 14.6 UJ	--	--
Arsenic	13	16	16	16	mg/kg	**58.7**	2.65	2.63	**61.3**	--	--
Barium	410	410	410	820	mg/kg	103	41.1 J	39.4 J	170 J	--	--
Beryllium	4.4	43	670	47	mg/kg	0.536	0.234 J	0.230 J	0.201 J	--	--
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.866 J	0.442 J	0.400 J	1.90 J	--	--
Calcium	NSL	NSL	NSL	NSL	mg/kg	18700	2380	2270	4290	--	--
Chromium, Hexavalent	1	1	11	19	mg/kg	< 1.8 U	< 4.3 U	< 4.3 U	R	--	--
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	13.3	14.8 J	14.5 J	40.1 J	--	--
Cobalt	NSL	NSL	NSL	NSL	mg/kg	10.4	5.75	6.16	4.83 J	--	--
Copper	50	280	280	1720	mg/kg	**93.7**	**51.2**	**52.4**	**223**	--	--
Cyanide	2.3	13	28	40	mg/kg	< 0.54 U	< 0.54 UJ	< 0.54 UJ	< 3.4 UJ	--	--
Iron	NSL	NSL	NSL	NSL	mg/kg	24000	13700	12500	102000	--	--
Lead	63	400	1000	450	mg/kg	**323**	**67.4**	**86.9**	**1660**	--	--
Magnesium	NSL	NSL	NSL	NSL	mg/kg	4380	2070 J	2040 J	1770 J	--	--
Manganese	1600	2000	10000	2000	mg/kg	235	255	264	435	--	--
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.085 U	0.080 J	0.073 J	**3.26 J**	--	--
Nickel	30	320	320	130	mg/kg	23.9	13.8	14.3	19.8	--	--
Potassium	NSL	NSL	NSL	NSL	mg/kg	1040	697 J	722 J	523 J	--	--
Selenium	3.9	110	1700	4	mg/kg	0.926 J	< 1.66 U	< 1.72 U	1.16 J	--	--
Silver	2	110	1700	8.3	mg/kg	< 0.452 U	< 0.415 U	< 0.429 U	< 1.46 U	--	--
Sodium	NSL	NSL	NSL	NSL	mg/kg	409	< 166 UJ	< 172 UJ	3070 J	--	--
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.81 U	< 1.66 U	< 1.72 U	< 5.85 U	--	--
Vanadium	NSL	NSL	NSL	NSL	mg/kg	55.1	23.4	20.8	18	--	--
Zinc	109	6600	10000	2480	mg/kg	**463**	99.2	94	**1030**	--	--
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 U	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 U	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 UJ	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 U	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.97 U	< 4.97 U	< 4.94 U	< 4.96 UJ	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.97 U	< 4.97 U	< 4.94 U	< 4.96 U	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.994 U	< 0.993 UJ	< 0.988 UJ	R	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 U	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 U	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 U	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.99 U	< 1.98 U	< 1.99 U	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.99 U	< 1.98 U	< 1.99 U	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.397 U	< 0.395 U	< 0.397 U	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.397 U	< 0.395 U	< 0.397 U	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.397 U	< 0.395 U	< 0.397 U	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.397 U	< 0.395 U	< 0.397 U	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	< 0.794 U	< 0.791 U	< 0.794 U	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	0.163 J	0.117 J	0.122 J	< 0.199 U	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SS-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-01
					Coordinates (Northing, Easting)	203041.499, 995605.759	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754
					Sample Name	224402-SS-PR-01-00-0.5	224402-SB-PR-01-00-0.5	224402-SB-PR-DUP-03	224402-SB-PR-01-12-14	224402-SB-PR-01-AR-19-19.5	224402-SB-PR-01-AR-DUP-01
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	0 - 0.5	12 - 14	19 - 19.5	19 - 19.5
					Parent Sample ID			224402-SB-PR-01-00-0.5			224402-SB-PR-01-AR-19-19.5
					Sample Date	9/9/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	N	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	N
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	0	3				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	0.162 J	0.144 J	< 0.199 U	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	0.24	< 0.199 U	< 0.198 U	< 0.199 U	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	2.10 J	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	0.22	< 0.199 U	< 0.198 U	< 0.199 U	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	0.163 J	0.0821 J	0.0808 J	< 0.199 U	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 UJ	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.153 J	0.225	0.2	< 0.199 U	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.179 J	0.106 J	0.0887 J	0.0701 J	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	< 0.198 U	< 0.199 U	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	0.215 J	< 0.397 U	< 0.395 U	< 0.397 U	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	0.0730 J	< 0.198 U	< 0.199 U	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	0.0829 J	0.0790 J	< 0.199 U	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	0.196 J	0.189 J	< 0.199 U	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.058 U	< 0.054 U	< 0.054 U	**0.40 J**	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.030 J	0.047 J	0.043 J	< 1.2 U	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.09 U	< 0.084 U	< 0.084 U	< 1.2 U	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	0.03	0.047	0.043	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	100000	23000 J	23000 J	260000 J	200000	170000
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	3050 J	--	--	65100	20600 J	34100 J

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-02	SB-PR-02	SB-PR-02
					Coordinates (Northing, Easting)	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203251.768, 995535.803	203251.768, 995535.803	203251.768, 995535.803
					Sample Name	224402-SB-PR-01-24-26	224402-SB-PR-01-AR-26.5-27	224402-SB-PR-01-68-70	224402-SB-PR-02-00-0.5	224402-SB-PR-DUP-01	224402-SB-PR-02-07-09
					Depth Range (ft bgs)	24 - 26	26.5 - 27	68 - 70	0 - 0.5	0 - 0.5	7 - 9
					Parent Sample ID					224402-SB-PR-02-00-0.5	
					Sample Date	9/15/2025	9/15/2025	9/15/2025	9/9/2025	9/9/2025	9/10/2025
					Forensics Screening (Y/N)	N	N	Y	Y	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	N	Y	N	Y
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	Y
					Archived Sample (Y/N)	N	Y	N	N	N	N
					Number of Archived Samples Per Boring		3			0	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	--	< 0.00069 U	< 0.0007 U	< 0.0012 U	< 0.45 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0069 U	< 0.007 U	< 0.012 U	< 0.89 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.52 U	--	< 0.0028 U	< 0.0028 U	< 0.0047 U	< 0.89 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 2.6 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 4.5 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 1 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 1.8 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	3.6	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	0.15 J
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 2.6 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 4.5 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	--	< 0.00069 U	< 0.0007 U	< 0.0012 U	< 0.45 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	3	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 5.2 U	--	< 0.014 U	< 0.014 U	< 0.023 U	< 8.9 U
Acetone	0.03	100	500	0.03	mg/kg	**2.3 J**	--	< 0.069 UJ	< 0.07 UJ	< 0.12 UJ	**2.0 J**
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.52 U	--	< 0.0014 U	0.00084 J	0.005	**0.36 J**
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 UJ
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 2.6 U	--	< 0.0069 UJ	< 0.007 UJ	< 0.012 UJ	< 1.8 U
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 2.6 U	--	< 0.014 U	< 0.014 U	< 0.023 U	< 4.5 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 1 U	--	< 0.014 U	< 0.014 U	< 0.023 U	< 1.8 U
Chloroform	0.37	24	180	0.37	mg/kg	< 1 U	--	< 0.0028 U	< 0.0028 U	< 0.0047 U	< 1.8 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 1 UJ	--	< 0.0069 U	< 0.007 U	< 0.012 U	< 1.8 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	--	< 0.00069 U	< 0.0007 U	< 0.0012 U	< 0.45 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	3.8	--	< 0.0069 U	< 0.007 U	< 0.012 U	< 1.8 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	2.3	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	--	< 0.00069 U	< 0.0007 U	< 0.0012 U	< 0.45 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 1 U	--	< 0.014 U	< 0.014 U	< 0.023 U	< 1.8 U
Ethylbenzene	1	76	390	1	mg/kg	0.067 J	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	0.24 J
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	0.21 J	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	0.44 J
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	< 0.0028 U	< 0.0047 U	< 1.8 U
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	0.86 J	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 8.9 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	**2.2 J**	--	< 0.028 U	< 0.028 U	< 0.047 U	< 18 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 5.2 U	--	< 0.014 U	< 0.014 U	< 0.023 U	< 8.9 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	31	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	17
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 2.6 U	--	< 0.014 U	< 0.014 U	< 0.023 U	< 4.5 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	1.0 J	--	< 0.0028 U	--	--	--
Naphthalene	12	100	500	12	mg/kg	4.1	--	< 0.0028 U	< 0.0028 U	< 0.0047 U	3.7
N-Butylbenzene	18	100	500	18	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	1.1
N-Propylbenzene	5	100	500	5	mg/kg	0.18 J	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	0.36 J
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	0.43 J	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Sec-Butylbenzene	25	100	500	25	mg/kg	0.24 J	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	2.3

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-02	SB-PR-02	SB-PR-02
					Coordinates (Northing, Easting)	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203251.768, 995535.803	203251.768, 995535.803	203251.768, 995535.803
					Sample Name	224402-SB-PR-01-24-26	224402-SB-PR-01-AR-26.5-27	224402-SB-PR-01-68-70	224402-SB-PR-02-00-0.5	224402-SB-PR-DUP-01	224402-SB-PR-02-07-09
					Depth Range (ft bgs)	24 - 26	26.5 - 27	68 - 70	0 - 0.5	0 - 0.5	7 - 9
					Parent Sample ID					224402-SB-PR-02-00-0.5	
					Sample Date	9/15/2025	9/15/2025	9/15/2025	9/9/2025	9/9/2025	9/10/2025
					Forensics Screening (Y/N)	N	N	Y	Y	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	N	Y	N	Y
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	Y
					Archived Sample (Y/N)	N	Y	N	N	N	N
					Number of Archived Samples Per Boring		3			0	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	0.47 J
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.52 U	--	< 0.0028 U	< 0.0028 U	< 0.0047 U	< 0.89 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.52 UJ	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Toluene	0.7	100	500	0.7	mg/kg	0.057 J	--	< 0.0014 U	0.00039 J	0.0010 J	0.21 J
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	--	< 0.00069 U	< 0.0007 U	< 0.0012 U	< 0.45 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.52 U	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 1 U	--	< 0.0069 U	< 0.007 U	< 0.012 U	< 1.8 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 1 U	--	< 0.0069 UJ	< 0.007 UJ	< 0.012 UJ	< 1.8 U
Xylenes	0.26	100	500	1.2	mg/kg	**1.4**	--	< 0.0014 U	< 0.0014 U	< 0.0023 U	< 0.89 U
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	2.7	--	< 0.037 U	0.051	0.061	0.49
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	--	< 0.75 U	< 0.72 U	< 0.71 U	< 1 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	--	< 0.74 U	< 0.71 U	< 0.7 U	< 0.98 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 UJ	--	< 0.38 UJ	< 0.36 U	< 0.36 U	< 0.51 UJ
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	3.7	--	< 0.037 U	0.09	0.11	0.87
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 UJ	< 0.36 UJ	< 0.51 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	2	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.61 U	--	< 0.19 U	< 0.18 U	< 0.18 U	< 0.25 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	--	< 0.74 U	< 0.71 U	< 0.7 U	< 0.98 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	--	< 0.74 U	< 0.71 UJ	< 0.7 UJ	< 0.98 UJ
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	--	< 0.74 U	< 0.71 UJ	< 0.7 UJ	< 0.98 U
Acenaphthene	20	100	500	98	mg/kg	2.1	--	< 0.037 U	0.015 J	0.017 J	0.28
Acenaphthylene	100	100	500	365	mg/kg	0.79	--	< 0.037 U	0.038	0.042	< 0.049 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Anthracene	100	100	500	1000	mg/kg	5.7	--	< 0.037 U	0.055	0.045	0.36
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 2.4 UJ	--	< 0.75 UJ	< 0.72 U	< 0.71 U	< 1 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 1.2 UJ	--	< 0.38 UJ	< 0.36 UJ	< 0.36 UJ	< 0.51 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**9.2**	--	< 0.037 U	0.34	0.33	**2**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**7.4**	--	< 0.037 U	0.44	0.47	**2.3**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**7.3**	--	< 0.037 U	0.52	0.58	**2**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**4.9**	--	< 0.037 U	0.38	0.36	**1.3**

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-02	SB-PR-02	SB-PR-02
					Coordinates (Northing, Easting)	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203251.768, 995535.803	203251.768, 995535.803	203251.768, 995535.803
					Sample Name	224402-SB-PR-01-24-26	224402-SB-PR-01-AR-26.5-27	224402-SB-PR-01-68-70	224402-SB-PR-02-00-0.5	224402-SB-PR-DUP-01	224402-SB-PR-02-07-09
					Depth Range (ft bgs)	24 - 26	26.5 - 27	68 - 70	0 - 0.5	0 - 0.5	7 - 9
					Parent Sample ID					224402-SB-PR-02-00-0.5	
					Sample Date	9/15/2025	9/15/2025	9/15/2025	9/9/2025	9/9/2025	9/10/2025
					Forensics Screening (Y/N)	N	N	Y	Y	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	N	Y	N	Y
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	Y
					Archived Sample (Y/N)	N	Y	N	N	N	N
					Number of Archived Samples Per Boring		3			0	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	**2.3**	--	< 0.037 U	0.21	0.22	0.71
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.24 U	--	< 0.075 U	< 0.072 U	< 0.071 U	< 0.1 U
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 UJ	< 0.36 UJ	< 0.51 UJ
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	0.056 J	< 0.51 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	1.2	--	< 0.19 U	< 0.18 U	< 0.18 U	< 0.25 U
Chrysene	1	4.9	47	1	mg/kg	**9.7**	--	< 0.037 U	0.34	0.35	**1.9**
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	**1.6**	--	< 0.037 U	0.08	0.1	**0.44**
Dibenzofuran	2.1	18	180	110	mg/kg	**2.3**	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Fluoranthene	85	100	500	1000	mg/kg	12	--	< 0.037 U	0.52	0.42	1.8
Fluorene	30	100	500	386	mg/kg	4.1	--	< 0.037 U	< 0.035 U	0.023 J	0.44
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 UJ	< 0.36 UJ	< 0.51 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**3.8**	--	< 0.037 U	0.37	0.32	**0.96**
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Naphthalene	12	100	500	12	mg/kg	5.1	--	0.011 J	0.086	0.092	1.3
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 UJ
Phenanthrene	1.1	4.9	47	1000	mg/kg	**16**	--	< 0.037 U	0.2	0.16	1
Phenol	0.33	100	500	0.33	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 U	< 0.36 U	< 0.51 U
Pyrene	64	100	500	1000	mg/kg	15	--	< 0.037 U	0.68	0.58	2.2
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	--	< 0.38 U	< 0.36 UJ	< 0.36 UJ	< 0.51 UJ
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	--	< 0.04 U	0.13 J	0.12	1.1
Acenaphthene	20	100	500	98	mg/kg	--	--	< 0.04 U	< 0.14 UJ	< 0.071 UJ	0.17
Acenaphthylene	100	100	500	365	mg/kg	--	--	< 0.04 U	0.061 J	0.048 J	0.12
Anthracene	100	100	500	1000	mg/kg	--	--	< 0.04 U	0.092 J	0.062 J	0.35
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	--	< 0.04 U	0.44	0.32	**1.1**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	--	< 0.04 U	0.62	0.54	**1.1**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	--	< 0.04 U	0.74	0.61	0.97
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	--	< 0.04 U	0.59	0.58	0.54
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	--	< 0.04 U	0.33	0.23	0.35
Chrysene	1	4.9	47	1	mg/kg	--	--	< 0.04 U	0.43	0.42	**1.1**
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	--	< 0.04 U	0.14	0.070 J	0.26
Fluoranthene	85	100	500	1000	mg/kg	--	--	< 0.04 U	0.72	0.53	1.4
Fluorene	30	100	500	386	mg/kg	--	--	< 0.04 U	< 0.14 U	< 0.071 U	0.35
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	--	< 0.04 U	**0.51**	0.42	0.46
Naphthalene	12	100	500	12	mg/kg	--	--	< 0.04 U	0.13 J	0.099	1.3
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	--	< 0.04 U	0.28	0.18	1.1
Pyrene	64	100	500	1000	mg/kg	--	--	< 0.04 U	0.64	0.49	1.3

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-02	SB-PR-02	SB-PR-02
					Coordinates (Northing, Easting)	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203251.768, 995535.803	203251.768, 995535.803	203251.768, 995535.803
					Sample Name	224402-SB-PR-01-24-26	224402-SB-PR-01-AR-26.5-27	224402-SB-PR-01-68-70	224402-SB-PR-02-00-0.5	224402-SB-PR-DUP-01	224402-SB-PR-02-07-09
					Depth Range (ft bgs)	24 - 26	26.5 - 27	68 - 70	0 - 0.5	0 - 0.5	7 - 9
					Parent Sample ID					224402-SB-PR-02-00-0.5	
					Sample Date	9/15/2025	9/15/2025	9/15/2025	9/9/2025	9/9/2025	9/10/2025
					Forensics Screening (Y/N)	N	N	Y	Y	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	N	Y	N	Y
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	Y
					Archived Sample (Y/N)	N	Y	N	N	N	N
					Number of Archived Samples Per Boring		3		0		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	3.86	2.09 J	--	0.0196 J	--	0.63
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	3.88	3.58 J	--	0.0980 J	--	0.499
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	7.85	5.35 J	--	0.123 J	--	0.711
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	5.07	4.86 J	--	0.203 J	--	0.973
Acenaphthene	20	100	500	98	mg/kg	3.88	4.01 J	--	0.0190 J	--	0.316
Acenaphthylene	100	100	500	365	mg/kg	2.07	0.801 J	--	0.0701 J	--	0.192 J
Anthracene	100	100	500	1000	mg/kg	9.94	7.53 J	--	0.0935 J	--	0.611
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**29.5**	**12.2 J**	--	0.374 J	--	**3.48**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**21.5**	**10.3 J**	--	0.634 J	--	**3.31**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**19.7**	**7.68 J**	--	0.508 J	--	**2.31**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**13.5**	**7.67 J**	--	**0.74 J**	--	**2.46**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	17	8.03 J	--	0.439 J	--	1.92
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	17.9	8.23 J	--	0.466 J	--	3.13
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.504	0.426 J	--	0.0249 J	--	0.0493
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	30.7	14.5 J	--	0.316 J	--	6.66
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	3.93	2.24 J	--	0.0749 J	--	0.426
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	38.3	17.5 J	--	0.322 J	--	4.13
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	6.94	3.89 J	--	0.0292 J	--	0.778
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	5.66	5.87 J	--	0.21 J	--	1
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	43.4	25.2 J	--	0.258 J	--	2.16
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	22.8	10.4 J	--	0.3 J	--	6.45
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	5.4	3.06 J	--	0.117 J	--	0.525
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	21.1	9.75 J	--	0.33 J	--	3.43
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	17.4	8.25 J	--	0.0962 J	--	1.11
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	15	11.9 J	--	0.229 J	--	2.73
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	41	22.2 J	--	0.259 J	--	2.75
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	15.6	7.52 J	--	0.469 J	--	5.23
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	4.73	2.67 J	--	0.157 J	--	0.497
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	14.1	6.24 J	--	0.294 J	--	3.46
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	17.8	9.52 J	--	0.17 J	--	1.24
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	20.8	15.2 J	--	0.178 J	--	4.67
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	23.2	13.5 J	--	0.19 J	--	2.31
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	7.87	3.82 J	--	0.381 J	--	3.3
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	2.67	1.46 J	--	0.202 J	--	0.276
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	9.33	4.1 J	--	0.29 J	--	3
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	18.9	12.2 J	--	0.133 J	--	2.8
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	16.4	9.79 J	--	0.127 J	--	2.47
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	27.7	13.2 J	--	0.43 J	--	3.13
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	5.07	2.46 J	--	0.135 J	--	0.989
Dibenzofuran	2.1	18	180	110	mg/kg	**3.31**	**3.19 J**	--	0.0356 J	--	0.188
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	2.42	1.84 J	--	0.0256 J	--	0.108
Fluoranthene	85	100	500	1000	mg/kg	40	19.8 J	--	0.414 J	--	2.54
Fluorene	30	100	500	386	mg/kg	7.2	5.42 J	--	0.0201 J	--	0.615
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**12.2**	**6.06 J**	--	0.496 J	--	**1.8**
Naphthalene	12	100	500	12	mg/kg	5.92	7.65 J	--	0.16 J	--	1.07
Perylene	NSL	NSL	NSL	NSL	mg/kg	4.74	2.32 J	--	0.188 J	--	0.603
Phenanthrene	1.1	4.9	47	1000	mg/kg	**36.7**	**24.2 J**	--	0.245 J	--	**1.66**
Pyrene	64	100	500	1000	mg/kg	39.2	19.6 J	--	0.499 J	--	3.09
Retene	NSL	NSL	NSL	NSL	mg/kg	25.7	13.1 J	--	0.0168 J	--	4.5

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-02	SB-PR-02	SB-PR-02
					Coordinates (Northing, Easting)	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203251.768, 995535.803	203251.768, 995535.803	203251.768, 995535.803
					Sample Name	224402-SB-PR-01-24-26	224402-SB-PR-01-AR-26.5-27	224402-SB-PR-01-68-70	224402-SB-PR-02-00-0.5	224402-SB-PR-DUP-01	224402-SB-PR-02-07-09
					Depth Range (ft bgs)	24 - 26	26.5 - 27	68 - 70	0 - 0.5	0 - 0.5	7 - 9
					Parent Sample ID					224402-SB-PR-02-00-0.5	
					Sample Date	9/15/2025	9/15/2025	9/15/2025	9/9/2025	9/9/2025	9/10/2025
					Forensics Screening (Y/N)	N	N	Y	Y	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	N	Y	N	Y
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	Y
					Archived Sample (Y/N)	N	Y	N	N	N	N
					Number of Archived Samples Per Boring		3		0		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	10800	--	5020	2170	2450	11300
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 7.05 UJ	--	< 4.31 UJ	< 4.16 UJ	< 4.15 UJ	< 5.7 UJ
Arsenic	13	16	16	16	mg/kg	**46.4**	--	1.36	**15.5**	**17.3**	9.04
Barium	410	410	410	820	mg/kg	145 J	--	42.2 J	24.6	26.6	25.8
Beryllium	4.4	43	670	47	mg/kg	0.499 J	--	0.279 J	0.179 J	0.308 J	0.685
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.692 J	--	< 0.862 U	0.401 J	0.707 J	0.101 J
Calcium	NSL	NSL	NSL	NSL	mg/kg	4710	--	2760	67600	54300	1840
Chromium, Hexavalent	1	1	11	19	mg/kg	< 14 U	--	< 4.4 U	< 0.84 U	< 0.84 U	< 12 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	62.2 J	--	13.6 J	7.8	9.69	21.6
Cobalt	NSL	NSL	NSL	NSL	mg/kg	9.59	--	6.32	2.99	3.35	8.85
Copper	50	280	280	1720	mg/kg	**167**	--	8.92	**53.8**	**63**	17.8
Cyanide	2.3	13	28	40	mg/kg	< 0.76 UJ	--	< 0.56 UJ	< 0.53 U	< 0.52 U	< 0.66 U
Iron	NSL	NSL	NSL	NSL	mg/kg	26900	--	11800	9410	10900	25000
Lead	63	400	1000	450	mg/kg	**750**	--	4.51	**156**	**184**	42.7
Magnesium	NSL	NSL	NSL	NSL	mg/kg	4080 J	--	2640 J	39000	33000	5120
Manganese	1600	2000	10000	2000	mg/kg	247	--	188	124	139	306
Mercury	0.18	0.3	1.1	0.73	mg/kg	**17.9 J**	--	< 0.083 UJ	**0.219**	**0.21**	< 0.103 U
Nickel	30	320	320	130	mg/kg	20.2	--	10.3	10.5	11.8	21
Potassium	NSL	NSL	NSL	NSL	mg/kg	1990 J	--	1380 J	253	243	1850
Selenium	3.9	110	1700	4	mg/kg	1.23 J	--	< 1.72 U	< 1.66 U	< 1.66 U	0.582 J
Silver	2	110	1700	8.3	mg/kg	**3.42**	--	< 0.431 U	< 0.416 U	< 0.415 U	< 0.57 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	2290 J	--	286 J	< 166 U	< 166 U	473 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2.82 U	--	< 1.72 U	< 1.66 U	< 1.66 U	< 2.28 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	28.9	--	17.2	27.2	31.2	26.4
Zinc	109	6600	10000	2480	mg/kg	**500**	--	25.5	**162**	**189**	**122**
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 4.99 U	< 4.98 U	< 4.98 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 4.99 U	< 4.98 U	< 4.98 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.998 U	< 0.996 U	< 0.995 UJ
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 2 U	< 1.99 U	< 1.99 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 2 U	< 1.99 U	< 1.99 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.399 U	< 0.398 U	< 0.398 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.399 U	< 0.398 U	< 0.398 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.399 U	< 0.398 U	< 0.398 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.399 U	< 0.398 U	< 0.398 U
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.799 U	< 0.797 U	< 0.796 U
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-01	SB-PR-01	SB-PR-01	SB-PR-02	SB-PR-02	SB-PR-02
					Coordinates (Northing, Easting)	203146.965, 995897.754	203146.965, 995897.754	203146.965, 995897.754	203251.768, 995535.803	203251.768, 995535.803	203251.768, 995535.803
					Sample Name	224402-SB-PR-01-24-26	224402-SB-PR-01-AR-26.5-27	224402-SB-PR-01-68-70	224402-SB-PR-02-00-0.5	224402-SB-PR-DUP-01	224402-SB-PR-02-07-09
					Depth Range (ft bgs)	24 - 26	26.5 - 27	68 - 70	0 - 0.5	0 - 0.5	7 - 9
					Parent Sample ID					224402-SB-PR-02-00-0.5	
					Sample Date	9/15/2025	9/15/2025	9/15/2025	9/9/2025	9/9/2025	9/10/2025
					Forensics Screening (Y/N)	N	N	Y	Y	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	N	Y	N	Y
					Forensic Evaluation (Y/N)	Y	N	N	Y	N	Y
					Archived Sample (Y/N)	N	Y	N	N	N	N
					Number of Archived Samples Per Boring		3			0	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	0.112 J	0.158 J	< 0.199 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	--	--	0.124 J	0.134 J	< 0.199 U
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	--	--	< 0.2 U	0.0918 J	< 0.199 U
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.399 U	< 0.398 U	< 0.398 U
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	< 0.199 U	< 0.199 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	0.0879 J	< 0.199 U
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	--	--	< 0.2 U	0.118 J	< 0.199 U
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	--	--	< 0.053 U	< 0.052 U	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	0.087	0.079 J	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 1.4 U	--	--	< 0.085 U	< 0.084 U	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	--	0.087	0.079	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	150000 J	120000	4700 J	98000	77000	31000
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	25400	12200 J	--	1360 J	--	4250

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-02	SB-PR-02	SB-PR-03	SB-PR-03	SB-PR-03	SB-PR-03
					Coordinates (Northing, Easting)	203251.768, 995535.803	203251.768, 995535.803	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636
					Sample Name	224402-SB-PR-02-23-25	224402-SB-PR-02-68-70	224402-SB-PR-03-00-0.5	224402-SB-PR-03-AR-14-15	224402-SB-PR-03-18-20	224402-SB-PR-03-20-22
					Depth Range (ft bgs)	23 - 25	68 - 70	0 - 0.5	14 - 15	18 - 20	20 - 22
					Parent Sample ID						
					Sample Date	9/10/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	0		1			
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00095 U	< 0.00093 U	< 0.095 U	--	< 0.29 U	< 0.49 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0095 U	< 0.0093 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0038 U	< 0.0037 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.95 U	--	< 2.9 U	< 4.9 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.38 U	--	< 1.2 U	< 2 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	0.0027	< 0.0019 U	0.55	--	**25**	4.7
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.95 U	--	< 2.9 U	< 4.9 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00095 U	< 0.00093 U	< 0.095 U	--	< 0.29 U	< 0.49 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	0.0013 J	< 0.0019 U	0.17 J	--	**3.6**	0.82 J
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.019 U	< 1.9 U	--	< 5.8 U	< 9.8 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.095 UJ	< 0.093 UJ	**0.46 J**	--	**1.3 J**	**2.4 J**
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0019 U	< 0.0019 U	**1.2**	--	**2.4**	**0.54 J**
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0095 UJ	< 0.0093 UJ	< 0.38 UJ	--	< 1.2 UJ	< 2 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.019 U	< 0.95 U	--	< 2.9 U	< 4.9 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.019 U	< 0.38 U	--	< 1.2 U	< 2 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0038 U	< 0.0037 U	< 0.38 U	--	< 1.2 U	< 2 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0095 U	< 0.0093 U	< 0.38 UJ	--	< 1.2 UJ	< 2 UJ
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00095 U	< 0.00093 U	< 0.095 U	--	< 0.29 U	< 0.49 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0095 U	< 0.0093 U	< 0.38 U	--	< 1.2 U	1.4 J
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	0.078 J	--	1.7	0.61 J
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00095 U	< 0.00093 U	< 0.095 U	--	< 0.29 U	< 0.49 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.019 U	< 0.38 U	--	< 1.2 U	< 2 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0019 U	< 0.0019 U	0.28	--	**4.3**	0.48 J
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	0.59	--	1.6	0.24 J
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	< 0.0038 U	< 0.0037 U	1.1	--	4.9	1.0 J
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	0.14 J	--	< 5.8 U	< 9.8 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.038 U	< 0.037 U	< 3.8 U	--	< 12 U	< 20 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.019 U	< 1.9 U	--	< 5.8 U	< 9.8 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	0.013	< 0.0019 U	2.7	--	38	1.9
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.019 U	< 0.019 U	< 0.95 U	--	< 2.9 U	< 4.9 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.049	< 0.0037 U	2.3	--	**21**	**33**
N-Butylbenzene	18	100	500	18	mg/kg	0.0010 J	< 0.0019 U	0.22	--	2.1	< 0.98 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0019 U	< 0.0019 U	0.59	--	2.3	0.23 J
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	0.00059 J	< 0.0019 U	0.27	--	1.8	0.35 J
Sec-Butylbenzene	25	100	500	25	mg/kg	0.00093 J	< 0.0019 U	0.19	--	1.2	< 0.98 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-02	SB-PR-02	SB-PR-03	SB-PR-03	SB-PR-03	SB-PR-03
					Coordinates (Northing, Easting)	203251.768, 995535.803	203251.768, 995535.803	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636
					Sample Name	224402-SB-PR-02-23-25	224402-SB-PR-02-68-70	224402-SB-PR-03-00-0.5	224402-SB-PR-03-AR-14-15	224402-SB-PR-03-18-20	224402-SB-PR-03-20-22
					Depth Range (ft bgs)	23 - 25	68 - 70	0 - 0.5	14 - 15	18 - 20	20 - 22
					Parent Sample ID						
					Sample Date	9/10/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	0		1			
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0019 U	< 0.0019 U	0.042 J	--	0.18 J	< 0.98 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	0.0012 J	< 0.0037 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0019 U	< 0.0019 U	**1**	--	**1.1**	0.36 J
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00095 U	< 0.00093 U	< 0.095 U	--	< 0.29 U	< 0.49 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0019 U	< 0.0019 U	< 0.19 U	--	< 0.58 U	< 0.98 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0095 U	< 0.0093 U	< 0.38 U	--	< 1.2 U	< 2 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0095 UJ	< 0.0093 UJ	< 0.38 U	--	< 1.2 U	< 2 U
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0019 U	< 0.0019 U	**1.3**	--	**6.7**	**1**
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.81	< 0.039 U	5.1	--	2.3	3.3
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.9 U	< 0.8 U	< 0.81 U	--	0.18 J	< 0.94 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	0.12 J
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.89 U	< 0.78 U	< 0.8 U	--	< 1.7 U	< 0.92 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.46 UJ	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.5	< 0.039 U	2.5	--	1.9	2.2
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	0.10 J
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.46 UJ	< 0.4 UJ	< 0.41 UJ	--	< 0.88 UJ	< 0.48 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	0.51
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.23 U	< 0.2 U	< 0.2 U	--	< 0.44 U	< 0.24 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.89 U	< 0.78 UJ	< 0.8 UJ	--	< 1.7 UJ	< 0.92 UJ
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.89 UJ	< 0.78 U	< 0.8 U	--	< 1.7 U	< 0.92 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.89 U	< 0.78 UJ	< 0.8 UJ	--	< 1.7 UJ	< 0.92 UJ
Acenaphthene	20	100	500	98	mg/kg	0.8	< 0.039 U	3	--	1.6	1.5
Acenaphthylene	100	100	500	365	mg/kg	0.076	< 0.039 U	< 0.04 U	--	< 0.085 U	0.17
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Anthracene	100	100	500	1000	mg/kg	0.83	< 0.039 U	0.37	--	0.086	1.4
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.9 U	< 0.8 U	< 0.81 U	--	< 1.7 U	< 0.94 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 UJ	< 0.41 UJ	--	< 0.88 UJ	< 0.48 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**1.3**	< 0.039 U	**1.2**	--	0.075 J	**1.8**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**1.4**	< 0.039 U	**1.3**	--	0.054 J	**1.4**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.4**	< 0.039 U	**1.5**	--	0.064 J	**1.4**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.59	< 0.039 U	**1**	--	0.040 J	0.61

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-02	SB-PR-02	SB-PR-03	SB-PR-03	SB-PR-03	SB-PR-03
					Coordinates (Northing, Easting)	203251.768, 995535.803	203251.768, 995535.803	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636
					Sample Name	224402-SB-PR-02-23-25	224402-SB-PR-02-68-70	224402-SB-PR-03-00-0.5	224402-SB-PR-03-AR-14-15	224402-SB-PR-03-18-20	224402-SB-PR-03-20-22
					Depth Range (ft bgs)	23 - 25	68 - 70	0 - 0.5	14 - 15	18 - 20	20 - 22
					Parent Sample ID						
					Sample Date	9/10/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	0		1			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.58	< 0.039 U	0.51	--	0.027 J	0.54
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.32	< 0.08 U	0.050 J	--	0.56	0.62
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.46 UJ	< 0.4 UJ	< 0.41 UJ	--	< 0.88 UJ	< 0.48 UJ
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.24	< 0.2 U	0.5	--	0.69	1.1
Chrysene	1	4.9	47	1	mg/kg	**1.1**	< 0.039 U	**1.2**	--	0.079 J	**1.6**
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.24	< 0.039 U	0.25	--	< 0.085 U	0.22
Dibenzofuran	2.1	18	180	110	mg/kg	0.7	< 0.4 U	1.9	--	1.3	1.4
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Fluoranthene	85	100	500	1000	mg/kg	2.1	< 0.039 U	2.3	--	0.23	3.5
Fluorene	30	100	500	386	mg/kg	0.99	< 0.039 U	1.4	--	1	1.7
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 UJ	< 0.41 UJ	--	< 0.88 UJ	< 0.48 UJ
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.67**	< 0.039 U	**0.94**	--	0.037 J	**0.63**
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Naphthalene	12	100	500	12	mg/kg	3.4	< 0.039 U	2.4	--	3.4	6.7
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.46 UJ	< 0.4 U	< 0.41 U	--	< 0.88 U	0.083 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	**2.4**	< 0.039 U	**1.5**	--	0.69	**4.4**
Phenol	0.33	100	500	0.33	mg/kg	< 0.46 U	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
Pyrene	64	100	500	1000	mg/kg	1.8	< 0.039 U	2.9	--	0.23	3.7
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.46 UJ	< 0.4 U	< 0.41 U	--	< 0.88 U	< 0.48 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.75	< 0.08 U	--	--	--	--
Acenaphthene	20	100	500	98	mg/kg	0.53	< 0.08 U	--	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.031 J	< 0.08 U	--	--	--	--
Anthracene	100	100	500	1000	mg/kg	0.35	< 0.08 U	--	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.33	< 0.08 U	--	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.43	< 0.08 U	--	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.39	< 0.08 U	--	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.27	< 0.08 U	--	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.17	< 0.08 U	--	--	--	--
Chrysene	1	4.9	47	1	mg/kg	0.27	< 0.08 U	--	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.09	< 0.08 U	--	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.62	< 0.08 U	--	--	--	--
Fluorene	30	100	500	386	mg/kg	0.58	< 0.08 U	--	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.24	< 0.08 U	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.65	< 0.08 U	--	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	**1.3**	< 0.08 U	--	--	--	--
Pyrene	64	100	500	1000	mg/kg	0.47	< 0.08 U	--	--	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-02	SB-PR-02	SB-PR-03	SB-PR-03	SB-PR-03	SB-PR-03
					Coordinates (Northing, Easting)	203251.768, 995535.803	203251.768, 995535.803	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636
					Sample Name	224402-SB-PR-02-23-25	224402-SB-PR-02-68-70	224402-SB-PR-03-00-0.5	224402-SB-PR-03-AR-14-15	224402-SB-PR-03-18-20	224402-SB-PR-03-20-22
					Depth Range (ft bgs)	23 - 25	68 - 70	0 - 0.5	14 - 15	18 - 20	20 - 22
					Parent Sample ID						
					Sample Date	9/10/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	0		1			
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.195	--	0.162	0.508 J	0.35	0.336
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.31	--	4.87	8.45 J	5.31	3.4
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.995	--	0.79	2.5 J	1.73	0.905
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.94	--	2.31	15.2 J	5.27	2.97
Acenaphthene	20	100	500	98	mg/kg	1.77	--	4.03	1.44 J	3.12	1.62
Acenaphthylene	100	100	500	365	mg/kg	0.0830 J	--	0.111	0.0432 J	0.0322	0.163
Anthracene	100	100	500	1000	mg/kg	1.39	--	0.607	0.333 J	0.246	3.18
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.654	--	**1.69**	0.736 J	0.184	**3.46**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.492	--	**1.99**	0.572 J	0.103	**2.29**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.352	--	**1.75**	0.345 J	0.1	**1.66**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.234	--	**1.45**	0.353 J	0.059	**0.855**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.376	--	1.38	0.29 J	0.0873	1.82
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.288	--	1.4	0.557 J	0.0798	1.23
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.395	--	0.0575	0.351 J	1	0.63
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.468	--	1.23	1.82 J	0.189	2.02
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.243	--	0.335	0.346 J	0.211	0.544
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.15	--	2.23	1.18 J	0.437	4.66
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.68	--	0.388	0.494 J	0.329	1.22
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	2.02	--	4.44	15.7 J	6.8	4.33
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.94	--	1.42	2.35 J	0.929	5.35
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.277	--	1.18	1.73 J	0.217	1.16
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.109	--	0.444	0.575 J	0.286	0.44
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.437	--	1.84	1.15 J	0.289	1.8
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.278	--	0.763	1.5 J	0.585	0.877
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.98	--	1.68	5.09 J	3.6	2.38
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.668	--	1.79	2.76 J	1.11	3.69
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.225	--	1.21	1.38 J	0.224	0.866
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0471	--	0.46	0.814 J	0.3	0.272
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.221	--	1.62	1.18 J	0.218	0.809
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.171	--	1.04	1.71 J	0.975	0.993
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.911	--	1.23	3.64 J	2.2	1.73
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.225	--	1.4	2.6 J	0.73	2.69
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0968	--	0.678	0.787 J	0.177	0.332
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0192	--	0.326	0.858 J	0.261	0.242
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.125	--	1.19	1.07 J	0.185	0.443
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.307	--	1.16	3.21 J	2.85	1.94
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.161	--	0.912	1.82 J	0.804	4.68
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.521	--	1.67	0.772 J	0.188	2.69
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.0972	--	0.395	0.132 J	0.0187	0.36
Dibenzofuran	2.1	18	180	110	mg/kg	1.46	--	**2.82**	1.22 J	**2.8**	1.74
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.453	--	0.264	0.158 J	0.209	0.701
Fluoranthene	85	100	500	1000	mg/kg	2.04	--	3.06	0.615 J	0.585	6.25
Fluorene	30	100	500	386	mg/kg	2.08	--	2.25	0.922 J	2.33	2.53
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.246	--	**1.38**	0.242 J	0.0576	**0.967**
Naphthalene	12	100	500	12	mg/kg	1.2	--	2.1	**34.6 J**	6.83	10.2
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.253	--	0.544	0.0753 J	0.0247	0.759
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	--	**2.04**	**1.72 J**	**1.89**	**8.62**
Pyrene	64	100	500	1000	mg/kg	1.63	--	3.09	0.9 J	0.527	5.3
Retene	NSL	NSL	NSL	NSL	mg/kg	0.337	--	0.469	0.247 J	1.26 J	13.9

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-02	SB-PR-02	SB-PR-03	SB-PR-03	SB-PR-03	SB-PR-03
					Coordinates (Northing, Easting)	203251.768, 995535.803	203251.768, 995535.803	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636
					Sample Name	224402-SB-PR-02-23-25	224402-SB-PR-02-68-70	224402-SB-PR-03-00-0.5	224402-SB-PR-03-AR-14-15	224402-SB-PR-03-18-20	224402-SB-PR-03-20-22
					Depth Range (ft bgs)	23 - 25	68 - 70	0 - 0.5	14 - 15	18 - 20	20 - 22
					Parent Sample ID						
					Sample Date	9/10/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	N	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	0		1			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	8980	1910 J	4480	--	293	1110
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 5.27 UJ	< 4.63 UJ	< 4.72 UJ	--	< 5.07 UJ	< 5.54 UJ
Arsenic	13	16	16	16	mg/kg	8.18	0.773 J	**30.2 J**	--	**23.2 J**	**138 J**
Barium	410	410	410	820	mg/kg	25	18.0 J	58.8 J	--	94.0 J	106 J
Beryllium	4.4	43	670	47	mg/kg	0.496 J	0.438 J	0.266 J	--	0.061 J	0.117 J
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.063 J	< 0.926 U	0.577 J	--	0.184 J	0.216 J
Calcium	NSL	NSL	NSL	NSL	mg/kg	1690	4550 J	15100 J	--	973 J	7880 J
Chromium, Hexavalent	1	1	11	19	mg/kg	< 10 U	< 0.38 UJ	< 0.96 UJ	--	< 5 UJ	< 5.6 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	20.9	7.15	9.06	--	2.23	9.19
Cobalt	NSL	NSL	NSL	NSL	mg/kg	6.92	2.82 J	6.14 J	--	2.02 J	7.14 J
Copper	50	280	280	1720	mg/kg	13.7	11.8	**76.9**	--	**50.5**	**101**
Cyanide	2.3	13	28	40	mg/kg	< 0.58 U	< 0.57 UJ	0.63 J	--	< 0.64 UJ	< 0.67 UJ
Iron	NSL	NSL	NSL	NSL	mg/kg	20900	3560 J	37200	--	831	7190
Lead	63	400	1000	450	mg/kg	21.9 J	5.4	**230 J**	--	**126 J**	**185 J**
Magnesium	NSL	NSL	NSL	NSL	mg/kg	4530	2320 J	1090	--	36	141
Manganese	1600	2000	10000	2000	mg/kg	304 J	74.3 J	344	--	11.7	49.4
Mercury	0.18	0.3	1.1	0.73	mg/kg	0.097	< 0.086 U	**0.28**	--	**0.437**	**0.701**
Nickel	30	320	320	130	mg/kg	16.5	7.28	14.5 J	--	3.75 J	15.9 J
Potassium	NSL	NSL	NSL	NSL	mg/kg	2000	641	565 J	--	161 J	505 J
Selenium	3.9	110	1700	4	mg/kg	< 2.11 U	< 1.85 U	< 1.89 UJ	--	0.476 J	0.483 J
Silver	2	110	1700	8.3	mg/kg	0.350 J	< 0.463 U	< 0.472 U	--	< 0.507 U	0.393 J
Sodium	NSL	NSL	NSL	NSL	mg/kg	670 J	556 J	466 J	--	< 203 U	281 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2.11 U	< 1.85 U	< 1.89 UJ	--	1.10 J	5.57 J
Vanadium	NSL	NSL	NSL	NSL	mg/kg	25.9	8.4	20	--	2.11	13.3
Zinc	109	6600	10000	2480	mg/kg	52.5	14.4	**201 J**	--	24.7 J	17.4 J
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 5 U	--	< 4.97 U	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 5 U	--	< 4.97 U	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.999 UJ	--	< 0.993 UJ	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 2 U	--	< 1.99 U	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 2 U	--	< 1.99 U	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.4 U	--	< 0.397 U	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.4 U	--	< 0.397 U	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.4 U	--	< 0.397 U	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.4 U	--	< 0.397 U	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	--	1.75 J	--	< 0.199 U	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.799 U	--	< 0.795 U	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-02	SB-PR-02	SB-PR-03	SB-PR-03	SB-PR-03	SB-PR-03	SB-PR-03
					Coordinates (Northing, Easting)	203251.768, 995535.803	203251.768, 995535.803	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636	203403.968, 995133.636
					Sample Name	224402-SB-PR-02-23-25	224402-SB-PR-02-68-70	224402-SB-PR-03-00-0.5	224402-SB-PR-03-AR-14-15	224402-SB-PR-03-18-20	224402-SB-PR-03-20-22	
					Depth Range (ft bgs)	23 - 25	68 - 70	0 - 0.5	14 - 15	18 - 20	20 - 22	
					Parent Sample ID							
					Sample Date	9/10/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025	9/11/2025	
					Forensics Screening (Y/N)	Y	Y	N	N	N	N	
					Passed Forensic Screening (Y/N)	Y	N	NA	NA	NA	NA	
					Forensic Evaluation (Y/N)	Y	N	Y	Y	Y	Y	
					Archived Sample (Y/N)	N	N	N	Y	N	N	
					Number of Archived Samples Per Boring	0		1				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**							
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	--	< 0.2 U	--	0.0836 J	--	
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.4 U	--	< 0.397 U	--	
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.2 U	--	< 0.199 U	--	
1,4-Dioxane (SW8270DSIM)												
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	--	< 0.06 U	--	0.077	--	
PCBs (EPA Method SW8082A)												
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	--	< 0.095 U	--	< 0.1 U	--	
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	--	--	--	--	
TOC (LLOYDKAHN)												
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	12000	6200 J	120000 J	26000 J	11000 J	27000 J	
TPH (SW8015D)												
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	243	--	2130	5690 J	2060	1520	

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-03	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04
					Coordinates (Northing, Easting)	203403.968, 995133.636	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872
					Sample Name	224402-SB-PR-03-28-30	224402-SB-PR-04-00-0.5	224402-SB-PR-04-08-10	224402-SB-PR-04-AR-29-29.5	224402-SB-PR-04-56-58	224402-SB-PR-04-68-70
					Depth Range (ft bgs)	28 - 30	0 - 0.5	8 - 10	29 - 29.5	56 - 58	68 - 70
					Parent Sample ID						
					Sample Date	9/11/2025	9/9/2025	9/11/2025	9/11/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.064 U	< 0.0012 U	< 0.75 U	--	< 0.00081 U	< 0.00093 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.012 U	< 1.5 U	--	< 0.0081 U	< 0.0093 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.13 U	< 0.0048 U	< 1.5 U	--	< 0.0033 U	< 0.0037 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.64 U	< 0.0024 U	< 7.5 U	--	< 0.0016 U	< 0.0019 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	< 0.0024 U	< 3 U	--	< 0.0016 U	< 0.0019 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	0.55	< 0.0024 U	0.89 J	--	< 0.0016 U	< 0.0019 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.64 U	< 0.0024 U	< 7.5 U	--	< 0.0016 U	< 0.0019 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.064 U	< 0.0012 U	< 0.75 U	--	< 0.00081 U	< 0.00093 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	0.091 J	< 0.0024 U	0.33 J	--	< 0.0016 U	< 0.0019 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 1.3 U	< 0.024 U	< 15 U	--	< 0.016 U	< 0.019 U
Acetone	0.03	100	500	0.03	mg/kg	**0.35 J**	**0.075 UJ**	**4.8 J**	--	< 0.081 UJ	< 0.093 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	**0.13 J**	0.016	**2.1**	--	< 0.0016 U	< 0.0019 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 UJ	< 0.012 UJ	< 3 UJ	--	< 0.0081 UJ	< 0.0093 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.64 U	< 0.024 U	< 7.5 U	--	< 0.016 U	< 0.019 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 UJ	< 0.024 U	< 3 U	--	< 0.016 U	< 0.019 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.26 U	< 0.0048 U	< 3 U	--	< 0.0033 U	< 0.0037 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.26 UJ	< 0.012 U	< 3 UJ	--	< 0.0081 U	< 0.0093 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.064 U	< 0.0012 U	< 0.75 U	--	< 0.00081 U	< 0.00093 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	< 0.012 U	2.6 J	--	< 0.0081 U	< 0.0093 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	0.23	< 0.0024 U	0.59 J	--	< 0.0016 U	< 0.0019 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.064 U	< 0.0012 U	< 0.75 U	--	< 0.00081 U	< 0.00093 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	< 0.024 U	< 3 U	--	< 0.016 U	< 0.019 U
Ethylbenzene	1	76	390	1	mg/kg	0.027 J	< 0.0024 U	0.98 J	--	< 0.0016 U	< 0.0019 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	0.037 J	< 0.0024 U	8	--	< 0.0016 U	< 0.0019 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	0.071 J	0.0015 J	2.3 J	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 1.3 U	< 0.0024 U	0.95 J	--	< 0.0016 U	< 0.0019 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 2.6 U	0.036 J	**5.1 J**	--	< 0.033 U	< 0.037 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 1.3 U	< 0.024 U	< 15 U	--	< 0.016 U	< 0.019 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	0.35 J	< 0.0024 U	150	--	< 0.0016 U	< 0.0019 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.64 U	< 0.024 U	< 7.5 U	--	< 0.016 U	< 0.019 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	< 0.0033 U	< 0.0037 U
Naphthalene	12	100	500	12	mg/kg	6.8 J	< 0.0048 U	4.7	--	< 0.0033 U	< 0.0037 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.13 U	< 0.0024 U	11	--	< 0.0016 U	< 0.0019 U
N-Propylbenzene	5	100	500	5	mg/kg	0.018 J	< 0.0024 U	**7.5**	--	< 0.0016 U	< 0.0019 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	0.36 J	--	< 0.0016 U	< 0.0019 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.13 U	< 0.0024 U	19	--	< 0.0016 U	< 0.0019 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-03	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04
					Coordinates (Northing, Easting)	203403.968, 995133.636	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872
					Sample Name	224402-SB-PR-03-28-30	224402-SB-PR-04-00-0.5	224402-SB-PR-04-08-10	224402-SB-PR-04-AR-29-29.5	224402-SB-PR-04-56-58	224402-SB-PR-04-68-70
					Depth Range (ft bgs)	28 - 30	0 - 0.5	8 - 10	29 - 29.5	56 - 58	68 - 70
					Parent Sample ID						
					Sample Date	9/11/2025	9/9/2025	9/11/2025	9/11/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.13 U	< 0.0024 U	3.6	--	< 0.0016 U	< 0.0019 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.13 U	< 0.0048 U	< 1.5 U	--	< 0.0033 U	< 0.0037 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Toluene	0.7	100	500	0.7	mg/kg	0.062 J	0.0026	**0.92 J**	--	< 0.0016 U	< 0.0019 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.064 U	< 0.0012 U	< 0.75 U	--	< 0.00081 U	< 0.00093 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.13 U	< 0.0024 U	< 1.5 U	--	< 0.0016 U	< 0.0019 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.26 U	< 0.012 U	< 3 U	--	< 0.0081 U	< 0.0093 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.26 U	< 0.012 UJ	< 3 U	--	< 0.0081 UJ	< 0.0093 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.13 U	< 0.0024 U	**2.3**	--	< 0.0016 U	< 0.0019 U
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.87	0.1	15	--	< 0.037 U	< 0.039 U
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.7 U	< 0.74 U	< 1.1 U	--	< 0.75 U	< 0.79 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	0.36 J	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.73 U	< 1.1 U	--	< 0.74 U	< 0.78 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.4	0.15	1.3	--	< 0.037 U	< 0.039 U
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	0.15 J	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	< 0.38 UJ	< 0.55 UJ	--	< 0.38 U	< 0.4 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	0.17 J	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.19 U	< 0.28 U	--	< 0.19 U	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.73 U	< 1.1 UJ	--	< 0.74 U	< 0.78 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 1.6 U	< 0.73 UJ	< 1.1 U	--	< 0.74 U	< 0.78 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 1.6 UJ	< 0.73 UJ	< 1.1 UJ	--	< 0.74 U	< 0.78 U
Acenaphthene	20	100	500	98	mg/kg	0.49	0.16	1.4	--	< 0.037 U	< 0.039 U
Acenaphthylene	100	100	500	365	mg/kg	0.035 J	0.24	< 0.054 U	--	< 0.037 U	< 0.039 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Anthracene	100	100	500	1000	mg/kg	0.22	0.41	0.67	--	< 0.037 U	< 0.039 U
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 1.7 U	< 0.74 U	< 1.1 U	--	< 0.75 UJ	< 0.79 UJ
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	0.20 J	< 0.55 UJ	--	< 0.38 UJ	< 0.4 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.24	**2.4**	**1.2**	--	< 0.037 U	< 0.039 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.18	**3**	**2**	--	< 0.037 U	< 0.039 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.18	**3.4**	**1.8**	--	< 0.037 U	< 0.039 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.072 J	**1.3**	**1.4**	--	< 0.037 U	< 0.039 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-03	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04
					Coordinates (Northing, Easting)	203403.968, 995133.636	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872
					Sample Name	224402-SB-PR-03-28-30	224402-SB-PR-04-00-0.5	224402-SB-PR-04-08-10	224402-SB-PR-04-AR-29-29.5	224402-SB-PR-04-56-58	224402-SB-PR-04-68-70
					Depth Range (ft bgs)	28 - 30	0 - 0.5	8 - 10	29 - 29.5	56 - 58	68 - 70
					Parent Sample ID						
					Sample Date	9/11/2025	9/9/2025	9/11/2025	9/11/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1	1				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.081 J	**1.3**	0.68	--	< 0.037 U	< 0.039 U
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.14 J	< 0.074 U	< 0.11 U	--	< 0.075 U	< 0.079 U
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	< 0.38 UJ	< 0.55 UJ	--	< 0.38 U	< 0.4 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	0.21 J	< 0.55 U	--	< 0.38 U	< 0.4 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.12 J	0.21	< 0.28 U	--	< 0.19 U	< 0.2 U
Chrysene	1	4.9	47	1	mg/kg	0.2	**2.2**	**1.2**	--	< 0.037 U	< 0.039 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.082 U	**0.45**	0.33	--	< 0.037 U	< 0.039 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.40 J	0.11 J	< 0.55 U	--	< 0.38 U	< 0.4 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Fluoranthene	85	100	500	1000	mg/kg	0.62	3	1.5	--	< 0.037 U	< 0.039 U
Fluorene	30	100	500	386	mg/kg	0.41	0.14	1.9	--	< 0.037 U	< 0.039 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	R	< 0.38 UJ	< 0.55 UJ	--	< 0.38 U	< 0.4 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.077 J	**1.6**	**1.4**	--	< 0.037 U	< 0.039 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Naphthalene	12	100	500	12	mg/kg	2.3	0.2	0.86	--	0.0086 J	< 0.039 U
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	1.1	**1.6**	**4.3**	--	< 0.037 U	< 0.039 U
Phenol	0.33	100	500	0.33	mg/kg	< 0.85 U	< 0.38 U	< 0.55 U	--	< 0.38 U	< 0.4 U
Pyrene	64	100	500	1000	mg/kg	0.55	3.5	2.9	--	< 0.037 U	< 0.039 U
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	< 0.38 UJ	< 0.55 U	--	< 0.38 U	< 0.4 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	3.1	0.13	--	--	< 0.036 U	< 0.039 U
Acenaphthene	20	100	500	98	mg/kg	1.2	0.093 J	--	--	< 0.036 U	< 0.039 U
Acenaphthylene	100	100	500	365	mg/kg	0.16	0.26	--	--	< 0.036 U	< 0.039 U
Anthracene	100	100	500	1000	mg/kg	1.1	0.37	--	--	< 0.036 U	< 0.039 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**1.5**	**1.6**	--	--	< 0.036 U	< 0.039 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	1	**2.3**	--	--	< 0.036 U	< 0.039 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.1**	**2.7**	--	--	< 0.036 U	< 0.039 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.45	**1.9**	--	--	< 0.036 U	< 0.039 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.45	**0.99**	--	--	< 0.036 U	< 0.039 U
Chrysene	1	4.9	47	1	mg/kg	**1.2**	**1.7**	--	--	< 0.036 U	< 0.039 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.2	**0.52**	--	--	< 0.036 U	< 0.039 U
Fluoranthene	85	100	500	1000	mg/kg	3.5	2.7	--	--	< 0.036 U	< 0.039 U
Fluorene	30	100	500	386	mg/kg	1.4	0.086	--	--	< 0.036 U	< 0.039 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.5	**2**	--	--	< 0.036 U	< 0.039 U
Naphthalene	12	100	500	12	mg/kg	4.3	0.16	--	--	< 0.036 U	< 0.039 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	**4.6**	**1.2**	--	--	< 0.036 U	< 0.039 U
Pyrene	64	100	500	1000	mg/kg	2.2	2.5	--	--	< 0.036 U	< 0.039 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-03	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04
					Coordinates (Northing, Easting)	203403.968, 995133.636	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872
					Sample Name	224402-SB-PR-03-28-30	224402-SB-PR-04-00-0.5	224402-SB-PR-04-08-10	224402-SB-PR-04-AR-29-29.5	224402-SB-PR-04-56-58	224402-SB-PR-04-68-70
					Depth Range (ft bgs)	28 - 30	0 - 0.5	8 - 10	29 - 29.5	56 - 58	68 - 70
					Parent Sample ID						
					Sample Date	9/11/2025	9/9/2025	9/11/2025	9/11/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0799 J	0.0481 J	12.4	R	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.6 J	0.166 J	19.5	0.00148 J	--	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.434 J	0.161 J	35.2	0.000324 J	--	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	2.66 J	0.244 J	1.29	0.00131 J	--	--
Acenaphthene	20	100	500	98	mg/kg	1.18 J	0.133 J	2.38	0.00195 J	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.0787 J	0.429 J	0.495	0.000933 J	--	--
Anthracene	100	100	500	1000	mg/kg	0.631 J	0.583 J	2.1	0.000560 J	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.628 J	**2.08 J**	**4**	0.00128 J	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.499 J	**3.17 J**	**7.17**	0.00189 J	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.327 J	**2.53 J**	**4.88**	0.00113 J	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.21 J	**2.66 J**	**5.77**	0.00138 J	--	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.389 J	2.12 J	4.68	0.00152 J	--	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.267 J	2.1 J	4.04	0.00115 J	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.324 J	0.0431 J	0.104 J	R	--	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.422 J	1.54 J	2.72	0.000812 J	--	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.132 J	0.132 J	4.92	R	--	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.99 J	1.29 J	5.18	0.00123 J	--	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.259 J	0.0865 J	8.2	R	--	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	2.99 J	0.286 J	12.9	0.00201 J	--	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.15 J	1.08 J	19.8	0.00103 J	--	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.214 J	0.945 J	2.65	0.000616 J	--	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0883 J	0.174 J	5.73	R	--	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.388 J	1.06 J	4.29	0.000531 J	--	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.211 J	0.219 J	14	R	--	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.951 J	0.358 J	77.5	0.00106 J	--	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.654 J	0.912 J	21.8	0.000938 J	--	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.16 J	0.762 J	2.79	R	--	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0519 J	0.139 J	4.44	R	--	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.163 J	0.664 J	3.54	R	--	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.154 J	0.387 J	11.8	R	--	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.565 J	0.337 J	75.5	0.000748 J	--	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.316 J	0.481 J	12.1	0.000478 J	--	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0631 J	0.416 J	1.66	R	--	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0206 J	0.0754 J	2.23	R	--	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0887 J	0.462 J	2.48	R	--	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.311 J	0.25 J	42.9	R	--	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.204 J	0.196 J	5.44	R	--	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.551 J	2.06 J	3.55	0.00124 J	--	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.0896 J	0.928 J	1.45	0.000378 J	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	1.04 J	0.124 J	1.65	R	--	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.184 J	0.0946 J	1.95	R	--	--
Fluoranthene	85	100	500	1000	mg/kg	1.3 J	2.04 J	3.6	0.00106 J	--	--
Fluorene	30	100	500	386	mg/kg	0.99 J	0.0901 J	3.56	0.000483 J	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.219 J	**2.54 J**	**5.97**	0.00117 J	--	--
Naphthalene	12	100	500	12	mg/kg	R	0.307 J	1.56	0.00396 J	--	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.162 J	0.836 J	2.17	0.000730 J	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	**2.46 J**	**1.4 J**	**8.16**	0.00143 J	--	--
Pyrene	64	100	500	1000	mg/kg	1.06 J	2.12 J	5.04	0.00117 J	--	--
Retene	NSL	NSL	NSL	NSL	mg/kg	0.333 J	0.0332 J	< 0.141 U	R	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-03	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04
					Coordinates (Northing, Easting)	203403.968, 995133.636	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872
					Sample Name	224402-SB-PR-03-28-30	224402-SB-PR-04-00-0.5	224402-SB-PR-04-08-10	224402-SB-PR-04-AR-29-29.5	224402-SB-PR-04-56-58	224402-SB-PR-04-68-70
					Depth Range (ft bgs)	28 - 30	0 - 0.5	8 - 10	29 - 29.5	56 - 58	68 - 70
					Parent Sample ID						
					Sample Date	9/11/2025	9/9/2025	9/11/2025	9/11/2025	9/15/2025	9/15/2025
					Forensics Screening (Y/N)	Y	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	9660	4160	4040	--	5370	2910
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.99 UJ	< 4.25 UJ	< 6.39 UJ	--	< 4.32 UJ	< 4.55 UJ
Arsenic	13	16	16	16	mg/kg	5.89 J	**53.8**	**16.0 J**	--	2.22	1.89
Barium	410	410	410	820	mg/kg	64.0 J	**468**	261 J	--	37.7 J	15.1 J
Beryllium	4.4	43	670	47	mg/kg	0.505	0.339 J	0.336 J	--	0.412 J	0.270 J
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.075 J	1.62	0.241 J	--	< 0.864 U	< 0.91 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	2860 J	4750	47500 J	--	1670	788
Chromium, Hexavalent	1	1	11	19	mg/kg	< 1 UJ	< 8.8 U	< 6.3 U	--	< 4.4 U	< 1.9 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	23.2	27.7	6.65	--	20.3 J	10.0 J
Cobalt	NSL	NSL	NSL	NSL	mg/kg	11.9 J	8.33	4.61 J	--	8.74	6.27
Copper	50	280	280	1720	mg/kg	36.9	**122**	**50.7**	--	14.3	9.06
Cyanide	2.3	13	28	40	mg/kg	< 0.52 UJ	1.1	< 0.77 U	--	< 0.48 UJ	< 0.55 UJ
Iron	NSL	NSL	NSL	NSL	mg/kg	33600	27300	12300	--	16200	21600
Lead	63	400	1000	450	mg/kg	23.6 J	**3560**	**3710 J**	--	5.88	4.72
Magnesium	NSL	NSL	NSL	NSL	mg/kg	5040	1700	2120	--	2140 J	1050 J
Manganese	1600	2000	10000	2000	mg/kg	368	332	291	--	293	563
Mercury	0.18	0.3	1.1	0.73	mg/kg	0.144	**0.992**	**0.69**	--	< 0.083 UJ	< 0.079 UJ
Nickel	30	320	320	130	mg/kg	24.4 J	26.8	12.9 J	--	13.1	6.43
Potassium	NSL	NSL	NSL	NSL	mg/kg	3610 J	550	574 J	--	1230 J	553 J
Selenium	3.9	110	1700	4	mg/kg	< 2 UJ	0.393 J	0.471 J	--	< 1.73 U	< 1.82 U
Silver	2	110	1700	8.3	mg/kg	< 0.499 U	0.366 J	< 0.639 U	--	< 0.432 U	< 0.455 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	834 J	131 J	807 J	--	1090 J	828 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2 UJ	< 1.7 U	< 2.56 UJ	--	< 1.73 U	< 1.82 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	38.7	48.6	30.1	--	21.7	20.9
Zinc	109	6600	10000	2480	mg/kg	62.2 J	**732**	**255 J**	--	31.7	31.2
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 5 U	< 4.94 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 5 U	< 4.94 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 1 U	< 0.989 UJ	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 2 U	< 1.98 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 2 U	< 1.98 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.4 U	< 0.395 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.4 U	< 0.395 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.4 U	< 0.395 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.4 U	< 0.395 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.8 U	< 0.791 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	0.0812 J	< 0.198 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	3.09	0.0954 J	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-03	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04	SB-PR-04
					Coordinates (Northing, Easting)	203403.968, 995133.636	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872	203457.682, 995043.872
					Sample Name	224402-SB-PR-03-28-30	224402-SB-PR-04-00-0.5	224402-SB-PR-04-08-10	224402-SB-PR-04-AR-29-29.5	224402-SB-PR-04-56-58	224402-SB-PR-04-68-70	
					Depth Range (ft bgs)	28 - 30	0 - 0.5	8 - 10	29 - 29.5	56 - 58	68 - 70	
					Parent Sample ID							
					Sample Date	9/11/2025	9/9/2025	9/11/2025	9/11/2025	9/15/2025	9/15/2025	
					Forensics Screening (Y/N)	Y	Y	N	N	Y	Y	
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	N	N	
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N	
					Archived Sample (Y/N)	N	N	N	Y	N	N	
					Number of Archived Samples Per Boring	1	1					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**							
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	0.913	< 0.198 U	--	--	--	
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--	
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	0.353	0.425	--	--	--	
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--	
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	0.224	0.246	--	--	--	
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--	
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	0.926	0.377	--	--	--	
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--	
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	0.376	< 0.198 U	--	--	--	
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	**0.678**	**0.913**	--	--	--	
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.2 U	< 0.198 U	--	--	--	
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	0.385 J	0.354 J	--	--	--	
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	0.224	< 0.198 U	--	--	--	
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	0.433	< 0.198 U	--	--	--	
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	2.28	< 0.198 U	--	--	--	
1,4-Dioxane (SW8270DSIM)												
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	< 0.055 U	< 0.82 U	--	--	--	
PCBs (EPA Method SW8082A)												
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	< 0.13 U	--	--	--	
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	< 0.13 U	--	--	--	
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	< 0.13 U	--	--	--	
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	< 0.13 U	--	--	--	
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	0.096	< 0.13 U	--	--	--	
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	**0.23**	< 0.13 U	--	--	--	
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	**0.11**	< 0.13 U	--	--	--	
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.087 U	< 0.13 U	--	--	--	
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.087 U	< 0.13 U	--	--	--	
Total PCBs	0.1	1	1	3.2	mg/kg	--	**0.436**	--	--	--	--	
TOC (LLOYDKAHN)												
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	11000 J	100000	190000 J	770 J	2600 J	8000 J	
TPH (SW8015D)												
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	273 J	619 J	19600	8.67 J	--	--	

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-06
					Coordinates (Northing, Easting)	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203197.181, 995382.926
					Sample Name	224402-SB-PR-05-00-0.5	224402-SB-PR-05-08-10	224402-SB-PR-05-20-22	224402-SB-PR-05-AR-23.5-24	224402-SB-PR-05-25-27	224402-SB-PR-06-00-0.5
					Depth Range (ft bgs)	0 - 0.5	8 - 10	20 - 22	23.5 - 24	25 - 27	0 - 0.5
					Parent Sample ID						
					Sample Date	9/11/2025	9/11/2025	9/12/2025	9/12/2025	9/12/2025	9/9/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	N	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring			1			1
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.35 U	< 0.68 U	--	< 0.00079 U	< 0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.7 U	< 1.4 U	--	< 0.0079 U	< 0.013 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0044 U	< 0.7 U	< 1.4 U	--	< 0.0032 U	< 0.0052 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 3.5 U	< 6.8 U	--	< 0.0016 U	< 0.0026 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 1.4 U	< 2.7 U	--	< 0.0016 U	< 0.0026 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0022 U	0.18 J	**8.7**	--	0.00087 J	< 0.0026 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 3.5 U	< 6.8 U	--	< 0.0016 U	< 0.0026 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.35 U	< 0.68 U	--	< 0.00079 U	< 0.0013 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0022 U	< 0.7 U	0.69 J	--	< 0.0016 U	< 0.0026 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 7 U	< 14 U	--	< 0.016 U	< 0.026 U
Acetone	0.03	100	500	0.03	mg/kg	**0.043 J**	< 35 U	**2.6 J**	--	0.011 J	**0.036 UJ**
Benzene	0.06	3.7	20	0.06	mg/kg	0.0021 J	< 0.7 U	**0.31 J**	--	< 0.0016 U	0.0013 J
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 UJ	< 1.4 UJ	< 2.7 UJ	--	< 0.0079 UJ	< 0.013 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 3.5 U	< 6.8 U	--	< 0.016 U	< 0.026 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 1.4 U	< 2.7 U	--	< 0.016 U	< 0.026 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0044 U	< 1.4 U	< 2.7 U	--	< 0.0032 U	< 0.0052 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 1.4 UJ	< 2.7 UJ	--	< 0.0079 U	< 0.013 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.35 U	< 0.68 U	--	< 0.00079 U	< 0.0013 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 1.4 U	< 2.7 U	--	< 0.0079 U	< 0.013 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	13	--	0.00080 J	< 0.0026 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.35 U	< 0.68 U	--	< 0.00079 U	< 0.0013 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 1.4 U	< 2.7 U	--	< 0.016 U	< 0.026 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0022 U	< 0.7 U	**17**	--	0.0015 J	0.00077 J
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	3.4	8.6	--	0.00052 J	< 0.0026 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	< 0.0044 U	< 1.4 U	2.7	--	< 0.0032 U	< 0.0052 U
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 7 U	< 14 U	--	< 0.0016 U	< 0.0026 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.044 U	< 14 U	< 27 U	--	< 0.032 U	< 0.052 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 7 U	< 14 U	--	< 0.016 U	< 0.026 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	59	1.1 J	--	< 0.0016 U	< 0.0026 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.022 U	< 3.5 U	< 6.8 U	--	< 0.016 U	< 0.026 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	< 0.0044 U	< 1.4 U	**150**	--	0.018	< 0.0052 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0022 U	1.9	2.2	--	< 0.0016 U	< 0.0026 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0022 U	4.7	4.4	--	< 0.0016 U	< 0.0026 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	4.6	--	0.00099 J	< 0.0026 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0022 U	3.6	0.93 J	--	< 0.0016 U	< 0.0026 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-06
					Coordinates (Northing, Easting)	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203197.181, 995382.926
					Sample Name	224402-SB-PR-05-00-0.5	224402-SB-PR-05-08-10	224402-SB-PR-05-20-22	224402-SB-PR-05-AR-23.5-24	224402-SB-PR-05-25-27	224402-SB-PR-06-00-0.5
					Depth Range (ft bgs)	0 - 0.5	8 - 10	20 - 22	23.5 - 24	25 - 27	0 - 0.5
					Parent Sample ID						
					Sample Date	9/11/2025	9/11/2025	9/12/2025	9/12/2025	9/12/2025	9/9/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	N	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring			1			1
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0022 U	0.63 J	0.20 J	--	< 0.0016 U	< 0.0026 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0044 U	< 0.7 U	< 1.4 U	--	< 0.0032 U	< 0.0052 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Toluene	0.7	100	500	0.7	mg/kg	0.00086 J	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.35 U	< 0.68 U	--	< 0.00079 U	< 0.0013 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0022 U	< 0.7 U	< 1.4 U	--	< 0.0016 U	< 0.0026 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 1.4 U	< 2.7 U	--	< 0.0079 U	< 0.013 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.011 UJ	< 1.4 U	< 2.7 U	--	< 0.0079 UJ	< 0.013 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0022 U	< 0.7 U	**7.3**	--	< 0.0016 U	< 0.0026 U
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.14	2.8 J	18	--	0.086	0.026 J
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.81 U	< 0.85 U	< 1.2 U	--	< 0.82 U	< 1.5 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.8 U	< 0.83 UJ	< 1.2 U	--	< 0.8 U	< 1.5 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.15	0.38	2.9	--	0.030 J	0.055 J
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	< 0.21 U	< 0.31 U	--	< 0.21 U	< 0.38 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 UJ	< 0.62 U	--	< 0.41 U	< 0.76 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.8 UJ	< 0.83 U	< 1.2 U	--	< 0.8 U	< 1.5 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.8 U	< 0.83 U	< 1.2 U	--	< 0.8 U	< 1.5 UJ
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.8 UJ	< 0.83 U	< 1.2 U	--	< 0.8 U	< 1.5 UJ
Acenaphthene	20	100	500	98	mg/kg	0.7	2.3 J	11	--	0.077	0.025 J
Acenaphthylene	100	100	500	365	mg/kg	0.046	0.18	4.3	--	0.028 J	< 0.074 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Anthracene	100	100	500	1000	mg/kg	1.5	0.98	10	--	0.076	0.061 J
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.81 U	< 0.85 U	< 1.2 U	--	< 0.82 U	< 1.5 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.43 UJ	< 0.62 U	--	< 0.41 U	< 0.76 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**4.3**	**1.4 J**	**8.2**	--	0.078	0.38
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**4.4**	**1.9 J**	**7.2**	--	0.063	0.56
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**4.8**	**1.8 J**	**6.4**	--	0.063	0.74
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**2**	**0.93 J**	**3.6**	--	0.034 J	0.55

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-06
					Coordinates (Northing, Easting)	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203197.181, 995382.926
					Sample Name	224402-SB-PR-05-00-0.5	224402-SB-PR-05-08-10	224402-SB-PR-05-20-22	224402-SB-PR-05-AR-23.5-24	224402-SB-PR-05-25-27	224402-SB-PR-06-00-0.5
					Depth Range (ft bgs)	0 - 0.5	8 - 10	20 - 22	23.5 - 24	25 - 27	0 - 0.5
					Parent Sample ID						
					Sample Date	9/11/2025	9/11/2025	9/12/2025	9/12/2025	9/12/2025	9/9/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	N	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring			1			1
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	**1.9**	0.73	**2.5**	--	0.023 J	0.28
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.081 U	< 0.085 U	2.4	--	< 0.082 U	< 0.15 U
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 UJ
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	0.16 J	< 0.43 U	< 0.62 U	--	< 0.41 U	0.28 J
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.63	0.086 J	1.3	--	< 0.21 U	< 0.38 U
Chrysene	1	4.9	47	1	mg/kg	**4.2**	**1.4 J**	**7.2**	--	0.072	0.46
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	**0.57**	0.29 J	**0.98**	--	< 0.04 U	0.11
Dibenzofuran	2.1	18	180	110	mg/kg	0.27 J	0.24 J	**5.6**	--	< 0.41 U	< 0.76 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Fluoranthene	85	100	500	1000	mg/kg	8.8	1.9 J	20	--	0.17	0.48
Fluorene	30	100	500	386	mg/kg	0.64	1	10	--	0.063	< 0.074 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	R	< 0.62 UJ	--	< 0.41 UJ	< 0.76 UJ
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**2.2**	**1.0 J**	**3.8**	--	0.031 J	0.47
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Naphthalene	12	100	500	12	mg/kg	0.21	0.87	**22**	--	0.093	0.053 J
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	**5.5**	**3.3 J**	**38**	--	0.28	0.21
Phenol	0.33	100	500	0.33	mg/kg	< 0.41 U	< 0.43 U	< 0.62 U	--	< 0.41 U	< 0.76 U
Pyrene	64	100	500	1000	mg/kg	8.7	2.9 J	23	--	0.17	0.59
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.43 UJ	< 0.62 U	--	< 0.41 U	< 0.76 UJ
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.18	--	--	--	< 0.041 U	0.079
Acenaphthene	20	100	500	98	mg/kg	0.72	--	--	--	< 0.041 U	< 0.074 UJ
Acenaphthylene	100	100	500	365	mg/kg	0.057	--	--	--	< 0.041 U	0.030 J
Anthracene	100	100	500	1000	mg/kg	1.7	--	--	--	0.0099 J	0.1
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**6.5**	--	--	--	0.023 J	0.46
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**6.5**	--	--	--	< 0.041 U	0.58
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**7.8**	--	--	--	0.017 J	0.78
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**3.1**	--	--	--	< 0.041 U	**0.92**
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	**2.4**	--	--	--	< 0.041 U	0.37
Chrysene	1	4.9	47	1	mg/kg	**4.5**	--	--	--	0.017 J	0.49
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	**0.9**	--	--	--	< 0.041 U	0.13
Fluoranthene	85	100	500	1000	mg/kg	13	--	--	--	0.030 J	0.87
Fluorene	30	100	500	386	mg/kg	0.67	--	--	--	< 0.041 U	0.021 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**3.1**	--	--	--	< 0.041 U	**0.74**
Naphthalene	12	100	500	12	mg/kg	0.3	--	--	--	< 0.041 U	0.066 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	**7.8**	--	--	--	0.027 J	0.33
Pyrene	64	100	500	1000	mg/kg	10	--	--	--	0.029 J	0.66

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-06
					Coordinates (Northing, Easting)	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203197.181, 995382.926
					Sample Name	224402-SB-PR-05-00-0.5	224402-SB-PR-05-08-10	224402-SB-PR-05-20-22	224402-SB-PR-05-AR-23.5-24	224402-SB-PR-05-25-27	224402-SB-PR-06-00-0.5
					Depth Range (ft bgs)	0 - 0.5	8 - 10	20 - 22	23.5 - 24	25 - 27	0 - 0.5
					Parent Sample ID						
					Sample Date	9/11/2025	9/11/2025	9/12/2025	9/12/2025	9/12/2025	9/9/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	N	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring			1			1
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0524 J	0.442	4.72	0.208 J	--	0.00784 J
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.286 J	2.24	80.3	2.97 J	--	0.0261 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.189 J	1.7	38.9	1.47 J	--	0.0436 J
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.382 J	0.527	14.2	0.891 J	--	0.0620 J
Acenaphthene	20	100	500	98	mg/kg	1.26 J	1.9	**66.4**	2.68 J	--	0.0160 J
Acenaphthylene	100	100	500	365	mg/kg	0.232 J	0.198	28.1	0.682 J	--	0.0260 J
Anthracene	100	100	500	1000	mg/kg	2.77 J	1.05	65.6	2.74 J	--	0.0604 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**7.23 J**	**1.06**	**44.1**	**2.67 J**	--	0.298 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**8.22 J**	0.968	**39.3**	**2.54 J**	--	0.483 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**6.84 J**	0.661	**24.9**	**1.51 J**	--	0.445 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**5.27 J**	0.577	**18.6**	**1.21 J**	--	**0.742 J**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	5.58 J	0.695	26.8	1.72 J	--	0.396 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	5.34 J	0.545	20	1.3 J	--	0.405 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0995 J	0.0484	14.6	0.501 J	--	0.0157 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	3.58 J	0.809	22.2	1.54 J	--	0.221 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.627 J	0.658	14.2	0.533 J	--	0.0373 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	4.8 J	1.82	71.8	2.88 J	--	0.19 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.388 J	0.728	20.1	0.936 J	--	0.0128 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.464 J	1.71	59	2.52 J	--	0.0618 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	3.4 J	2.75	95.7	3.37 J	--	0.153 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.85 J	0.487	9.98	0.717 J	--	0.172 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.733 J	0.746	9.43	0.332 J	--	0.0417 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	2.45 J	0.853	22.4	0.919 J	--	0.213 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.357 J	0.905	13.6	0.547 J	--	0.0418 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.498 J	3.55	83.2	3.22 J	--	0.0732 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.93 J	1.96	39.3	1.62 J	--	0.13 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.44 J	0.345	5.87	0.435 J	--	0.237 J
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.491 J	0.547	4.19	0.137 J	--	0.0432 J
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.13 J	0.457	7.84	0.314 J	--	0.148 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.736 J	0.822	5.96	0.257 J	--	0.1 J
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.434 J	2.74	30.9	1.28 J	--	0.0661 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.767 J	0.814	13.7	0.689 J	--	0.0900 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.737 J	0.17	3.11	0.149 J	--	0.186 J
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.258 J	0.26	2.34 J	0.0721 J	--	0.0318 J
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.819 J	0.277	3.82	0.154 J	--	0.149 J
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.274 J	1.61	9.91	0.467 J	--	0.0480 J
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.312 J	0.355	8.37	0.546 J	--	0.0478 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	6.63 J	0.935	36.8	2.33 J	--	0.376 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	1.98 J	0.18	5.96 J	0.355 J	--	0.125 J
Dibenzofuran	2.1	18	180	110	mg/kg	0.536 J	0.175	**34.6**	1.31 J	--	0.0211 J
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.529 J	0.305	17.9	0.668 J	--	0.0165 J
Fluoranthene	85	100	500	1000	mg/kg	9.39 J	1.75	**98.4**	3.67 J	--	0.383 J
Fluorene	30	100	500	386	mg/kg	1.12 J	0.725	**54.4**	2.01 J	--	0.0148 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**5.08 J**	**0.594**	**18.3**	**1.27 J**	--	**0.506 J**
Naphthalene	12	100	500	12	mg/kg	0.619 J	1.2	**91.7**	4.89 J	--	0.0566 J
Perylene	NSL	NSL	NSL	NSL	mg/kg	2.13 J	0.264	9.88	2.6 J	--	0.138 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	**7.77 J**	**2.49**	**190**	**7.15 J**	--	0.256 J
Pyrene	64	100	500	1000	mg/kg	8.66 J	2.17	**98.3**	3.82 J	--	0.374 J
Retene	NSL	NSL	NSL	NSL	mg/kg	0.0633 J	0.107	17	1.19 J	--	0.00773 J

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-05	SB-PR-06
					Coordinates (Northing, Easting)	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203373.571, 994939.51	203197.181, 995382.926
					Sample Name	224402-SB-PR-05-00-0.5	224402-SB-PR-05-08-10	224402-SB-PR-05-20-22	224402-SB-PR-05-AR-23.5-24	224402-SB-PR-05-25-27	224402-SB-PR-06-00-0.5
					Depth Range (ft bgs)	0 - 0.5	8 - 10	20 - 22	23.5 - 24	25 - 27	0 - 0.5
					Parent Sample ID						
					Sample Date	9/11/2025	9/11/2025	9/12/2025	9/12/2025	9/12/2025	9/9/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	N	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring			1			1
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	7540	7600	17600	--	4950	4950
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.64 UJ	< 4.84 U	< 7.03 UJ	--	< 4.63 UJ	< 4.39 UJ
Arsenic	13	16	16	16	mg/kg	**17.6 J**	**13.6 J**	**16.2 J**	--	4.41 J	13
Barium	410	410	410	820	mg/kg	**587 J**	117	65.8 J	--	24.4 J	75.7
Beryllium	4.4	43	670	47	mg/kg	0.362 J	0.501	0.984	--	0.626	0.735
Cadmium	2.5	2.5	3.7	7.5	mg/kg	1.13 J	0.242 J	0.079 J	--	< 0.926 U	**10**
Calcium	NSL	NSL	NSL	NSL	mg/kg	46400 J	7940 J	3900	--	1990	31300
Chromium, Hexavalent	1	1	11	19	mg/kg	**4.5 J**	< 1.9 U	< 2.8 U	--	< 0.92 U	< 8.8 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	40.5	21.7	34.6	--	21.8	106
Cobalt	NSL	NSL	NSL	NSL	mg/kg	7.43 J	8.16	13.3	--	7.18	12
Copper	50	280	280	1720	mg/kg	**80.4**	43.1	45.7	--	17.9	**154**
Cyanide	2.3	13	28	40	mg/kg	**3.0 J**	< 0.58 U	< 0.77 U	--	< 0.52 U	< 0.52 U
Iron	NSL	NSL	NSL	NSL	mg/kg	29300	20900	36900	--	39500	20300
Lead	63	400	1000	450	mg/kg	**321 J**	**682**	**130**	--	11.8	**564**
Magnesium	NSL	NSL	NSL	NSL	mg/kg	5890	3390	8460	--	2120	11700
Manganese	1600	2000	10000	2000	mg/kg	400	274	1060	--	711	255
Mercury	0.18	0.3	1.1	0.73	mg/kg	**0.647**	**0.608 J**	**0.695**	--	< 0.083 U	**0.229**
Nickel	30	320	320	130	mg/kg	19.0 J	17.5	**32.4**	--	11.2	**44.2**
Potassium	NSL	NSL	NSL	NSL	mg/kg	663 J	1720 J	3340	--	1020	706
Selenium	3.9	110	1700	4	mg/kg	< 1.85 UJ	0.329 J	0.612 J	--	< 1.85 U	< 1.76 U
Silver	2	110	1700	8.3	mg/kg	0.59	< 0.484 U	0.452 J	--	< 0.463 U	0.339 J
Sodium	NSL	NSL	NSL	NSL	mg/kg	460 J	299	6820	--	1420	223
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.85 UJ	< 1.94 U	< 2.81 U	--	< 1.85 U	< 1.76 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	20.6	32.6	43.8	--	45.6	30
Zinc	109	6600	10000	2480	mg/kg	**746 J**	**456**	**122**	--	41.1	**940**
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.92 U	< 4.95 U	--	--	--	< 5 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.92 U	< 4.95 U	--	--	--	< 5 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.985 UJ	< 0.99 UJ	--	--	--	< 0.999 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.97 U	< 1.98 U	--	--	--	< 2 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.97 U	< 1.98 U	--	--	--	< 2 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.394 U	< 0.396 U	--	--	--	< 0.4 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.394 U	< 0.396 U	--	--	--	< 0.4 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.394 U	< 0.396 U	--	--	--	< 0.4 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.394 U	< 0.396 U	--	--	--	< 0.4 U
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.788 U	< 0.792 U	--	--	--	< 0.8 U
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	0.110 J
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	0.403	< 0.198 U	--	--	--	0.292
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	**SB-PR-05**	**SB-PR-05**	**SB-PR-05**	**SB-PR-05**	**SB-PR-05**	**SB-PR-06**
					Coordinates (Northing, Easting)	**203373.571, 994939.51**	**203373.571, 994939.51**	**203373.571, 994939.51**	**203373.571, 994939.51**	**203373.571, 994939.51**	**203197.181, 995382.926**
					Sample Name	**224402-SB-PR-05-00-0.5**	**224402-SB-PR-05-08-10**	**224402-SB-PR-05-20-22**	**224402-SB-PR-05-AR-23.5-24**	**224402-SB-PR-05-25-27**	**224402-SB-PR-06-00-0.5**
					Depth Range (ft bgs)	**0 - 0.5**	**8 - 10**	**20 - 22**	**23.5 - 24**	**25 - 27**	**0 - 0.5**
					Parent Sample ID						
					Sample Date	**9/11/2025**	**9/11/2025**	**9/12/2025**	**9/12/2025**	**9/12/2025**	**9/9/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**	**Y**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**N**	**N**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**			**1**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	0.493	< 0.198 U	--	--	--	0.433
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	0.148 J	0.0772 J	--	--	--	0.104 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.158 J	0.132 J	--	--	--	0.246
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.254 J	< 0.198 U	--	--	--	0.169 J
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.198 U	--	--	--	< 0.2 U
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	0.240 J	< 0.396 U	--	--	--	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	0.111 J	< 0.198 U	--	--	--	0.195 J
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	0.129 J	< 0.198 U	--	--	--	0.269
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	0.394	< 0.198 U	--	--	--	0.489
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.06 U	< 0.063 U	--	--	--	< 0.055 U
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.096 U	< 0.1 U	--	--	--	< 0.089 U
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.096 U	< 0.1 U	--	--	--	< 0.089 U
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.096 U	< 0.1 U	--	--	--	< 0.089 U
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.096 U	< 0.1 U	--	--	--	< 0.089 U
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	**0.44**	< 0.1 U	--	--	--	< 0.089 U
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	**1.6**	< 0.1 U	--	--	--	< 0.089 U
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	**0.44**	< 0.1 U	--	--	--	0.1
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.096 U	< 0.1 U	--	--	--	< 0.089 U
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.096 U	< 0.1 U	--	--	--	< 0.089 U
Total PCBs	0.1	1	1	3.2	mg/kg	**2.48**	--	--	--	--	0.1
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	64000 J	28000	36000	24000	8800	86000
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	1010 J	2340	4900	318 J	--	827 J

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-07
					Coordinates (Northing, Easting)	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	202945.372, 995503.734
					Sample Name	224402-SB-PR-06-09-11	224402-SB-PR-DUP-02	224402-SB-PR-06-30-32	224402-SB-PR-06-AR-43-43.5	224402-SB-PR-06-68-70	SB-PR-07-00-0.5
					Depth Range (ft bgs)	9 - 11	9 - 11	30 - 32	43 - 43.5	68 - 70	0 - 0.5
					Parent Sample ID		224402-SB-PR-06-09-11				
					Sample Date	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/8/2025
					Forensics Screening (Y/N)	N	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	NA	NA	Y	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1					3
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.042 U	< 0.52 U	< 0.0008 U	--	< 0.00087 U	< 0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	< 1 U	< 0.008 U	--	< 0.0087 U	< 0.012 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.084 U	< 1 U	< 0.0032 U	--	< 0.0035 U	< 0.0049 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 5.2 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.17 U	< 2.1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	0.27	0.54 J	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 5.2 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.042 U	< 0.52 U	< 0.0008 U	--	< 0.00087 U	< 0.0012 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	0.15	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.84 U	< 10 U	< 0.016 U	--	< 0.017 U	< 0.024 U
Acetone	0.03	100	500	0.03	mg/kg	**0.25 J**	< 52 U	< 0.08 UJ	--	< 0.087 UJ	0.023 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	0.033 J	**0.45 J**	< 0.0016 U	--	< 0.0017 U	0.0033
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.084 UJ	< 1 UJ	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.17 U	< 2.1 U	< 0.008 UJ	--	< 0.0087 UJ	< 0.012 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 5.2 U	< 0.016 U	--	< 0.017 U	< 0.024 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.17 U	< 2.1 U	< 0.016 U	--	< 0.017 U	< 0.024 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.17 U	< 2.1 U	< 0.0032 U	--	< 0.0035 U	< 0.0049 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.17 U	< 2.1 U	< 0.008 U	--	< 0.0087 U	< 0.012 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.042 U	< 0.52 U	< 0.0008 U	--	< 0.00087 U	< 0.0012 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.17 U	< 2.1 U	< 0.008 U	--	< 0.0087 U	< 0.012 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	0.087	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.042 U	< 0.52 U	< 0.0008 U	--	< 0.00087 U	< 0.0012 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.17 U	< 2.1 U	< 0.016 U	--	< 0.017 U	< 0.024 U
Ethylbenzene	1	76	390	1	mg/kg	0.11	0.23 J	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	0.19	1.1	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	0.15 J	0.63 J	< 0.0032 U	--	< 0.0035 U	< 0.0049 U
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.84 U	< 10 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 1.7 U	< 21 U	< 0.032 U	--	< 0.035 U	< 0.049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.84 U	< 10 U	< 0.016 U	--	< 0.017 U	< 0.024 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	19 J	140 J	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.42 U	< 5.2 U	< 0.016 U	--	< 0.017 U	< 0.024 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.56	< 2.1 U	< 0.0032 U	--	< 0.0035 U	< 0.0049 U
N-Butylbenzene	18	100	500	18	mg/kg	0.2	0.78 J	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
N-Propylbenzene	5	100	500	5	mg/kg	0.23	1.3	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	0.057 J	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Sec-Butylbenzene	25	100	500	25	mg/kg	0.14	0.78 J	< 0.0016 U	--	< 0.0017 U	< 0.0024 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-07
					Coordinates (Northing, Easting)	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	202945.372, 995503.734
					Sample Name	224402-SB-PR-06-09-11	224402-SB-PR-DUP-02	224402-SB-PR-06-30-32	224402-SB-PR-06-AR-43-43.5	224402-SB-PR-06-68-70	SB-PR-07-00-0.5
					Depth Range (ft bgs)	9 - 11	9 - 11	30 - 32	43 - 43.5	68 - 70	0 - 0.5
					Parent Sample ID		224402-SB-PR-06-09-11				
					Sample Date	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/8/2025
					Forensics Screening (Y/N)	N	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	NA	NA	Y	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring			1			3
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
T-Butylbenzene	11	100	500	11	mg/kg	0.032 J	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.084 U	< 1 U	< 0.0032 U	--	< 0.0035 U	< 0.0049 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.084 U	0.16 J	< 0.0016 U	--	< 0.0017 U	0.0011 J
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.042 U	< 0.52 U	< 0.0008 U	--	< 0.00087 U	< 0.0012 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.084 U	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.17 U	< 2.1 U	< 0.008 U	--	< 0.0087 U	< 0.012 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.17 U	< 2.1 U	< 0.008 UJ	--	< 0.0087 UJ	< 0.012 UJ
Xylenes	0.26	100	500	1.2	mg/kg	0.21	< 1 U	< 0.0016 U	--	< 0.0017 U	< 0.0024 U
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.11 J	0.62 J	< 0.038 U	--	< 0.037 U	0.094 J
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.79 U	< 0.78 U	< 0.77 U	--	< 0.74 U	< 3.1 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.76 U	< 0.76 U	--	< 0.73 U	< 3.1 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.39 UJ	< 0.39 UJ	--	< 0.38 UJ	< 1.6 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.085	0.12	< 0.038 U	--	< 0.037 U	0.18
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.39 UJ	< 0.39 UJ	--	< 0.38 UJ	< 1.6 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.2 U	< 0.19 U	--	< 0.19 U	< 0.79 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.76 U	< 0.76 U	--	< 0.73 U	< 3.1 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.78 UJ	< 0.76 UJ	< 0.76 UJ	--	< 0.73 UJ	< 3.1 UJ
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 UJ	< 0.76 UJ	< 0.76 UJ	--	< 0.73 U	< 3.1 UJ
Acenaphthene	20	100	500	98	mg/kg	0.10 J	0.28 J	0.018 J	--	< 0.037 U	0.069 J
Acenaphthylene	100	100	500	365	mg/kg	< 0.039 U	< 0.038 U	< 0.038 U	--	< 0.037 U	0.17
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 UJ	< 0.39 U	--	< 0.38 U	< 1.6 U
Anthracene	100	100	500	1000	mg/kg	0.13 J	0.25 J	< 0.038 U	--	< 0.037 U	0.22
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.79 U	< 0.78 U	< 0.77 U	--	< 0.74 U	< 3.1 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U	< 1.6 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.34 J	0.57 J	< 0.038 U	--	< 0.037 U	**1.2**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.22	0.34	< 0.038 U	--	< 0.037 U	**1.6**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.21	0.19	< 0.038 U	--	< 0.037 U	**1.8**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.11	0.15	< 0.038 U	--	< 0.037 U	**1.4**

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-07
					Coordinates (Northing, Easting)	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	202945.372, 995503.734
					Sample Name	224402-SB-PR-06-09-11	224402-SB-PR-DUP-02	224402-SB-PR-06-30-32	224402-SB-PR-06-AR-43-43.5	224402-SB-PR-06-68-70		SB-PR-07-00-0.5
					Depth Range (ft bgs)	9 - 11	9 - 11	30 - 32	43 - 43.5	68 - 70		0 - 0.5
					Parent Sample ID		224402-SB-PR-06-09-11					
					Sample Date	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/10/2025		9/8/2025
					Forensics Screening (Y/N)	N	N	N	N	Y		Y
					Passed Forensic Screening (Y/N)	NA	NA	NA	NA	Y		Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	Y		Y
					Archived Sample (Y/N)	N	N	N	Y	N		N
					Number of Archived Samples Per Boring			1				3
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**							
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.084	0.061	< 0.038 U	--	< 0.037 U		0.77
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.079 U	< 0.078 U	< 0.077 U	--	< 0.074 U		< 0.31 U
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 UJ		< 1.6 UJ
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.2 U	< 0.19 U	--	< 0.19 U		< 0.79 U
Chrysene	1	4.9	47	1	mg/kg	0.34	0.54 J	< 0.038 U	--	< 0.037 U		**1.4**
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.027 J	0.028 J	< 0.038 U	--	< 0.037 U		0.17
Dibenzofuran	2.1	18	180	110	mg/kg	0.040 J	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Fluoranthene	85	100	500	1000	mg/kg	0.45	0.46	< 0.038 U	--	< 0.037 U		2.5
Fluorene	30	100	500	386	mg/kg	0.097 J	0.33 J	< 0.038 U	--	< 0.037 U		< 0.15 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	R	< 0.39 U	--	< 0.38 U		< 1.6 UJ
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.098	0.073	< 0.038 U	--	< 0.037 U		**1.3**
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Naphthalene	12	100	500	12	mg/kg	0.083	0.18	0.0084 U	--	0.0081 U		0.16
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.4 UJ	< 0.39 UJ	< 0.39 UJ	--	< 0.38 UJ		< 1.6 UJ
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.40 J	**1.2 J**	< 0.038 U	--	< 0.037 U		1
Phenol	0.33	100	500	0.33	mg/kg	< 0.4 U	< 0.39 U	< 0.39 U	--	< 0.38 U		< 1.6 U
Pyrene	64	100	500	1000	mg/kg	1	1.5 J	< 0.038 U	--	< 0.037 U		2.7
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.39 UJ	< 0.39 UJ	--	< 0.38 UJ		< 1.6 UJ
SVOCs (SVOCs 8270E SIM - Priority PAHs)												
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	< 0.037 U		0.18
Acenaphthene	20	100	500	98	mg/kg	--	--	--	--	< 0.037 U		0.069 J
Acenaphthylene	100	100	500	365	mg/kg	--	--	--	--	< 0.037 U		0.17
Anthracene	100	100	500	1000	mg/kg	--	--	--	--	< 0.037 U		0.22
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	--	--	--	< 0.037 U		**1.2**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	--	--	--	< 0.037 U		**1.6**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	--	--	--	< 0.037 U		**1.8**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	--	--	--	< 0.037 U		**1.4**
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	--	--	--	< 0.037 U		0.77
Chrysene	1	4.9	47	1	mg/kg	--	--	--	--	< 0.037 U		**1.4**
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	--	--	--	< 0.037 U		0.17
Fluoranthene	85	100	500	1000	mg/kg	--	--	--	--	< 0.037 U		2.5
Fluorene	30	100	500	386	mg/kg	--	--	--	--	< 0.037 U		< 0.15 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	--	--	--	< 0.037 U		**1.3**
Naphthalene	12	100	500	12	mg/kg	--	--	--	--	0.013 J		0.16
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	--	--	--	< 0.037 U		1
Pyrene	64	100	500	1000	mg/kg	--	--	--	--	< 0.037 U		2.7

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-07
					Coordinates (Northing, Easting)	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	202945.372, 995503.734
					Sample Name	224402-SB-PR-06-09-11	224402-SB-PR-DUP-02	224402-SB-PR-06-30-32	224402-SB-PR-06-AR-43-43.5	224402-SB-PR-06-68-70	SB-PR-07-00-0.5
					Depth Range (ft bgs)	9 - 11	9 - 11	30 - 32	43 - 43.5	68 - 70	0 - 0.5
					Parent Sample ID		224402-SB-PR-06-09-11				
					Sample Date	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/8/2025
					Forensics Screening (Y/N)	N	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	NA	NA	Y	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1					3
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.146 J	0.0441 J	0.000567 J	R	< 0.00217 U	0.043
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.665 J	0.123 J	0.00429	0.00261 J	< 0.00217 U	0.12
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.594 J	0.14 J	0.00231	0.000730 J	0.000593 J	0.164
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.465 J	0.0923 J	0.00622	0.000825 J	0.00109 J	0.207
Acenaphthene	20	100	500	98	mg/kg	0.358 J	0.0864 J	0.0183	0.0498 J	0.00119 J	0.121
Acenaphthylene	100	100	500	365	mg/kg	0.15 J	0.0258 J	0.0118 J	0.000756 J	0.00679 J	0.302
Anthracene	100	100	500	1000	mg/kg	0.353 J	0.0915 J	0.00499	0.00119 J	0.00102 J	0.456
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.711 J	0.254 J	0.00416	0.00144 J	0.000703 J	0.982
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.327 J	0.116 J	0.00318	0.00131 J	< 0.00217 U	**1.32**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.201 J	0.0838 J	0.00176 J	0.000829 J	< 0.00217 U	**1.23**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.211 J	0.0696 J	0.00130 J	0.00107 J	< 0.00217 U	**1.34**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.132 J	0.0700 J	0.00205 J	0.00101 J	< 0.00217 U	0.963
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.398 J	0.14 J	0.00181 J	0.00111 J	< 0.00217 U	1.07
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0950 J	0.0139 J	0.000970 J	R	< 0.00217 U	0.0503
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.75 J	0.578 J	0.00462	0.00214 J	0.000962 J	0.66
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.111 J	0.0346 J	0.00190 J	R	< 0.00217 U	0.119
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	2.15 J	0.67 J	0.0118	0.00272 J	0.00366	1.02
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.325 J	0.0812 J	0.00263	0.000464 J	0.000692 J	0.0673
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.709 J	0.135 J	0.00658	0.00214 J	0.00116 J	0.22
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.87 J	0.512 J	0.0116	0.00287 J	0.00253	1.01
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.74 J	0.543 J	0.0027	0.00202 J	< 0.00217 U	0.472
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.227 J	0.0679 J	0.00197 J	0.000497 J	0.000654 J	0.235
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.7 J	0.576 J	0.00514	0.00186 J	0.00126 J	1.07
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.692 J	0.19 J	0.00276	0.00101 J	< 0.00217 U	0.291
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.16 J	0.272 J	0.00569	0.00313 J	0.00142 J	0.337
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	2.68 J	0.822 J	0.00659	0.00243 J	0.00148 J	0.822
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.5 J	0.474 J	0.00592	0.00222 J	< 0.00217 U	0.666
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.341 J	0.104 J	0.00156 J	0.000592 J	< 0.00217 U	0.255
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.74 J	0.584 J	0.00316	0.00150 J	< 0.00217 U	0.713
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	1.09 J	0.324 J	0.00371	0.00158 J	< 0.00217 U	0.591
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.03 J	0.255 J	0.00347	0.00139 J	0.00102 J	0.328
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	4.47 J	0.926 J	0.00436	0.00251 J	0.000758 J	0.571
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.985 J	0.308 J	< 0.00221 U	R	< 0.00217 U	0.73
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.257 J	0.0747 J	0.00129 J	0.000526 J	< 0.00217 U	0.159
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.32 J	0.427 J	0.00288	0.00135 J	< 0.00217 U	0.604
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.788 J	0.2 J	0.00252	0.00144 J	< 0.00217 U	0.303
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	9.42 J	1.36 J	0.00316	0.00246 J	< 0.00217 U	0.276
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.704 J	0.235 J	0.00388	0.00166 J	0.000748 J	1.09
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.0654 J	0.0246 J	< 0.00221 U	R	< 0.00217 U	0.419
Dibenzofuran	2.1	18	180	110	mg/kg	0.0289 J	0.0174 J	< 0.00221 U	R	< 0.00217 U	0.077
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.0318 J	0.0126 J	0.00166 J	0.000328 J	< 0.00217 U	0.0896
Fluoranthene	85	100	500	1000	mg/kg	0.63 J	0.227 J	0.00679	0.00180 J	0.00127 J	2.44
Fluorene	30	100	500	386	mg/kg	0.35 J	0.0792 J	0.00427	0.00106 J	0.000971 J	0.0615
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.124 J	0.0495 J	0.00138 J	0.000809 J	< 0.00217 U	**1.15**
Naphthalene	12	100	500	12	mg/kg	0.514 J	0.0923 J	0.0114	0.0102 J	0.00778	0.183
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.0488 J	0.0288 J	0.00494	0.00104 J	0.000653 J	0.363
Phenanthrene	1.1	4.9	47	1000	mg/kg	**1.72 J**	0.353 J	0.0174	0.00394 J	0.0031	**1.56**
Pyrene	64	100	500	1000	mg/kg	1.67 J	0.559 J	0.011	0.00300 J	0.00180 J	2.45
Retene	NSL	NSL	NSL	NSL	mg/kg	29.8 J	3.54 J	0.00398	0.00298 J	0.000984 J	< 0.0318 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-07
					Coordinates (Northing, Easting)	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	202945.372, 995503.734
					Sample Name	224402-SB-PR-06-09-11	224402-SB-PR-DUP-02	224402-SB-PR-06-30-32	224402-SB-PR-06-AR-43-43.5	224402-SB-PR-06-68-70	SB-PR-07-00-0.5
					Depth Range (ft bgs)	9 - 11	9 - 11	30 - 32	43 - 43.5	68 - 70	0 - 0.5
					Parent Sample ID		224402-SB-PR-06-09-11				
					Sample Date	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/8/2025
					Forensics Screening (Y/N)	N	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	NA	NA	Y	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring	1					3
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	6720	7010	5240	--	2570	3980
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.45 UJ	< 4.56 UJ	< 4.35 UJ	--	< 4.28 UJ	< 4.6 UJ
Arsenic	13	16	16	16	mg/kg	2.62	2.13	2.38	--	0.87	**39.1**
Barium	410	410	410	820	mg/kg	39.4	42.8	33.7	--	20.3	125
Beryllium	4.4	43	670	47	mg/kg	0.363 J	0.400 J	0.181 J	--	0.165 J	0.192 J
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.89 U	< 0.912 U	0.280 J	--	< 0.856 U	1.04
Calcium	NSL	NSL	NSL	NSL	mg/kg	994	882	1770	--	8140	9410
Chromium, Hexavalent	1	1	11	19	mg/kg	1.2 U	< 0.9 U	< 0.35 U	--	< 0.34 U	< 1.8 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	10.5	14.4	7.68	--	5.56	10.7
Cobalt	NSL	NSL	NSL	NSL	mg/kg	4.94	6	6.09	--	4.27	5.7
Copper	50	280	280	1720	mg/kg	9.64	14.8	14.2	--	6.6	**68.7**
Cyanide	2.3	13	28	40	mg/kg	< 0.56 U	< 0.55 U	< 0.53 U	--	< 0.5 U	< 0.54 U
Iron	NSL	NSL	NSL	NSL	mg/kg	12500	15900	18200	--	14800	30700
Lead	63	400	1000	450	mg/kg	17.7	15.6	4.54	--	2.20 J	**379**
Magnesium	NSL	NSL	NSL	NSL	mg/kg	1800	2030	2400	--	5490	2190 J
Manganese	1600	2000	10000	2000	mg/kg	456	370	151	--	1580	201 J
Mercury	0.18	0.3	1.1	0.73	mg/kg	0.072 J	< 0.079 U	< 0.073 U	--	< 0.073 U	**1.21**
Nickel	30	320	320	130	mg/kg	9.72	10.7	9.76	--	6.66	17
Potassium	NSL	NSL	NSL	NSL	mg/kg	496	872	910	--	575	457
Selenium	3.9	110	1700	4	mg/kg	0.330 J	< 1.82 U	0.286 J	--	< 1.71 U	< 1.84 U
Silver	2	110	1700	8.3	mg/kg	< 0.445 U	< 0.456 U	< 0.435 U	--	< 0.428 U	< 0.46 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	< 178 U	< 182 U	259 J	--	211 J	165 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.78 U	< 1.82 U	< 1.74 U	--	< 1.71 U	< 1.84 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	15.8	24	12.9	--	7.95	49.4
Zinc	109	6600	10000	2480	mg/kg	36.2	32.2	30.8	--	13.4	**326**
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.98 U	< 4.99 U	--	--	--	< 4.98 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.98 U	< 4.99 U	--	--	--	< 4.98 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.996 UJ	< 0.997 UJ	--	--	--	< 0.995 UJ
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.99 U	--	--	--	< 1.99 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.99 U	--	--	--	< 1.99 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.399 U	--	--	--	< 0.398 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.399 U	--	--	--	< 0.398 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.399 U	--	--	--	< 0.398 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.399 U	--	--	--	< 0.398 U
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.798 U	--	--	--	< 0.796 U
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	0.115 J
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-06	SB-PR-07
					Coordinates (Northing, Easting)	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	203197.181, 995382.926	202945.372, 995503.734
					Sample Name	224402-SB-PR-06-09-11	224402-SB-PR-DUP-02	224402-SB-PR-06-30-32	224402-SB-PR-06-AR-43-43.5	224402-SB-PR-06-68-70	SB-PR-07-00-0.5
					Depth Range (ft bgs)	9 - 11	9 - 11	30 - 32	43 - 43.5	68 - 70	0 - 0.5
					Parent Sample ID		224402-SB-PR-06-09-11				
					Sample Date	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/10/2025	9/8/2025
					Forensics Screening (Y/N)	N	N	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	NA	NA	NA	Y	Y
					Forensic Evaluation (Y/N)	Y	Y	Y	N	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N	N
					Number of Archived Samples Per Boring			1			3
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	0.231
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	0.224
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	0.105 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	< 0.199 U	< 0.199 U	--	--	--	0.206
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	< 0.199 U	< 0.199 U	--	--	--	0.178 J
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.399 U	--	--	--	0.183 J
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	< 0.199 U
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.199 U	--	--	--	0.0932 J
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.059 U	< 0.058 U	< 0.057 U	--	--	< 0.058 U
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	0.033 J
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.094 U	< 0.091 U	< 0.091 U	--	--	< 0.093 U
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	--	--	--	0.033
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	4900 J	2700 J	750	1800	11000	77000
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	2270 J	541 J	11.5	2.59 J	3.94 J	2030

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07	SB-PR-07	SB-PR-07	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)
					Coordinates (Northing, Easting)	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734
					Sample Name	224402-SB-PR-07-07-09	224402-SB-PR-07-20-22	224402-SB-PR-07-AR-25-27	224402-SB-PR-07-AR-50-51	224402-SB-PR-07-58-60	224402-SB-PR-07-AR-63-65
					Depth Range (ft bgs)	7 - 9	20 - 22	25 - 27	50 - 51	58 - 60	63 - 65
					Parent Sample ID						
					Sample Date	9/10/2025	9/10/2025	9/10/2025	10/1/2025	10/1/2025	10/1/2025
					Forensics Screening (Y/N)	N	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	Y	Y	N	Y
					Number of Archived Samples Per Boring	3					
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	< 0.48 U	--	--	< 26 U	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	19 J	--
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 UJ	--
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 2.1 U	< 4.8 U	--	--	< 260 U	--
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 U	--
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.41 U	3.9	--	--	**530**	--
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 2.1 U	< 4.8 U	--	--	< 260 U	--
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	< 0.48 U	--	--	< 26 U	--
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.41 U	1.2	--	--	**160**	--
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 4.1 U	< 9.6 U	--	--	< 530 U	--
Acetone	0.03	100	500	0.03	mg/kg	< 21 U	< 48 U	--	--	< 2600 UJ	--
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.41 U	**5.2**	--	--	**1600**	--
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.96 UJ	--	--	< 53 U	--
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 U	--
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 2.1 U	< 4.8 U	--	--	< 260 U	--
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 UJ	--
Chloroform	0.37	24	180	0.37	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 U	--
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 UJ	--
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	< 0.48 U	--	--	< 26 U	--
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 U	--
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	< 0.48 U	--	--	< 26 U	--
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 U	--
Ethylbenzene	1	76	390	1	mg/kg	< 0.41 U	**6.7**	--	--	**1700**	--
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	2.3	0.20 J	--	--	12 J	--
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	6.1	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 4.1 U	< 9.6 U	--	--	< 530 U	--
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 8.3 U	< 19 U	--	--	< 1100 U	--
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 4.1 U	< 9.6 U	--	--	< 530 U	--
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	9	0.58 J	--	--	< 53 UJ	--
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 2.1 U	< 4.8 U	--	--	< 260 U	--
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	1300	--
Naphthalene	12	100	500	12	mg/kg	< 0.83 U	**65**	--	--	**9800**	--
N-Butylbenzene	18	100	500	18	mg/kg	2.3	< 0.96 U	--	--	**26 J**	--
N-Propylbenzene	5	100	500	5	mg/kg	3	0.22 J	--	--	**40 J**	--
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	2.8	--	--	600	--
Sec-Butylbenzene	25	100	500	25	mg/kg	4	< 0.96 U	--	--	< 53 U	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07	SB-PR-07	SB-PR-07	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)
					Coordinates (Northing, Easting)	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734
					Sample Name	224402-SB-PR-07-07-09	224402-SB-PR-07-20-22	224402-SB-PR-07-AR-25-27	224402-SB-PR-07-AR-50-51	224402-SB-PR-07-58-60	224402-SB-PR-07-AR-63-65
					Depth Range (ft bgs)	7 - 9	20 - 22	25 - 27	50 - 51	58 - 60	63 - 65
					Parent Sample ID						
					Sample Date	9/10/2025	9/10/2025	9/10/2025	10/1/2025	10/1/2025	10/1/2025
					Forensics Screening (Y/N)	N	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	Y	Y	N	Y
					Number of Archived Samples Per Boring	3					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.96 U	--	--	110	--
T-Butylbenzene	11	100	500	11	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Toluene	0.7	100	500	0.7	mg/kg	< 0.41 U	**5.3**	--	--	**2400**	--
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.41 U	< 0.96 U	--	--	< 53 U	--
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	< 0.48 U	--	--	< 26 U	--
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.41 U	< 0.96 U	--	--	**15 J**	--
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 U	--
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.83 U	< 1.9 U	--	--	< 110 U	--
Xylenes	0.26	100	500	1.2	mg/kg	< 0.41 U	**9**	--	--	**1900**	--
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.34	15	--	--	1300	--
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.86 U	< 0.77 U	--	--	< 15 U	--
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	4.2 J	--
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.76 U	--	--	< 15 U	--
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 UJ	< 0.39 UJ	--	--	< 7.7 U	--
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.23	26	--	--	2100 J	--
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 UJ	< 0.39 UJ	--	--	< 7.7 UJ	--
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.19 U	--	--	< 3.9 U	--
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 U	< 0.76 U	--	--	< 15 U	--
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	< 0.76 UJ	--	--	< 15 U	--
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.85 UJ	< 0.76 U	--	--	< 15 U	--
Acenaphthene	20	100	500	98	mg/kg	< 0.042 U	0.9	--	--	**66**	--
Acenaphthylene	100	100	500	365	mg/kg	< 0.042 U	8.8	--	--	**830**	--
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Anthracene	100	100	500	1000	mg/kg	0.058 U	2.8	--	--	**320**	--
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.86 U	< 0.77 U	--	--	< 15 UJ	--
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 UJ	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.12	**2.1**	--	--	**180**	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.092	**1.6**	--	--	**130**	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.092	**1.4**	--	--	**91**	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.07	0.46	--	--	**54**	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07	SB-PR-07	SB-PR-07	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)
					Coordinates (Northing, Easting)	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734
					Sample Name	224402-SB-PR-07-07-09	224402-SB-PR-07-20-22	224402-SB-PR-07-AR-25-27	224402-SB-PR-07-AR-50-51	224402-SB-PR-07-58-60	224402-SB-PR-07-AR-63-65
					Depth Range (ft bgs)	7 - 9	20 - 22	25 - 27	50 - 51	58 - 60	63 - 65
					Parent Sample ID						
					Sample Date	9/10/2025	9/10/2025	9/10/2025	10/1/2025	10/1/2025	10/1/2025
					Forensics Screening (Y/N)	N	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	Y	Y	N	Y
					Number of Archived Samples Per Boring	3					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.039 J	0.58	--	--	**32**	--
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.086 U	1.9	--	--	160	--
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 UJ	--	--	< 7.7 UJ	--
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	0.52	--	--	19	--
Chrysene	1	4.9	47	1	mg/kg	0.13	**1.8**	--	--	**160**	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.042 U	0.16	--	--	**16**	--
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.44 U	1.7	--	--	**62**	--
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Fluoranthene	85	100	500	1000	mg/kg	0.21	4.6	--	--	**350**	--
Fluorene	30	100	500	386	mg/kg	< 0.042 U	5.4	--	--	**480**	--
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 UJ	--
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.048	**0.57**	--	--	**49**	--
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Naphthalene	12	100	500	12	mg/kg	0.32	**55**	--	--	**4600**	--
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.44 UJ	< 0.39 UJ	--	--	< 7.7 U	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.15 U	**13**	--	--	**1200**	--
Phenol	0.33	100	500	0.33	mg/kg	< 0.44 U	< 0.39 U	--	--	< 7.7 U	--
Pyrene	64	100	500	1000	mg/kg	0.35	6.5	--	--	**550**	--
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.44 UJ	< 0.39 UJ	--	--	< 7.7 U	--
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	34	--	--	--	--
Acenaphthene	20	100	500	98	mg/kg	--	1	--	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	--	11	--	--	--	--
Anthracene	100	100	500	1000	mg/kg	--	4.2	--	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	**2.8**	--	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	**2.1**	--	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	**1.9**	--	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	**0.76**	--	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	0.73	--	--	--	--
Chrysene	1	4.9	47	1	mg/kg	--	**2.5**	--	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	0.28	--	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	--	6.9	--	--	--	--
Fluorene	30	100	500	386	mg/kg	--	6.2	--	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	**0.87**	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	--	**73**	--	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	**18**	--	--	--	--
Pyrene	64	100	500	1000	mg/kg	--	7.7	--	--	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07	SB-PR-07	SB-PR-07	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)
					Coordinates (Northing, Easting)	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734
					Sample Name	224402-SB-PR-07-07-09	224402-SB-PR-07-20-22	224402-SB-PR-07-AR-25-27	224402-SB-PR-07-AR-50-51	224402-SB-PR-07-58-60	224402-SB-PR-07-AR-63-65
					Depth Range (ft bgs)	7 - 9	20 - 22	25 - 27	50 - 51	58 - 60	63 - 65
					Parent Sample ID						
					Sample Date	9/10/2025	9/10/2025	9/10/2025	10/1/2025	10/1/2025	10/1/2025
					Forensics Screening (Y/N)	N	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	Y	Y	N	Y
					Number of Archived Samples Per Boring	3					
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.246	0.476	0.419 J	8.08	70.8	116
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.309	12.3	14 J	254	2110	2630
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.326	4.45	4.66 J	89.4	747	914
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.278	20.9	24 J	435	3530	4210
Acenaphthene	20	100	500	98	mg/kg	0.126	1.02	1.07 J	**99.2**	**148**	**191**
Acenaphthylene	100	100	500	365	mg/kg	0.0404 J	7.79 J	8.37 J	82.1	**1580**	**1920**
Anthracene	100	100	500	1000	mg/kg	0.13	3.92	4.04 J	81.3	**723**	**937**
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.312	**2.86**	**2.39 J**	**50.8**	**397**	**558**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.158	**1.9**	**1.92 J**	**34.3**	**256**	**365**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.216	**1.14**	**1.04 J**	**16.5**	**108**	**159**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.166	0.623	**0.663 J**	**10.1**	**70.4**	**106**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.19	1.3	1.23 J	21.4	148	204
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.207	0.906	0.858 J	14.9	109	161
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0193	1.77	1.88 J	33.2	280	347
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.405	1.52	1.44 J	31.8	269	395
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.246	1.2	1.04 J	26.2	247	323
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.604	4.81	4.18 J	99.8	899	1330
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.413	1.94	1.82 J	43.4	404	581
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.386	20.7	25.2 J	428	3510	4230
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.551	6.99	6.28 J	151	1440	2040
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.349	0.611	0.618 J	13	104	158
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.387	0.764	0.652 J	17	162	227
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.419	1.44	1.28 J	30.2	275	407
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	1.12	1.07	1.12 J	25	233	344
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.12	8.49	9.46 J	184	1450	1830
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.25	2.71	2.27 J	58.6	564	873
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.284	0.299	0.357 J	5.98	45	67.4
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.336	0.338	0.289 J	7.39	69.5	101
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.329	0.473	0.475 J	10.1	88	132
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	1.3	0.44	0.377 J	10.1	98.4	143
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	2.07	2.55	2.78 J	54.9	470	642
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.08	0.698	0.625 J	15.3	142	233
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.186	0.106	R	2.03	15.1	17.9
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.19	0.0963	0.0864 J	2.14	18.5	26.2
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.238	0.188	0.214 J	3.83	29.2	44
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	2.3	0.672	0.705 J	14.8	128	182
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.611	0.165	0.154 J	3.54	34.3	53.6
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.321	2.34	2.06 J	41.8	330	454
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.0501	0.226	0.23 J	4.27	27.6	40.6
Dibenzofuran	2.1	18	180	110	mg/kg	0.069	1.94	1.77 J	**21.1**	**114**	**176**
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.084	1.32	1.22 J	26	237	304
Fluoranthene	85	100	500	1000	mg/kg	0.611	5.3	4.27 J	82	**661**	**944**
Fluorene	30	100	500	386	mg/kg	0.155	4.54	4.33 J	**84.7**	**750**	**984**
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.144	**0.692**	**0.688 J**	**11.3**	**72.5**	**107**
Naphthalene	12	100	500	12	mg/kg	0.298	--	**62.2 J**	**1030**	**7110**	**9290**
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.0384	0.345	0.347 J	5.07	33.6	49.3
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.347	**13.7**	**12.8 J**	**264**	**2390**	**3360**
Pyrene	64	100	500	1000	mg/kg	0.727	6.1	5.14 J	**110**	**997**	**1400**
Retene	NSL	NSL	NSL	NSL	mg/kg	0.252	< 0.0216 UJ	R	< 0.267 UJ	< 2.63 UJ	< 1.9 UJ

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07	SB-PR-07	SB-PR-07	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)
					Coordinates (Northing, Easting)	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734
					Sample Name	224402-SB-PR-07-07-09	224402-SB-PR-07-20-22	224402-SB-PR-07-AR-25-27	224402-SB-PR-07-AR-50-51	224402-SB-PR-07-58-60	224402-SB-PR-07-AR-63-65
					Depth Range (ft bgs)	7 - 9	20 - 22	25 - 27	50 - 51	58 - 60	63 - 65
					Parent Sample ID						
					Sample Date	9/10/2025	9/10/2025	9/10/2025	10/1/2025	10/1/2025	10/1/2025
					Forensics Screening (Y/N)	N	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	Y	Y	N	Y
					Number of Archived Samples Per Boring	3					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	8680	7290	--	--	9350	--
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 5.1 UJ	< 4.52 UJ	--	--	< 4.83 U	--
Arsenic	13	16	16	16	mg/kg	6.46	2.25	--	--	2.21	--
Barium	410	410	410	820	mg/kg	38.8	62.1	--	--	50.4	--
Beryllium	4.4	43	670	47	mg/kg	0.566	0.408 J	--	--	0.712	--
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 1.02 U	< 0.904 U	--	--	0.078 J	--
Calcium	NSL	NSL	NSL	NSL	mg/kg	1640	852	--	--	1550	--
Chromium, Hexavalent	1	1	11	19	mg/kg	< 1 U	< 0.36 U	--	--	**1.2**	--
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	17.4	18.7	--	--	25.2	--
Cobalt	NSL	NSL	NSL	NSL	mg/kg	4.91	7.72	--	--	9.4	--
Copper	50	280	280	1720	mg/kg	20.4	22.3	--	--	24.1	--
Cyanide	2.3	13	28	40	mg/kg	< 0.59 U	< 0.56 U	--	--	< 0.49 U	--
Iron	NSL	NSL	NSL	NSL	mg/kg	22200	18800	--	--	27300	--
Lead	63	400	1000	450	mg/kg	22.9	5.98	--	--	11.4	--
Magnesium	NSL	NSL	NSL	NSL	mg/kg	2480	2940	--	--	3980	--
Manganese	1600	2000	10000	2000	mg/kg	162	461	--	--	501	--
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.096 U	< 0.078 U	--	--	< 0.081 U	--
Nickel	30	320	320	130	mg/kg	13.8	17	--	--	19.2	--
Potassium	NSL	NSL	NSL	NSL	mg/kg	815	1870	--	--	1860	--
Selenium	3.9	110	1700	4	mg/kg	0.493 J	0.301 J	--	--	< 1.93 U	--
Silver	2	110	1700	8.3	mg/kg	< 0.51 U	< 0.452 U	--	--	< 0.483 U	--
Sodium	NSL	NSL	NSL	NSL	mg/kg	< 204 U	145 J	--	--	401	--
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2.04 U	< 1.81 U	--	--	< 1.93 U	--
Vanadium	NSL	NSL	NSL	NSL	mg/kg	26.2	24.8	--	--	37	--
Zinc	109	6600	10000	2480	mg/kg	63.1	42.2	--	--	43.4	--
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.97 U	--	--	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.97 U	--	--	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.994 UJ	--	--	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	--	--	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	--	--	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	--	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	--	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	--	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	2.40 J	--	--	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.795 U	--	--	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07	SB-PR-07	SB-PR-07	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)	SB-PR-07 (Step-out)
					Coordinates (Northing, Easting)	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734	202945.372, 995503.734
					Sample Name	224402-SB-PR-07-07-09	224402-SB-PR-07-20-22	224402-SB-PR-07-AR-25-27	224402-SB-PR-07-AR-50-51	224402-SB-PR-07-58-60	224402-SB-PR-07-AR-63-65
					Depth Range (ft bgs)	7 - 9	20 - 22	25 - 27	50 - 51	58 - 60	63 - 65
					Parent Sample ID						
					Sample Date	9/10/2025	9/10/2025	9/10/2025	10/1/2025	10/1/2025	10/1/2025
					Forensics Screening (Y/N)	N	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	Y	Y	N	Y
					Number of Archived Samples Per Boring	3					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.0733 J	--	--	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	< 0.199 U	--	--	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	--	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	--	--	--	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.064 U	--	--	--	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.099 U	--	--	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	--	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	5300	980	1000	12000	44000	55000
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	2630	468	553 J	10700	98800	127000

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07 (Step-out)	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202945.372, 995503.734	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-07-68-70	SB-PR-08-00-0.5	224402-SB-PR-08-10-16	224402-SB-PR-08-AR-30-30.5	224402-SB-PR-08-AR-39.5-40	224402-SB-PR-08-48-50
					Depth Range (ft bgs)	68 - 70	0 - 0.5	10 - 16	30 - 30.5	39.5 - 40	48 - 50
					Parent Sample ID						
					Sample Date	10/1/2025	9/8/2025	9/9/2025	9/9/2025	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring	3	3				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00099 U	< 0.00089 U	< 0.14 U	--	--	< 34 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0099 U	< 0.0089 U	< 0.27 U	--	--	< 68 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.004 U	< 0.0035 U	< 0.27 U	--	--	< 68 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 1.4 U	--	--	< 340 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.55 U	--	--	< 140 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.002 U	< 0.0018 U	**6.8**	--	--	**130**
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 1.4 U	--	--	< 340 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00099 U	< 0.00089 U	< 0.14 U	--	--	< 34 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.002 U	< 0.0018 U	**3.9**	--	--	**49 J**
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.018 U	< 2.7 U	--	--	< 680 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.099 UJ	< 0.089 UJ	< 14 U	--	--	< 3400 U
Benzene	0.06	3.7	20	0.06	mg/kg	0.0056	0.0026	< 0.27 U	--	--	**110**
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0099 UJ	< 0.0089 UJ	< 1.4 U	--	--	< 340 U
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.018 U	< 1.4 U	--	--	< 340 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.018 U	< 0.55 U	--	--	< 140 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.004 U	< 0.0035 U	< 0.55 U	--	--	< 140 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0099 U	< 0.0089 U	< 0.55 UJ	--	--	< 140 UJ
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00099 U	< 0.00089 U	< 0.14 U	--	--	< 34 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0099 U	< 0.0089 U	3.5	--	--	< 140 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	0.94	--	--	< 68 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00099 U	< 0.00089 U	< 0.14 U	--	--	< 34 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.018 U	< 0.55 U	--	--	< 140 U
Ethylbenzene	1	76	390	1	mg/kg	0.0027	< 0.0018 U	**2**	--	--	**83**
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	2.6	--	--	< 68 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.0035 U	4.2	--	--	250
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 2.7 U	--	--	< 680 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.04 U	< 0.035 U	< 5.5 U	--	--	< 1400 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.018 U	< 2.7 U	--	--	< 680 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	21	--	--	< 68 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.02 U	< 0.018 U	< 1.4 U	--	--	< 340 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	0.0021 J	--	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.022	< 0.0035 U	**15**	--	--	**3400**
N-Butylbenzene	18	100	500	18	mg/kg	< 0.002 U	< 0.0018 U	1.1	--	--	< 68 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.002 U	< 0.0018 U	2.3	--	--	< 68 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	0.0011 J	< 0.0018 U	2	--	--	110
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.002 U	< 0.0018 U	1.6	--	--	< 68 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07 (Step-out)	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202945.372, 995503.734	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-07-68-70	SB-PR-08-00-0.5	224402-SB-PR-08-10-16	224402-SB-PR-08-AR-30-30.5	224402-SB-PR-08-AR-39.5-40	224402-SB-PR-08-48-50
					Depth Range (ft bgs)	68 - 70	0 - 0.5	10 - 16	30 - 30.5	39.5 - 40	48 - 50
					Parent Sample ID						
					Sample Date	10/1/2025	9/8/2025	9/9/2025	9/9/2025	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring	3	3				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	240
T-Butylbenzene	11	100	500	11	mg/kg	< 0.002 U	< 0.0018 U	0.20 J	--	--	< 68 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.004 U	< 0.0035 U	< 0.27 U	--	--	< 68 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 UJ	--	--	< 68 UJ
Toluene	0.7	100	500	0.7	mg/kg	0.0055	< 0.0018 U	0.56	--	--	**290**
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00099 U	< 0.00089 U	< 0.14 U	--	--	< 34 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.002 U	< 0.0018 U	< 0.27 U	--	--	< 68 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0099 U	< 0.0089 U	< 0.55 U	--	--	< 140 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0099 UJ	< 0.0089 UJ	< 0.55 U	--	--	< 140 U
Xylenes	0.26	100	500	1.2	mg/kg	0.0021	< 0.0018 U	**6.2**	--	--	**360**
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.45	0.051	0.011 J	--	--	490
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.82 U	< 0.77 U	< 0.8 U	--	--	< 7.7 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.81 U	< 0.75 U	< 0.78 U	--	--	< 7.6 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.68	0.094	< 0.039 U	--	--	830
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.42 UJ	< 0.39 UJ	< 0.4 UJ	--	--	< 3.9 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	< 0.19 U	< 0.2 U	--	--	< 2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.81 U	< 0.75 U	< 0.78 U	--	--	< 7.6 UJ
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.81 U	< 0.75 UJ	< 0.78 UJ	--	--	< 7.6 UJ
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.81 U	< 0.75 UJ	< 0.78 UJ	--	--	< 7.6 UJ
Acenaphthene	20	100	500	98	mg/kg	0.049	0.064	< 0.039 U	--	--	**34**
Acenaphthylene	100	100	500	365	mg/kg	0.34	0.042	< 0.039 U	--	--	**340**
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Anthracene	100	100	500	1000	mg/kg	0.25	0.27	< 0.039 U	--	--	93
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.82 UJ	< 0.77 U	< 0.8 U	--	--	< 7.7 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.42 UJ	< 0.39 UJ	< 0.4 UJ	--	--	< 3.9 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.19	1	< 0.039 U	--	--	**56**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.13	0.97	< 0.039 U	--	--	**43**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.1	**1.3**	< 0.039 U	--	--	**33**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.040 J	**0.82**	< 0.039 U	--	--	**14**

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07 (Step-out)	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202945.372, 995503.734	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-07-68-70	SB-PR-08-00-0.5	224402-SB-PR-08-10-16	224402-SB-PR-08-AR-30-30.5	224402-SB-PR-08-AR-39.5-40	224402-SB-PR-08-48-50
					Depth Range (ft bgs)	68 - 70	0 - 0.5	10 - 16	30 - 30.5	39.5 - 40	48 - 50
					Parent Sample ID						
					Sample Date	10/1/2025	9/8/2025	9/9/2025	9/9/2025	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring	3			3		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.038 J	0.46	< 0.039 U	--	--	**13**
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.092	< 0.077 U	< 0.08 U	--	--	59
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.42 UJ	< 0.39 UJ	< 0.4 UJ	--	--	< 3.9 UJ
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.21 U	0.070 J	< 0.2 U	--	--	4.9
Chrysene	1	4.9	47	1	mg/kg	0.18	0.9	< 0.039 U	--	--	**51**
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.04 U	0.17	< 0.039 U	--	--	**4.7**
Dibenzofuran	2.1	18	180	110	mg/kg	0.059 J	0.083 J	< 0.4 U	--	--	**20**
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Fluoranthene	85	100	500	1000	mg/kg	0.35	2.3	< 0.039 U	--	--	**110**
Fluorene	30	100	500	386	mg/kg	0.36	0.09	< 0.039 U	--	--	**160**
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 UJ	< 0.39 UJ	< 0.4 UJ	--	--	< 3.9 UJ
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.04	**0.72**	< 0.039 U	--	--	**15**
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Naphthalene	12	100	500	12	mg/kg	0.67	0.11	< 0.039 U	--	--	**2100**
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.42 U	< 0.39 UJ	< 0.4 U	--	--	< 3.9 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	**1.2**	**1.4**	< 0.039 U	--	--	**370**
Phenol	0.33	100	500	0.33	mg/kg	< 0.42 U	< 0.39 U	< 0.4 U	--	--	< 3.9 U
Pyrene	64	100	500	1000	mg/kg	0.5	2	< 0.039 U	--	--	**170**
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.42 U	< 0.39 UJ	< 0.4 UJ	--	--	< 3.9 UJ
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.89	0.094	--	--	--	--
Acenaphthene	20	100	500	98	mg/kg	0.06	0.064	--	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.47	0.042	--	--	--	--
Anthracene	100	100	500	1000	mg/kg	0.23	0.27	--	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.18	1	--	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.12	0.97	--	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.1	**1.3**	--	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.048	**0.82**	--	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.036 J	0.46	--	--	--	--
Chrysene	1	4.9	47	1	mg/kg	0.15	0.9	--	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.041 U	0.17	--	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.35	2.3	--	--	--	--
Fluorene	30	100	500	386	mg/kg	0.41	0.09	--	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.049	**0.72**	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	1.3	0.11	--	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	1.1	**1.4**	--	--	--	--
Pyrene	64	100	500	1000	mg/kg	0.53	2	--	--	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07 (Step-out)	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202945.372, 995503.734	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-07-68-70	SB-PR-08-00-0.5	224402-SB-PR-08-10-16	224402-SB-PR-08-AR-30-30.5	224402-SB-PR-08-AR-39.5-40	224402-SB-PR-08-48-50
					Depth Range (ft bgs)	68 - 70	0 - 0.5	10 - 16	30 - 30.5	39.5 - 40	48 - 50
					Parent Sample ID						
					Sample Date	10/1/2025	9/8/2025	9/9/2025	9/9/2025	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring	3	3				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0338 J	0.0135 J	0.0413	10.3	8.66	9.74
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.783 J	0.0627	0.139	408	362	337
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.299 J	0.0477	0.164	120	106	105
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.22 J	0.124	0.182	837	704	680
Acenaphthene	20	100	500	98	mg/kg	0.0694 J	0.0498	0.036	**28.4**	**27**	**26.6**
Acenaphthylene	100	100	500	365	mg/kg	0.424 J	0.113	0.22	**308**	**281**	**258**
Anthracene	100	100	500	1000	mg/kg	0.367 J	0.281	0.138	**115**	**107**	**105**
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.249 J	**1.01**	0.207	**61.6**	**61**	**54.5**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.2 J	0.864	0.391	**42.3**	**40.4**	**35.4**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.0918 J	0.797	0.34	**17.9**	**16.4**	**14.8**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.0702 J	**0.877**	0.501	**12.2**	**11.6**	**9.96**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.117 J	0.692	0.233	26.2	26.7	23.8
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.0969 J	0.608	0.25	17.6	16.4	14.8
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.129 J	0.0205	0.028	54.8	49.3	45.4
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.205 J	0.41	0.109	36	35.3	33.4
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.162 J	0.0479	0.0452	36.7	32.9	33.6
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.572 J	0.657	0.234	135	120	119
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.226 J	0.0271	0.0605	55.1	49.2	50.9
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.39 J	0.122	0.203	827	696	673
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.885 J	0.537	0.26	192	172	178
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.0805 J	0.237	0.0567	12.6	11.7	11.6
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.111 J	0.0685	0.0392	20.2	18.1	19.5
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.184 J	0.712	0.116	34	30.2	32.2
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.138 J	0.0644	0.0976	24	21.2	24.2
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.668 J	0.111	0.309	228	202	202
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.396 J	0.321	0.184	62.8	56.3	61.1
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.0317 J	0.337	0.0576	4.88	4.52	4.55
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0456 J	0.0598	0.026	7.9	7.1	7.93
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0529 J	0.351	0.0539	9.08	8.11	9.29
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0820 J	0.154 J	0.107	9.55	8.85	10.1
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.261 J	0.0985	0.274	56.6	52	54.4
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.114 J	0.18	0.0854	13.9	12.5	14.6
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0126 J	0.398	0.0305	1.81	1.69	1.52
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0132 J	0.0416	0.0138	2.05	1.91	2.13
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0199 J	0.25	0.0342	2.87	2.63	2.99
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0854 J	0.0728	0.193	12.9	11.5	13.4
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0248 J	0.0848	0.037	2.7	2.47	2.89
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.24 J	1	0.218	51.8	50.9	45.6
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.0259 J	0.254	0.095	4.44	4.11	3.6
Dibenzofuran	2.1	18	180	110	mg/kg	0.0702 J	0.0436	0.0279	**21.8**	**17.8**	**17.9**
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.134 J	0.0623	0.0342	41	37.3	36.2
Fluoranthene	85	100	500	1000	mg/kg	0.39 J	2.23	0.374	**112**	**101**	**97.2**
Fluorene	30	100	500	386	mg/kg	0.381 J	0.042	0.0714	**144**	**132**	**124**
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.0691 J	**0.782**	**0.508**	**13**	**12**	**10.7**
Naphthalene	12	100	500	12	mg/kg	2.26 J	0.147	0.215	**2170**	**1760**	**1660**
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.0526 J	0.251	0.201	5.52	5.17	4.58
Phenanthrene	1.1	4.9	47	1000	mg/kg	**1.34 J**	**1.17**	0.379	**376**	**341**	**330**
Pyrene	64	100	500	1000	mg/kg	0.58 J	2.01	0.423	**162**	**147**	**142**
Retene	NSL	NSL	NSL	NSL	mg/kg	R	0.0143 J	0.00931	< 0.364 UJ	< 0.38 U	< 0.263 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	**SB-PR-07 (Step-out)**	**SB-PR-08**	**SB-PR-08**	**SB-PR-08**	**SB-PR-08**	**SB-PR-08**
					Coordinates (Northing, Easting)	**202945.372, 995503.734**	**202817.543, 995667.57**	**202817.543, 995667.57**	**202817.543, 995667.57**	**202817.543, 995667.57**	**202817.543, 995667.57**
					Sample Name	**224402-SB-PR-07-68-70**	**SB-PR-08-00-0.5**	**224402-SB-PR-08-10-16**	**224402-SB-PR-08-AR-30-30.5**	**224402-SB-PR-08-AR-39.5-40**	**224402-SB-PR-08-48-50**
					Depth Range (ft bgs)	**68 - 70**	**0 - 0.5**	**10 - 16**	**30 - 30.5**	**39.5 - 40**	**48 - 50**
					Parent Sample ID						
					Sample Date	**10/1/2025**	**9/8/2025**	**9/9/2025**	**9/9/2025**	**9/9/2025**	**9/9/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**Y**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**	**N**
					Number of Archived Samples Per Boring	**3**	**3**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	1630 J	5640	6060	--	--	2520
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 5.85 UJ	< 4.42 UJ	< 4.59 UJ	--	--	< 4.4 UJ
Arsenic	13	16	16	16	mg/kg	1.85	9.24	1.81	--	--	2.67
Barium	410	410	410	820	mg/kg	8.54	152	40	--	--	17.6
Beryllium	4.4	43	670	47	mg/kg	0.119 J	0.262 J	0.352 J	--	--	0.290 J
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 1.17 U	0.414 J	< 0.918 U	--	--	< 0.879 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	382 J	8250	2210	--	--	351
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.98 U	< 0.86 U	< 0.93 U	--	--	< 0.9 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	4.43	16	13.8	--	--	9.88
Cobalt	NSL	NSL	NSL	NSL	mg/kg	2.22 J	6.85	5.44	--	--	5.31
Copper	50	280	280	1720	mg/kg	5.66	**57.9**	21.1	--	--	9.79
Cyanide	2.3	13	28	40	mg/kg	< 0.56 U	< 0.54 U	< 0.52 U	--	--	--
Iron	NSL	NSL	NSL	NSL	mg/kg	5880	20300	18200	--	--	20000
Lead	63	400	1000	450	mg/kg	1.46 J	**269**	23.3	--	--	4.53
Magnesium	NSL	NSL	NSL	NSL	mg/kg	746	2110 J	1880	--	--	757
Manganese	1600	2000	10000	2000	mg/kg	88.7	268 J	384	--	--	219
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.078 U	**0.542**	0.082 J	--	--	< 0.095 U
Nickel	30	320	320	130	mg/kg	3.96	12.4	10.7	--	--	8.56
Potassium	NSL	NSL	NSL	NSL	mg/kg	327	697	799	--	--	436
Selenium	3.9	110	1700	4	mg/kg	< 2.34 U	< 1.77 U	< 1.84 U	--	--	< 1.76 U
Silver	2	110	1700	8.3	mg/kg	< 0.585 U	< 0.442 U	< 0.459 U	--	--	0.290 J
Sodium	NSL	NSL	NSL	NSL	mg/kg	< 234 U	< 177 U	106 J	--	--	170 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2.34 U	< 1.77 U	< 1.84 U	--	--	< 1.76 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	7.52	28.9	20.9	--	--	16.2
Zinc	109	6600	10000	2480	mg/kg	8.92	**219**	39.2	--	--	16.1
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.91 U	< 4.95 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.91 U	< 4.95 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.982 UJ	< 0.99 U	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.96 U	< 1.98 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.96 U	< 1.98 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.393 U	< 0.396 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.393 U	< 0.396 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.393 U	< 0.396 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.393 U	< 0.396 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.786 U	< 0.792 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-07 (Step-out)	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202945.372, 995503.734	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-07-68-70	SB-PR-08-00-0.5	224402-SB-PR-08-10-16	224402-SB-PR-08-AR-30-30.5	224402-SB-PR-08-AR-39.5-40	224402-SB-PR-08-48-50
					Depth Range (ft bgs)	68 - 70	0 - 0.5	10 - 16	30 - 30.5	39.5 - 40	48 - 50
					Parent Sample ID						
					Sample Date	10/1/2025	9/8/2025	9/9/2025	9/9/2025	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring	3	3				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	0.0872 J	< 0.198 U	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.393 U	< 0.396 U	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.196 U	< 0.198 U	--	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	< 0.056 U	< 0.06 U	--	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	0.039 J	< 0.094 U	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.09 U	< 0.094 U	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	0.039	--	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	5800	26000	3100	12000 J	16000 J	8300 J
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	55.7 J	821	281	15700	13000	12100 J

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-08-AR-65-65.5	224402-SB-PR-08-68-70
					Depth Range (ft bgs)	65 - 65.5	68 - 70
					Parent Sample ID		
					Sample Date	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	N	N
					Passed Forensic Screening (Y/N)	NA	NA
					Forensic Evaluation (Y/N)	Y	Y
					Archived Sample (Y/N)	Y	N
					Number of Archived Samples Per Boring	3	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**		
VOCs (TCL VOCs 8260D)							
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	--	< 0.17 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.085 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	--	< 0.17 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	--	< 0.17 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.85 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.34 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	--	0.41
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.85 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.085 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	--	< 0.17 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	--	< 0.17 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	--	0.16 J
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	--	< 0.17 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	--	< 0.17 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	--	< 1.7 U
Acetone	0.03	100	500	0.03	mg/kg	--	< 8.5 U
Benzene	0.06	3.7	20	0.06	mg/kg	--	**1.6**
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.85 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	--	< 0.85 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	--	< 0.17 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	--	< 0.17 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.34 U
Chloroform	0.37	24	180	0.37	mg/kg	--	< 0.34 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.34 UJ
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	--	< 0.17 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.085 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.34 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.085 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.34 U
Ethylbenzene	1	76	390	1	mg/kg	--	0.77
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	1.1
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	--	< 1.7 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	--	< 3.4 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	--	< 1.7 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.17 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	--	< 0.85 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	--	--
Naphthalene	12	100	500	12	mg/kg	--	7.7 J
N-Butylbenzene	18	100	500	18	mg/kg	--	< 0.17 U
N-Propylbenzene	5	100	500	5	mg/kg	--	0.024 J
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	--	0.53
Sec-Butylbenzene	25	100	500	25	mg/kg	--	< 0.17 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	**SB-PR-08**	**SB-PR-08**
					Coordinates (Northing, Easting)	**202817.543, 995667.57**	**202817.543, 995667.57**
					Sample Name	**224402-SB-PR-08-AR-65-65.5**	**224402-SB-PR-08-68-70**
					Depth Range (ft bgs)	**65 - 65.5**	**68 - 70**
					Parent Sample ID		
					Sample Date	**9/9/2025**	**9/9/2025**
					Forensics Screening (Y/N)	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**
					Archived Sample (Y/N)	**Y**	**N**
					Number of Archived Samples Per Boring	**3**	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**		
Styrene	NSL	NSL	NSL	NSL	mg/kg	--	0.78
T-Butylbenzene	11	100	500	11	mg/kg	--	< 0.17 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	--	< 0.17 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	--	< 0.17 UJ
Toluene	0.7	100	500	0.7	mg/kg	--	**1.3**
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	--	< 0.17 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.085 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	--	< 0.17 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.34 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	--	< 0.34 U
Xylenes	0.26	100	500	1.2	mg/kg	--	**1.6**
SVOCs (TCL SVOCs 8270E)							
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	3.5 J
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.79 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.78 UJ
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	6
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	--	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 UJ
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.78 UJ
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	--	< 0.78 UJ
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	--	< 0.78 UJ
Acenaphthene	20	100	500	98	mg/kg	--	0.31
Acenaphthylene	100	100	500	365	mg/kg	--	3.1 J
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Anthracene	100	100	500	1000	mg/kg	--	1.1 J
Atrazine	NSL	NSL	NSL	NSL	mg/kg	--	< 0.79 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	0.71
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	0.52
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	0.43
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	0.19

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-08-AR-65-65.5	224402-SB-PR-08-68-70
					Depth Range (ft bgs)	65 - 65.5	68 - 70
					Parent Sample ID		
					Sample Date	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	N	N
					Passed Forensic Screening (Y/N)	NA	NA
					Forensic Evaluation (Y/N)	Y	Y
					Archived Sample (Y/N)	Y	N
					Number of Archived Samples Per Boring	3	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**		
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	0.16
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	0.52 J
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 UJ
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	--	0.074 J
Chrysene	1	4.9	47	1	mg/kg	--	0.59
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	0.065
Dibenzofuran	2.1	18	180	110	mg/kg	--	0.20 J
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Fluoranthene	85	100	500	1000	mg/kg	--	1.4 J
Fluorene	30	100	500	386	mg/kg	--	1.8 J
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	--	< 0.4 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	--	R
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	0.18
Isophorone	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Naphthalene	12	100	500	12	mg/kg	--	12
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	--	< 0.4 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	**4.5 J**
Phenol	0.33	100	500	0.33	mg/kg	--	< 0.4 U
Pyrene	64	100	500	1000	mg/kg	--	2.3 J
Pyridine	NSL	NSL	NSL	NSL	mg/kg	--	< 0.4 UJ
SVOCs (SVOCs 8270E SIM - Priority PAHs)							
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	--
Acenaphthene	20	100	500	98	mg/kg	--	--
Acenaphthylene	100	100	500	365	mg/kg	--	--
Anthracene	100	100	500	1000	mg/kg	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	--
Chrysene	1	4.9	47	1	mg/kg	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	--
Fluoranthene	85	100	500	1000	mg/kg	--	--
Fluorene	30	100	500	386	mg/kg	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	--
Naphthalene	12	100	500	12	mg/kg	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	--
Pyrene	64	100	500	1000	mg/kg	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-08-AR-65-65.5	224402-SB-PR-08-68-70
					Depth Range (ft bgs)	65 - 65.5	68 - 70
					Parent Sample ID		
					Sample Date	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	N	N
					Passed Forensic Screening (Y/N)	NA	NA
					Forensic Evaluation (Y/N)	Y	Y
					Archived Sample (Y/N)	Y	N
					Number of Archived Samples Per Boring	3	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**		
SVOCs SIM (SVOCs 8270E SIM(M))							
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.22	0.793
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	51	26.9
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	15.9	8.66
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	110	54.2
Acenaphthene	20	100	500	98	mg/kg	4.05	2.22
Acenaphthylene	100	100	500	365	mg/kg	38.8	21.3
Anthracene	100	100	500	1000	mg/kg	15.5	8.94
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**8.79**	**4.82**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**5.88**	**3.07**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**2.57**	**1.32 J**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**1.74**	**0.914**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	3.75	2.07
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	2.51	1.3
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	6.96	3.83
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	5.29	2.85
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	5.3	2.94
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	18.7	10.2
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	7.84	4.32
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	110	53.9
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	27.4	15.2
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.93	0.983
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	3.03	1.66
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	4.93	2.66
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	3.59	1.84
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	30.7	16.6
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	9.3	5.06
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.756	0.364
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	1.21	0.655
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.35	0.724
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	1.53	0.845
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	8.24	4.44
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	2.14	1.16
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.249	0.144
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.33	0.163
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.441	0.24
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.99	1.07
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.483	0.236
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	7.45	4.02
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.611	0.325
Dibenzofuran	2.1	18	180	110	mg/kg	**2.97**	1.54
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	5.69	3.21
Fluoranthene	85	100	500	1000	mg/kg	15.6	8.74
Fluorene	30	100	500	386	mg/kg	19.2	11.1
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**1.82**	**0.956 J**
Naphthalene	12	100	500	12	mg/kg	**270**	**115**
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.867	0.404
Phenanthrene	1.1	4.9	47	1000	mg/kg	**52**	**29.3**
Pyrene	64	100	500	1000	mg/kg	22.4	12.5
Retene	NSL	NSL	NSL	NSL	mg/kg	0.193 J	< 0.0251 U

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-08-AR-65-65.5	224402-SB-PR-08-68-70
					Depth Range (ft bgs)	65 - 65.5	68 - 70
					Parent Sample ID		
					Sample Date	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	N	N
					Passed Forensic Screening (Y/N)	NA	NA
					Forensic Evaluation (Y/N)	Y	Y
					Archived Sample (Y/N)	Y	N
					Number of Archived Samples Per Boring	3	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**		
Metals (SW6010D/SW7196A/SW7471B/SW9014)							
Aluminum	NSL	NSL	NSL	NSL	mg/kg	--	3800
Antimony	NSL	NSL	NSL	NSL	mg/kg	--	< 4.46 UJ
Arsenic	13	16	16	16	mg/kg	--	1.76
Barium	410	410	410	820	mg/kg	--	25.4
Beryllium	4.4	43	670	47	mg/kg	--	0.264 J
Cadmium	2.5	2.5	3.7	7.5	mg/kg	--	< 0.891 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	--	970
Chromium, Hexavalent	1	1	11	19	mg/kg	--	< 0.37 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	--	10.6
Cobalt	NSL	NSL	NSL	NSL	mg/kg	--	4.64
Copper	50	280	280	1720	mg/kg	--	9.89
Cyanide	2.3	13	28	40	mg/kg	--	--
Iron	NSL	NSL	NSL	NSL	mg/kg	--	18000
Lead	63	400	1000	450	mg/kg	--	5.05
Magnesium	NSL	NSL	NSL	NSL	mg/kg	--	1170
Manganese	1600	2000	10000	2000	mg/kg	--	332
Mercury	0.18	0.3	1.1	0.73	mg/kg	--	< 0.081 U
Nickel	30	320	320	130	mg/kg	--	5.53
Potassium	NSL	NSL	NSL	NSL	mg/kg	--	564
Selenium	3.9	110	1700	4	mg/kg	--	< 1.78 U
Silver	2	110	1700	8.3	mg/kg	--	< 0.446 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	--	172 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	--	< 1.78 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	--	17.2
Zinc	109	6600	10000	2480	mg/kg	--	19.6
PFAS (E1633)							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	--

Table K-1. Former Pratt Refinery (AOI 2) Unrestriced Use Soil Analytical Results

					Location ID	SB-PR-08	SB-PR-08
					Coordinates (Northing, Easting)	202817.543, 995667.57	202817.543, 995667.57
					Sample Name	224402-SB-PR-08-AR-65-65.5	224402-SB-PR-08-68-70
					Depth Range (ft bgs)	65 - 65.5	68 - 70
					Parent Sample ID		
					Sample Date	9/9/2025	9/9/2025
					Forensics Screening (Y/N)	N	N
					Passed Forensic Screening (Y/N)	NA	NA
					Forensic Evaluation (Y/N)	Y	Y
					Archived Sample (Y/N)	Y	N
					Number of Archived Samples Per Boring	3	
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**		
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	--
1,4-Dioxane (SW8270DSIM)							
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	--
PCBs (EPA Method SW8082A)							
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	--
TOC (LLOYDKAHN)							
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	2100 J	2100 J
TPH (SW8015D)							
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	1880	842 J

Notes:
SCOs are determined by applicable land use and Table 375-6.8 (a and b) of 6 NYCRR Part 375 (December 2025).
[1]NYSDEC SCO UU = Unrestricted Use Soil Cleanup Objectives
[2]RR SCO = Restricted Residential Use Soil Cleanup Objectives
[3]COM SCO = Commercial Use Soil Cleanup Objectives
[4]PROGW SCO = Protection of Groundwater Soil Cleanup Objectives
NYCRR = New York State Register and Official Compilation of Codes, Rules, and Regulations of the State of New York
µg/kg = microgram(s) per kilogram
mg/kg = milligram(s) per kilogram
ft bgs = foot (feet) below ground surface
-- = Not analyzed.
J = Estimated value
R = Data are unusable
U = Compound was analyzed, but not detected
NSL = No screening level available
PCB = polychlorinated biphenyl
VOC = volatile organic compound
Concentrations exceeding the NYSDEC SCO UU standard are bolded.
Concentrations exceeding the NYSDEC SCO RR standard are shaded.
Concentrations exceeding the NYSDEC SCO COM standard are printed in red font.
Concentrations exceeding the NYSDEC SCO PRO GW standard are outlined.

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01
					Coordinates (Northing, Easting)	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64
					Sample Name	224402-SB-WI-01-00-0.5	224402-SB-WI-DUP-01	224402-SB-WI-01-18-20	224402-SB-WI-01-22-24	224402-SB-WI-01-AR-31-33	224402-SB-WI-01-AR-63-63.5
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	18 - 20	22 - 24	31 - 33	63 - 63.5
					Parent Sample ID		224402-SB-WI-01-00-0.5				
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	2					
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.0009 U	< 16 U	< 14 U	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.009 U	< 32 U	< 28 U	--	--
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0036 U	< 0.0036 U	< 32 U	< 28 U	--	--
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 160 U	< 140 U	--	--
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 64 U	< 56 U	--	--
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0018 U	< 0.0018 U	**150**	**13 J**	--	--
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 160 U	< 140 U	--	--
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.0009 U	< 16 U	< 14 U	--	--
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0018 U	< 0.0018 U	**55**	**7.6 J**	--	--
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.018 U	< 320 U	< 280 U	--	--
Acetone	0.03	100	500	0.03	mg/kg	< 0.089 UJ	< 0.09 UJ	< 1600 U	< 1400 U	--	--
Benzene	0.06	3.7	20	0.06	mg/kg	0.0048	0.0067	**40**	**59**	--	--
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 UJ	< 0.009 UJ	< 160 UJ	< 140 UJ	--	--
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.018 U	< 160 U	< 140 U	--	--
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.018 U	< 64 U	< 56 U	--	--
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0036 U	< 0.0036 U	< 64 U	< 56 U	--	--
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.009 U	< 64 UJ	< 56 UJ	--	--
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.0009 U	< 16 U	< 14 U	--	--
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.009 U	46 J	< 56 U	--	--
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	9.3 J	< 28 U	--	--
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.0009 U	< 16 U	< 14 U	--	--
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.018 U	< 64 U	< 56 U	--	--
Ethylbenzene	1	76	390	1	mg/kg	< 0.0018 U	< 0.0018 U	**320**	**12 J**	--	--
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	32 J	< 28 U	--	--
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 320 U	< 280 U	--	--
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.036 U	< 0.036 U	< 640 U	< 560 U	--	--
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.018 UJ	< 0.018 UJ	< 320 U	< 280 U	--	--
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	31 J	< 28 U	--	--
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.018 U	< 0.018 U	< 160 U	< 140 U	--	--
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0036 U	< 0.0036 U	260	31 J	--	--
Naphthalene	12	100	500	12	mg/kg	0.0017 J	0.0046	**3100**	**1300**	--	--
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0018 U	< 0.0018 U	6.1 J	< 28 U	--	--
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0018 U	< 0.0018 U	**17 J**	< 28 U	--	--
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	150	15 J	--	--
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01
					Coordinates (Northing, Easting)	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64
					Sample Name	224402-SB-WI-01-00-0.5	224402-SB-WI-DUP-01	224402-SB-WI-01-18-20	224402-SB-WI-01-22-24	224402-SB-WI-01-AR-31-33	224402-SB-WI-01-AR-63-63.5
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	18 - 20	22 - 24	31 - 33	63 - 63.5
					Parent Sample ID		224402-SB-WI-01-00-0.5				
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	2					
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0036 U	< 0.0036 U	< 32 U	< 28 U	--	--
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0018 U	< 0.0018 U	< 32 UJ	< 28 UJ	--	--
Toluene	0.7	100	500	0.7	mg/kg	0.0015 J	0.0019	**39**	**37**	--	--
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.0009 U	< 16 U	< 14 U	--	--
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0018 U	< 0.0018 U	< 32 U	< 28 U	--	--
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.009 U	< 64 U	< 56 U	--	--
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0089 UJ	< 0.009 UJ	< 64 U	< 56 U	--	--
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0018 U	< 0.0018 U	**410**	**46**	--	--
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.75	0.78	1300	230	--	--
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.76 U	< 1.8 U	< 13 U	--	--
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	5	60	--	--
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.75 U	< 8.9 U	< 13 U	--	--
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	< 0.39 UJ	< 4.6 UJ	< 6.5 U	--	--
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1	1	1200	460	--	--
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	2.2 J	13	--	--
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	0.066 J	0.065 J	5.2	64	--	--
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.19 U	< 0.19 U	< 2.3 U	< 3.2 U	--	--
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.75 U	< 8.9 U	< 13 U	--	--
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.75 U	< 8.9 U	< 13 U	--	--
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.75 U	< 8.9 U	< 13 U	--	--
Acenaphthene	20	100	500	98	mg/kg	0.52	0.57	**510**	**36**	--	--
Acenaphthylene	100	100	500	365	mg/kg	2.1	2	**170**	**190**	--	--
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	0.11 J	0.12 J	< 4.6 U	< 6.5 U	--	--
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	3.4 J	--	--
Anthracene	100	100	500	1000	mg/kg	2	2.2	**530**	**220**	--	--
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.77 UJ	< 0.76 UJ	< 9.1 UJ	< 13 U	--	--
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	< 0.39 UJ	< 4.6 UJ	< 6.5 UJ	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**6.5**	**8.4**	**360**	**150**	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**12**	**12**	**300**	**110**	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**11**	**12**	**270**	**120**	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**6.4**	**6.3**	**90**	**29**	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	**4.6**	**4.3**	**100**	**53**	--	--
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.22	0.2	190	54	--	--
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**
					Coordinates (Northing, Easting)	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**
					Sample Name	**224402-SB-WI-01-00-0.5**	**224402-SB-WI-DUP-01**	**224402-SB-WI-01-18-20**	**224402-SB-WI-01-22-24**	**224402-SB-WI-01-AR-31-33**	**224402-SB-WI-01-AR-63-63.5**
					Depth Range (ft bgs)	**0 - 0.5**	**0 - 0.5**	**18 - 20**	**22 - 24**	**31 - 33**	**63 - 63.5**
					Parent Sample ID		**224402-SB-WI-01-00-0.5**				
					Sample Date	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**Y**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring				**2**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	0.41	0.55	< 4.6 U	< 6.5 U	--	--
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	< 0.39 UJ	< 4.6 UJ	< 6.5 U	--	--
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.54	0.48	120	120	--	--
Chrysene	1	4.9	47	1	mg/kg	**6.9**	**8.4**	**340**	**130**	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	**1.2**	**1.5**	**29**	**8.2**	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	0.61	0.42	**230**	**200**	--	--
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Fluoranthene	85	100	500	1000	mg/kg	9	10	**880**	**360**	--	--
Fluorene	30	100	500	386	mg/kg	0.93	0.74	**610**	**230**	--	--
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**6.2**	**6.1**	**96**	**38**	--	--
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Naphthalene	12	100	500	12	mg/kg	1.9	2.2	**3700**	**2100**	--	--
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.39 U	< 0.39 U	< 4.6 U	< 6.5 U	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	**6.4**	**6.4**	**1800**	**660**	--	--
Phenol	0.33	100	500	0.33	mg/kg	0.090 J	0.075 J	**4.8**	**18**	--	--
Pyrene	64	100	500	1000	mg/kg	13	15	**810**	**320**	--	--
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.39 U	1.8 J	7.7	--	--
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.8	0.9	--	--	--	--
Acenaphthene	20	100	500	98	mg/kg	0.39	0.62	--	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	2.3	2.1	--	--	--	--
Anthracene	100	100	500	1000	mg/kg	1.3	1.7	--	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**6.4 J**	**11 J**	--	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**13 J**	**22 J**	--	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**12 J**	**21 J**	--	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**10 J**	**17 J**	--	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	**3.6 J**	**6.5 J**	--	--	--	--
Chrysene	1	4.9	47	1	mg/kg	**6.2 J**	**11 J**	--	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	**2.1**	**3.2**	--	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	7.9	12	--	--	--	--
Fluorene	30	100	500	386	mg/kg	0.48	0.64	--	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**9.5 J**	**16 J**	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	1.5	1.8	--	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	**3.4 J**	**5.7 J**	--	--	--	--
Pyrene	64	100	500	1000	mg/kg	10	16	--	--	--	--
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.15 J	0.189 J	607 J	30.2	1.14 J	< 0.0024 UJ
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.862 J	0.839 J	11300 J	586	20.6 J	0.00134 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.604 J	0.584 J	3900 J	239	8.69 J	0.000831 J
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	1.21 J	1.24 J	8470 J	1180	42.5 J	0.00209 J

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01
					Coordinates (Northing, Easting)	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64
					Sample Name	224402-SB-WI-01-00-0.5	224402-SB-WI-DUP-01	224402-SB-WI-01-18-20	224402-SB-WI-01-22-24	224402-SB-WI-01-AR-31-33	224402-SB-WI-01-AR-63-63.5
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	18 - 20	22 - 24	31 - 33	63 - 63.5
					Parent Sample ID		224402-SB-WI-01-00-0.5				
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring			2			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Acenaphthene	20	100	500	98	mg/kg	0.794 J	0.622 J	**6890 J**	**120**	4.45 J	0.000484 J
Acenaphthylene	100	100	500	365	mg/kg	3.44 J	4.97 J	**2730 J**	**606**	28.2 J	0.00293 UJ
Anthracene	100	100	500	1000	mg/kg	3.54 J	4.38 J	**8370 J**	**688**	25.7 J	0.00266 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**13 J**	**12.2 J**	**5870 J**	**473**	**26.5 J**	0.00271 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**37.4 J**	**19.1 J**	**4910 J**	**371**	**18.9 J**	0.00253 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**24.4 J**	**13 J**	**2700 J**	**258**	**13 J**	0.00190 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**45.3 J**	**14.8 J**	**2140 J**	**149**	**6.97 J**	0.00297 J
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	18.6 J	10.8 J	3170 J	277	15.2 J	0.00212 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	22.1 J	12 J	2400 J	181	9.45 J	0.00142 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.332 J	0.281 J	1710 J	180	6.84 J	< 0.0024 UJ
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	7.95 J	8.35 J	3530 J	190	8.84 J	0.00215 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.504 J	0.578 J	1400 J	46.6	2.11 J	0.00109 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	11.4 J	11.8 J	9100 J	448	27.3 J	0.00596 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.764 J	0.922 J	2830 J	141	5.58 J	0.00118 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.29 J	1.37 J	12200 J	1130	39.7 J	0.00216 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	5.66 J	6.73 J	12200 J	555	25.1 J	0.00470 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	4.47 J	4.75 J	1560 J	82.6	3.53 J	0.00264 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.619 J	0.655 J	1030 J	22.3	1.01 J	0.00148 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	6.69 J	6.33 J	3030 J	128	7.49 J	0.00290 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	1.13 J	1.32 J	1770 J	61.9	2.61 J	0.00139 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.32 J	1.41 J	8850 J	442	15.7 J	0.00263 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	4.17 J	4.59 J	5280 J	203	9.72 J	0.00284 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	4.04 J	3.6 J	876 J	64.4	2.61 J	< 0.0024 UJ
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.544 J	0.559 J	539 J	10.3	0.492 J	< 0.0024 UJ
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	3.86 J	3.46 J	1180 J	52.3	3.07 J	0.00255 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	1.26 J	1.2 J	816 J	31.5	1.11 J	< 0.0024 UJ
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.07 J	1.22 J	3270 J	156	5.62 J	0.00159 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	2.11 J	2.24 J	1630 J	66.7	3 J	0.00230 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	2.11 J	1.72 J	386 J	22.4	1.04 J	< 0.0024 UJ
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.248 J	0.292 J	189 J	4.05	0.15 J	< 0.0024 UJ
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	2.55 J	2.21 J	558 J	30.8	1.67 J	< 0.0024 UJ
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.774 J	0.911 J	955 J	41.7	1.52 J	< 0.0024 UJ
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.897 J	0.855 J	440 J	18.6	0.919 J	0.00327 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	11.7 J	11.1 J	4770 J	391	16.8 J	0.00202 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	13.8 J	4.31 J	777 J	61	2.84 J	< 0.0024 UJ
Dibenzofuran	2.1	18	180	110	mg/kg	0.524 J	0.459 J	**2950 J**	**607**	**24.7 J**	0.000883 J
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.396 J	0.413 J	1420 J	126	5.61 J	0.000812 J
Fluoranthene	85	100	500	1000	mg/kg	15 J	12.8 J	**10200 J**	**812**	57.7 J	0.00421 J
Fluorene	30	100	500	386	mg/kg	0.742 J	0.75 J	**5770 J**	**630**	27.1 J	0.00236 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**46.2 J**	**12.9 J**	**2280 J**	**180**	**8.32 J**	0.00297 J
Naphthalene	12	100	500	12	mg/kg	1.98 J	2.22 J	**24900 J**	**4930**	**189 J**	0.00713 J
Perylene	NSL	NSL	NSL	NSL	mg/kg	10.8 J	4.72 J	906 J	84.7	4.12 J	0.00523 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	**7.9 J**	**7.3 J**	**22900 J**	**1590**	**91.4 J**	0.00819 J
Pyrene	64	100	500	1000	mg/kg	21.2 J	17.9 J	**11400 J**	**642**	45.5 J	0.00499 J
Retene	NSL	NSL	NSL	NSL	mg/kg	0.245 J	R	< 0.0259 UJ	< 1.53 U	< 0.07 UJ	0.00305 J
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	5990	6410	2690	14300	--	--
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.41 UJ	< 4.45 UJ	< 5.28 UJ	< 7.38 UJ	--	--
Arsenic	13	16	16	16	mg/kg	**25.9**	**24.2**	**80.4**	**19.1**	--	--
Barium	410	410	410	820	mg/kg	112	108	18.3	90.6	--	--
Beryllium	4.4	43	670	47	mg/kg	0.304 J	0.308 J	0.748	0.778	--	--
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.894	0.657 J	0.146 J	< 1.48 U	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**	**SB-WI-01**
					Coordinates (Northing, Easting)	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**	**203296.66, 994901.64**
					Sample Name	**224402-SB-WI-01-00-0.5**	**224402-SB-WI-DUP-01**	**224402-SB-WI-01-18-20**	**224402-SB-WI-01-22-24**	**224402-SB-WI-01-AR-31-33**	**224402-SB-WI-01-AR-63-63.5**
					Depth Range (ft bgs)	**0 - 0.5**	**0 - 0.5**	**18 - 20**	**22 - 24**	**31 - 33**	**63 - 63.5**
					Parent Sample ID		**224402-SB-WI-01-00-0.5**				
					Sample Date	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**Y**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring				**2**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Calcium	NSL	NSL	NSL	NSL	mg/kg	18900 J	17900 J	2290 J	23400 J	--	--
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.91 U	< 0.91 U	< 0.43 U	**2.6 J**	--	--
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	19.9	20	4.64	34.5	--	--
Cobalt	NSL	NSL	NSL	NSL	mg/kg	6.76	6.29	5.52	10.7	--	--
Copper	50	280	280	1720	mg/kg	**69.4**	**68.1**	14.4	**60.8**	--	--
Cyanide	2.3	13	28	40	mg/kg	1.6	2.1	1.3	**29**	--	--
Iron	NSL	NSL	NSL	NSL	mg/kg	18800	16200	32300	31300	--	--
Lead	63	400	1000	450	mg/kg	**304**	**248**	15.4	**200**	--	--
Magnesium	NSL	NSL	NSL	NSL	mg/kg	6400	4860	820	7150	--	--
Manganese	1600	2000	10000	2000	mg/kg	201	232	114	510	--	--
Mercury	0.18	0.3	1.1	0.73	mg/kg	**0.53**	**0.509**	**0.195**	**2.84**	--	--
Nickel	30	320	320	130	mg/kg	18.6	18.9	13.8	26.1	--	--
Potassium	NSL	NSL	NSL	NSL	mg/kg	1660	1610	361	2860	--	--
Selenium	3.9	110	1700	4	mg/kg	0.332 J	< 1.78 U	1.14 J	0.928 J	--	--
Silver	2	110	1700	8.3	mg/kg	< 0.441 U	< 0.445 U	< 0.528 U	0.586 J	--	--
Sodium	NSL	NSL	NSL	NSL	mg/kg	414	444	2090	6450	--	--
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.76 U	< 1.78 U	< 2.11 U	< 2.95 U	--	--
Vanadium	NSL	NSL	NSL	NSL	mg/kg	24.7	24.8	9.91	38.5	--	--
Zinc	109	6600	10000	2480	mg/kg	**379**	**315**	20.5	**152**	--	--
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.88 U	< 4.89 U	< 4.95 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.88 U	< 4.89 U	< 4.95 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.976 UJ	< 0.979 UJ	< 0.989 UJ	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	0.156 J	0.121 J	< 0.198 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.95 U	< 1.96 U	< 1.98 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.95 U	< 1.96 U	< 1.98 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.391 U	< 0.396 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.391 U	< 0.396 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.391 U	< 0.396 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.391 U	< 0.396 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.78 U	< 0.783 U	< 0.792 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	0.0923 J	0.100 J	< 0.198 U	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	0.0739 J	< 0.196 U	< 0.198 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	0.140 J	< 0.198 U	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	0.109 J	0.111 J	< 0.198 U	--	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01	SB-WI-01
					Coordinates (Northing, Easting)	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64	203296.66, 994901.64
					Sample Name	224402-SB-WI-01-00-0.5	224402-SB-WI-DUP-01	224402-SB-WI-01-18-20	224402-SB-WI-01-22-24	224402-SB-WI-01-AR-31-33	224402-SB-WI-01-AR-63-63.5
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	18 - 20	22 - 24	31 - 33	63 - 63.5
					Parent Sample ID		224402-SB-WI-01-00-0.5				
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	2					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	0.145 J	0.112 J	< 0.198 U	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.85	0.756	< 0.198 U	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	**0.679**	0.614	0.0764 J	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	0.168 J	< 0.396 U	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.196 U	< 0.198 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	0.0874 J	0.0853 J	< 0.198 U	--	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.056 U	< 0.056 U	< 2.6 U	--	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.052 J	0.057 J	< 0.11 U	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.091 U	< 0.11 U	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	0.052	0.057	--	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	73000	54000	330000	56000	4700	9200
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	3200 J	1800 J	684000 J	47100	2160 J	45.9 J

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-01	SB-WI-02	SB-WI-02	SB-WI-02	SB-WI-02	SB-WI-02
					Coordinates (Northing, Easting)	203296.66, 994901.64	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937
					Sample Name	224402-SB-WI-01-67-69	224402-SB-WI-02-00-0.5	224402-SB-WI-02-05-07	224402-SB-WI-02-18-20	224402-SB-WI-02-AR-29-30	224402-SB-WI-02-AR-31-31.5
					Depth Range (ft bgs)	67 - 69	0 - 0.5	5 - 7	18 - 20	29 - 30	31 - 31.5
					Parent Sample ID						
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	N	Y	Y	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	2	2				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0025 U	< 0.001 U	< 0.00095 U	< 0.029 U	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.025 U	< 0.01 U	< 0.0095 U	< 0.057 U	--	--
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.01 U	< 0.004 U	< 0.0038 U	< 0.057 U	--	--
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.29 U	--	--
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.11 U	--	--
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.057 J	--	--
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.29 U	--	--
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.0025 U	< 0.001 U	< 0.00095 U	< 0.029 U	--	--
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.015 J	--	--
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.05 U	< 0.02 U	< 0.019 U	< 0.57 U	--	--
Acetone	0.03	100	500	0.03	mg/kg	**0.034 J**	< 0.1 UJ	< 0.095 UJ	< 2.9 U	--	--
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.005 U	0.0065	0.0022	**0.31**	--	--
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.025 UJ	< 0.01 UJ	< 0.0095 UJ	< 0.29 U	--	--
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.05 U	< 0.02 U	< 0.019 U	< 0.29 U	--	--
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.05 U	< 0.02 U	< 0.019 U	< 0.11 U	--	--
Chloroform	0.37	24	180	0.37	mg/kg	< 0.01 U	< 0.004 U	< 0.0038 U	< 0.11 U	--	--
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.025 U	< 0.01 U	< 0.0095 U	< 0.11 U	--	--
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0025 U	< 0.001 U	< 0.00095 U	< 0.029 U	--	--
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.025 U	< 0.01 U	< 0.0095 U	< 0.11 U	--	--
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	0.0047	0.0092 J	--	--
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0025 U	< 0.001 U	< 0.00095 U	< 0.029 U	--	--
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.05 U	< 0.02 U	< 0.019 U	< 0.11 U	--	--
Ethylbenzene	1	76	390	1	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.18	--	--
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.052 J	--	--
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.57 U	--	--
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.1 U	< 0.04 U	< 0.038 U	**0.20 J**	--	--
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.05 UJ	< 0.02 UJ	< 0.019 UJ	< 0.57 U	--	--
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.054 J	--	--
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.05 U	< 0.02 U	< 0.019 U	< 0.29 U	--	--
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.01 U	< 0.004 U	< 0.0038 U	0.11 J	--	--
Naphthalene	12	100	500	12	mg/kg	0.0034 J	< 0.004 U	0.0014 J	0.73	--	--
N-Butylbenzene	18	100	500	18	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.043 J	--	--
N-Propylbenzene	5	100	500	5	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.039 J	--	--
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.034 J	--	--
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.021 J	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-01	SB-WI-02	SB-WI-02	SB-WI-02	SB-WI-02	SB-WI-02
					Coordinates (Northing, Easting)	203296.66, 994901.64	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937
					Sample Name	224402-SB-WI-01-67-69	224402-SB-WI-02-00-0.5	224402-SB-WI-02-05-07	224402-SB-WI-02-18-20	224402-SB-WI-02-AR-29-30	224402-SB-WI-02-AR-31-31.5
					Depth Range (ft bgs)	67 - 69	0 - 0.5	5 - 7	18 - 20	29 - 30	31 - 31.5
					Parent Sample ID						
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	N	Y	Y	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	2	2				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
T-Butylbenzene	11	100	500	11	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.0080 J	--	--
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.01 U	< 0.004 U	< 0.0038 U	< 0.057 U	--	--
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Toluene	0.7	100	500	0.7	mg/kg	< 0.005 U	0.0016 J	0.00080 J	0.17	--	--
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0025 U	< 0.001 U	< 0.00095 U	< 0.029 U	--	--
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	< 0.057 U	--	--
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.025 U	< 0.01 U	< 0.0095 U	< 0.11 U	--	--
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.025 UJ	< 0.01 UJ	< 0.0095 UJ	< 0.11 U	--	--
Xylenes	0.26	100	500	1.2	mg/kg	< 0.005 U	< 0.002 U	< 0.0019 U	0.14	--	--
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.039 U	0.31	1.4	2.7	--	--
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.81 U	< 1.6 U	< 0.85 U	--	--
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.79 U	< 1.6 U	< 0.84 U	--	--
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.039 U	0.4	1.4	2.9	--	--
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.2 U	< 0.41 U	< 0.22 U	--	--
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.79 U	< 1.6 U	< 0.84 U	--	--
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.79 U	< 1.6 U	< 0.84 U	--	--
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.79 U	< 1.6 U	< 0.84 U	--	--
Acenaphthene	20	100	500	98	mg/kg	< 0.039 U	0.18	1	4.8	--	--
Acenaphthylene	100	100	500	365	mg/kg	< 0.039 U	0.79	1.7	0.66	--	--
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	0.061 J	0.095 J	< 0.43 U	--	--
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Anthracene	100	100	500	1000	mg/kg	< 0.039 U	0.42	1.3	3.9	--	--
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.81 U	< 1.6 U	< 0.85 U	--	--
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.41 U	< 0.82 UJ	< 0.43 UJ	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.039 U	**1.9**	**4.1**	**4.8**	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.039 U	**3.4**	**7.3**	**6.6**	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.039 U	**3.1**	**6.6**	**6.5**	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.039 U	**2.6**	**3.6**	**3.6**	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.039 U	**1.4**	**3**	**2**	--	--
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	92	< 0.43 U	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.078 U	0.1	0.3	0.44	--	--
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-01**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**
					Coordinates (Northing, Easting)	**203296.66, 994901.64**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**
					Sample Name	**224402-SB-WI-01-67-69**	**224402-SB-WI-02-00-0.5**	**224402-SB-WI-02-05-07**	**224402-SB-WI-02-18-20**	**224402-SB-WI-02-AR-29-30**	**224402-SB-WI-02-AR-31-31.5**
					Depth Range (ft bgs)	**67 - 69**	**0 - 0.5**	**5 - 7**	**18 - 20**	**29 - 30**	**31 - 31.5**
					Parent Sample ID						
					Sample Date	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**2**	**2**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	0.96	0.28 J	--	--
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	0.11 J	0.29 J	0.35	--	--
Chrysene	1	4.9	47	1	mg/kg	< 0.039 U	**2**	**4.1**	**4.9**	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.039 U	**0.43**	**0.76**	**1.4**	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.4 U	0.11 J	0.24 J	0.63	--	--
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.011 J	2	4.2	6.4	--	--
Fluorene	30	100	500	386	mg/kg	< 0.039 U	0.2	0.85	2.9	--	--
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.039 U	**2.4**	**4.1**	**3.3**	--	--
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Naphthalene	12	100	500	12	mg/kg	0.020 J	0.9	3.5	8.5	--	--
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.018 J	**1.2**	**3.9**	**4.2**	--	--
Phenol	0.33	100	500	0.33	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
Pyrene	64	100	500	1000	mg/kg	0.013 J	3.1	6.3	9.9	--	--
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.41 U	< 0.82 U	< 0.43 U	--	--
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.04 U	0.94	1.2	--	--	--
Acenaphthene	20	100	500	98	mg/kg	< 0.04 U	0.39	0.94	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.026 J	2.2	2.3	--	--	--
Anthracene	100	100	500	1000	mg/kg	0.011 J	1.2	1.7	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.04 U	**5.9**	**4.9**	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.04 U	**9.3**	**7.8**	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.04 U	**9.6**	**7.6**	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.04 U	**7.1**	**5.1**	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.04 U	**3.2**	**3.2**	--	--	--
Chrysene	1	4.9	47	1	mg/kg	< 0.04 U	**5.6**	**4.5**	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.04 U	**1.9**	**1.9**	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.012 J	6.7	7	--	--	--
Fluorene	30	100	500	386	mg/kg	< 0.04 U	0.48	1	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.04 U	**6.8**	**5.2**	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.013 J	1.9	2.8	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.014 J	**3.1**	**4.9**	--	--	--
Pyrene	64	100	500	1000	mg/kg	0.021 J	8.3	6.9	--	--	--
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.14 J	0.158 J	1.22	0.656 J	0.27 J
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.769 J	1.18 J	2.27	11.9 J	4.13 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.534 J	0.722 J	1.7	4.36 J	1.91 J
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	1.15 J	1.44 J	1.67	13.9 J	6.22 J

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-01	SB-WI-02	SB-WI-02	SB-WI-02	SB-WI-02	SB-WI-02
					Coordinates (Northing, Easting)	203296.66, 994901.64	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937	203147.78, 994943.937
					Sample Name	224402-SB-WI-01-67-69	224402-SB-WI-02-00-0.5	224402-SB-WI-02-05-07	224402-SB-WI-02-18-20	224402-SB-WI-02-AR-29-30	224402-SB-WI-02-AR-31-31.5
					Depth Range (ft bgs)	67 - 69	0 - 0.5	5 - 7	18 - 20	29 - 30	31 - 31.5
					Parent Sample ID						
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	N	Y	Y	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	Y	Y
					Number of Archived Samples Per Boring	2	2				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Acenaphthene	20	100	500	98	mg/kg	--	0.531 J	1.02 J	5.02	12.9 J	3.9 J
Acenaphthylene	100	100	500	365	mg/kg	--	3.48 J	3.73 J	0.817	2.02 J	0.38 J
Anthracene	100	100	500	1000	mg/kg	--	2.74 J	2.95 J	4.44	7.41 J	2.48 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	**6.32 J**	**5.45 J**	**4.94**	**21.5 J**	**2.41 J**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	**10.1 J**	**10.1 J**	**7.89**	**31.2 J**	**1.78 J**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	**6.94 J**	**6.55 J**	**5.49**	**20.6 J**	**1.02 J**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	**8.55 J**	**8.12 J**	**5.85**	**16.1 J**	**0.676 J**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	6.41 J	5.79 J	4.88	20.8 J	1.29 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	6.4 J	5.68 J	4.62	16.3 J	0.952 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	0.294 J	0.324 J	0.258	1.5 J	0.784 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	4.88 J	4.6 J	3.94	15.4 J	1.59 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.365 J	0.594 J	2.16	1.62 J	0.79 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	6.35 J	6.1 J	5.44	16.6 J	3.93 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.567 J	0.614 J	2.84	2.27 J	1.13 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	1.26 J	1.72 J	2.49	16.9 J	6.41 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	3.63 J	3.63 J	7.55	11.9 J	5.07 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	2.92 J	2.74 J	2.31	8.03 J	0.756 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.464 J	0.715 J	1.91	1.28 J	0.551 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	3.64 J	3.3 J	2.62	8.7 J	1.35 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.778 J	0.838 J	3.22	1.74 J	0.717 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	1.2 J	1.6 J	4.45	10.9 J	4.16 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	2.59 J	2.46 J	5.27	6.21 J	2.43 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	2.37 J	2.35 J	1.66	7.03 J	0.412 J
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.441 J	0.57 J	1.06	0.801 J	0.256 J
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	2.25 J	2 J	1.3	4.9 J	0.487 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.806 J	0.766 J	2.16	1.18 J	0.448 J
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.89 J	1.1 J	7.52	4.25 J	1.72 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	1.4 J	1.2 J	2.1	2.62 J	0.97 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	1.29 J	1.23 J	0.719	3.32 J	0.15 J
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.239 J	0.277 J	0.475	0.327 J	0.0773 J
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	1.53 J	1.32 J	0.866	3.38 J	0.22 J
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.603 J	0.772 J	3.73	1.69 J	0.599 J
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.566 J	0.51 J	0.828	1.06 J	0.839 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	5.96 J	5.15 J	4.77	17.2 J	2 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	2.51 J	2.78 J	2.02	7.42 J	0.276 J
Dibenzofuran	2.1	18	180	110	mg/kg	--	0.416 J	0.3 J	0.578	1.36 J	0.386 J
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	0.314 J	0.364 J	1.46	1.72 J	0.778 J
Fluoranthene	85	100	500	1000	mg/kg	--	7.31 J	4.84 J	5.08	14.9 J	3.77 J
Fluorene	30	100	500	386	mg/kg	--	0.69 J	0.625 J	2.68	5.39 J	2.25 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	**7.5 J**	**7.56 J**	**6.18**	**17.7 J**	**0.726 J**
Naphthalene	12	100	500	12	mg/kg	--	2.7 J	3.56 J	4.08	**26.4 J**	8.21 J
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	2.58 J	2.39 J	1.95	6.52 J	1.66 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	**5.26 J**	**3.77 J**	**3.97**	**18 J**	**7.6 J**
Pyrene	64	100	500	1000	mg/kg	--	9.11 J	6.55 J	6.67	16.3 J	4.7 J
Retene	NSL	NSL	NSL	NSL	mg/kg	--	R	0.122 J	0.237	0.872 J	2.25 J
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	3270	6150	5510	7010	--	--
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.46 UJ	< 4.75 U	< 4.75 U	< 4.78 U	--	--
Arsenic	13	16	16	16	mg/kg	2.05	**14.7**	9.04	7.4	--	--
Barium	410	410	410	820	mg/kg	13	116	154	86.5	--	--
Beryllium	4.4	43	670	47	mg/kg	0.442 J	0.307 J	0.257 J	0.411 J	--	--
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.892 U	0.898 J	1	0.445 J	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-01**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**
					Coordinates (Northing, Easting)	**203296.66, 994901.64**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**
					Sample Name	**224402-SB-WI-01-67-69**	**224402-SB-WI-02-00-0.5**	**224402-SB-WI-02-05-07**	**224402-SB-WI-02-18-20**	**224402-SB-WI-02-AR-29-30**	**224402-SB-WI-02-AR-31-31.5**
					Depth Range (ft bgs)	**67 - 69**	**0 - 0.5**	**5 - 7**	**18 - 20**	**29 - 30**	**31 - 31.5**
					Parent Sample ID						
					Sample Date	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**2**	**2**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Calcium	NSL	NSL	NSL	NSL	mg/kg	857 J	8780	17000	9790	--	--
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.94 U	< 0.37 U	< 0.38 U	< 0.4 U	--	--
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	12.5	18.4	14.3	15.1	--	--
Cobalt	NSL	NSL	NSL	NSL	mg/kg	6.47	6.46	6.6	7	--	--
Copper	50	280	280	1720	mg/kg	12.4	**84**	**61.5**	32.7	--	--
Cyanide	2.3	13	28	40	mg/kg	< 0.49 U	< 0.57 U	**2.4**	0.95	--	--
Iron	NSL	NSL	NSL	NSL	mg/kg	26800	17600	14600	18900	--	--
Lead	63	400	1000	450	mg/kg	6.02	**233**	**249**	**137**	--	--
Magnesium	NSL	NSL	NSL	NSL	mg/kg	1260	3960	3500	2740	--	--
Manganese	1600	2000	10000	2000	mg/kg	693	200	155	189	--	--
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.082 U	**0.474**	**0.514**	**0.226**	--	--
Nickel	30	320	320	130	mg/kg	6.84	21.9	17.2	17	--	--
Potassium	NSL	NSL	NSL	NSL	mg/kg	614	1110	972	709	--	--
Selenium	3.9	110	1700	4	mg/kg	< 1.78 U	0.612 J	0.838 J	0.825 J	--	--
Silver	2	110	1700	8.3	mg/kg	< 0.446 U	1.3	< 0.475 U	< 0.478 U	--	--
Sodium	NSL	NSL	NSL	NSL	mg/kg	1250	166 J	125 J	104 J	--	--
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.78 U	0.858 J	0.871 J	< 1.91 U	--	--
Vanadium	NSL	NSL	NSL	NSL	mg/kg	25.6	29.3	22.6	23.7	--	--
Zinc	109	6600	10000	2480	mg/kg	28.2	**627**	**357**	**128**	--	--
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.94 U	< 4.92 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.94 U	< 4.92 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.988 UJ	< 0.985 UJ	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.98 U	< 1.97 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.98 U	< 1.97 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.395 U	< 0.394 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.395 U	< 0.394 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.395 U	< 0.394 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.395 U	< 0.394 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.791 U	< 0.788 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	0.180 J	< 0.197 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-01**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**	**SB-WI-02**
					Coordinates (Northing, Easting)	**203296.66, 994901.64**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**	**203147.78, 994943.937**
					Sample Name	**224402-SB-WI-01-67-69**	**224402-SB-WI-02-00-0.5**	**224402-SB-WI-02-05-07**	**224402-SB-WI-02-18-20**	**224402-SB-WI-02-AR-29-30**	**224402-SB-WI-02-AR-31-31.5**
					Depth Range (ft bgs)	**67 - 69**	**0 - 0.5**	**5 - 7**	**18 - 20**	**29 - 30**	**31 - 31.5**
					Parent Sample ID						
					Sample Date	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**2**	**2**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	0.0753 J	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	0.699	0.483	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	0.243 J	< 0.394 U	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	0.0713 J	< 0.197 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.198 U	< 0.197 U	--	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	< 0.059 U	< 0.06 U	< 2.5 U	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.096 U	< 0.096 U	< 0.1 U	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.096 U	< 0.096 U	< 0.1 U	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.096 U	< 0.096 U	< 0.1 U	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.096 U	< 0.096 U	< 0.1 U	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.096 U	< 0.096 U	< 0.1 U	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	0.045 J	< 0.096 U	< 0.1 U	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	0.060 J	0.054 J	< 0.1 U	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.096 U	< 0.096 U	< 0.1 U	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.096 U	< 0.096 U	< 0.1 U	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	**0.105**	0.054	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	4400	51000 J	57000 J	18000 J	76000 J	23000 J
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	1520 J	1600 J	1560	2310 J	457 J

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-02	SB-WI-03	SB-WI-03	SB-WI-03	SB-WI-03	SB-WI-03
					Coordinates (Northing, Easting)	203147.78, 994943.937	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94
					Sample Name	224402-SB-WI-02-58-60	224402-SB-WI-03-00-0.5	224402-SB-WI-03-AR-07-08	224402-SB-WI-03-11-13	224402-SB-WI-03-29-31	224402-SB-WI-03-68-70
					Depth Range (ft bgs)	58 - 60	0 - 0.5	7 - 8	11 - 13	29 - 31	68 - 70
					Parent Sample ID						
					Sample Date	9/18/2025	9/17/2025	9/18/2025	9/18/2025	9/18/2025	9/18/2025
					Forensics Screening (Y/N)	N	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	Y	N	N	N
					Number of Archived Samples Per Boring	2	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	< 0.0011 U	--	< 37 U	< 0.00087 U	< 0.00099 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.011 U	--	< 74 U	< 0.0087 U	< 0.0099 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 2.4 U	< 0.0044 U	--	< 74 U	< 0.0035 U	< 0.0039 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 12 U	< 0.0022 U	--	< 370 U	< 0.0017 U	< 0.002 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 4.8 U	< 0.0022 U	--	< 150 U	< 0.0017 U	< 0.002 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	4.4	< 0.0022 U	--	**150**	< 0.0017 U	< 0.002 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 12 U	< 0.0022 U	--	< 370 U	< 0.0017 U	< 0.002 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 1.2 UJ	< 0.0011 U	--	< 37 U	< 0.00087 U	< 0.00099 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	1.4 J	< 0.0022 U	--	**47 J**	< 0.0017 U	< 0.002 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 24 U	< 0.022 U	--	< 740 U	< 0.017 U	< 0.02 U
Acetone	0.03	100	500	0.03	mg/kg	< 120 U	< 0.11 UJ	--	< 3700 U	< 0.087 U	< 0.099 U
Benzene	0.06	3.7	20	0.06	mg/kg	< 2.4 U	< 0.0022 U	--	**59 J**	< 0.0017 U	< 0.002 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 12 U	< 0.011 UJ	--	< 370 U	< 0.0087 UJ	< 0.0099 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 12 U	< 0.022 U	--	< 370 U	< 0.017 U	< 0.02 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 4.8 U	< 0.022 U	--	< 150 U	< 0.017 U	< 0.02 U
Chloroform	0.37	24	180	0.37	mg/kg	< 4.8 U	< 0.0044 U	--	< 150 U	< 0.0035 U	< 0.0039 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 4.8 UJ	< 0.011 U	--	< 150 UJ	< 0.0087 U	< 0.0099 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	< 0.0011 U	--	< 37 U	< 0.00087 U	< 0.00099 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 4.8 U	< 0.011 U	--	< 150 U	< 0.0087 U	< 0.0099 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	0.43 J	< 0.0022 U	--	10 J	< 0.0017 U	< 0.002 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	< 0.0011 U	--	< 37 U	< 0.00087 U	< 0.00099 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 4.8 U	< 0.022 U	--	< 150 U	< 0.017 U	< 0.02 U
Ethylbenzene	1	76	390	1	mg/kg	**6.4**	< 0.0022 U	--	**340**	< 0.0017 U	< 0.002 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	1.2 J	< 0.0022 U	--	27 J	< 0.0017 U	< 0.002 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 24 U	< 0.0022 U	--	< 740 U	< 0.0017 U	< 0.002 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 48 U	< 0.044 U	--	**260 J**	< 0.035 U	< 0.039 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 24 U	< 0.022 UJ	--	< 740 U	< 0.017 U	< 0.02 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	13 J	< 0.0017 U	< 0.002 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 12 U	< 0.022 U	--	< 370 U	< 0.017 U	< 0.02 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 4.8 U	< 0.0044 U	--	39 J	< 0.0035 U	< 0.0039 U
Naphthalene	12	100	500	12	mg/kg	**90**	< 0.0044 U	--	**3700**	< 0.0035 U	< 0.0039 U
N-Butylbenzene	18	100	500	18	mg/kg	0.65 J	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
N-Propylbenzene	5	100	500	5	mg/kg	0.55 J	< 0.0022 U	--	**10 J**	< 0.0017 U	< 0.002 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	1.5 J	< 0.0022 U	--	120	< 0.0017 U	< 0.002 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-02**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**
					Coordinates (Northing, Easting)	**203147.78, 994943.937**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**
					Sample Name	**224402-SB-WI-02-58-60**	**224402-SB-WI-03-00-0.5**	**224402-SB-WI-03-AR-07-08**	**224402-SB-WI-03-11-13**	**224402-SB-WI-03-29-31**	**224402-SB-WI-03-68-70**
					Depth Range (ft bgs)	**58 - 60**	**0 - 0.5**	**7 - 8**	**11 - 13**	**29 - 31**	**68 - 70**
					Parent Sample ID						
					Sample Date	**9/18/2025**	**9/17/2025**	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/18/2025**
					Forensics Screening (Y/N)	**N**	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**NA**	**Y**	**NA**	**NA**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**2**	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
T-Butylbenzene	11	100	500	11	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 2.4 U	< 0.0044 U	--	< 74 U	< 0.0035 U	< 0.0039 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 2.4 UJ	< 0.0022 U	--	< 74 UJ	< 0.0017 U	< 0.002 U
Toluene	0.7	100	500	0.7	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 1.2 U	< 0.0011 U	--	< 37 U	< 0.00087 U	< 0.00099 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 2.4 U	< 0.0022 U	--	< 74 U	< 0.0017 U	< 0.002 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 4.8 U	< 0.011 U	--	< 150 U	< 0.0087 U	< 0.0099 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 4.8 U	< 0.011 UJ	--	< 150 U	< 0.0087 UJ	< 0.0099 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 2.4 U	< 0.0022 U	--	**120**	< 0.0017 U	< 0.002 U
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	18	0.023 J	--	210	< 0.038 U	< 0.038 U
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.89 U	< 1.5 UJ	--	< 0.81 U	< 0.76 U	< 0.78 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.88 U	< 1.4 UJ	--	< 0.8 U	< 0.75 U	< 0.77 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 UJ	--	< 0.41 U	< 0.39 U	< 0.4 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	27	0.033 J	--	130	< 0.038 U	< 0.038 U
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.23 U	< 0.37 U	--	< 0.21 U	< 0.19 U	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	R	--	< 0.41 U	< 0.39 U	< 0.4 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.88 U	< 1.4 U	--	< 0.8 U	< 0.75 U	< 0.77 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.88 U	< 1.4 UJ	--	< 0.8 U	< 0.75 U	< 0.77 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.88 U	< 1.4 U	--	< 0.8 U	< 0.75 U	< 0.77 U
Acenaphthene	20	100	500	98	mg/kg	16	< 0.072 U	--	**76**	< 0.038 U	< 0.038 U
Acenaphthylene	100	100	500	365	mg/kg	1.1	0.042 J	--	10	< 0.038 U	< 0.038 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 UJ	--	< 0.41 U	< 0.39 U	< 0.4 U
Anthracene	100	100	500	1000	mg/kg	7.2	0.034 J	--	37	0.017 J	< 0.038 U
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.89 U	< 1.5 UJ	--	< 0.81 U	< 0.76 U	< 0.78 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.45 UJ	< 0.74 UJ	--	< 0.41 UJ	< 0.39 UJ	< 0.4 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**4.7**	0.19	--	**42**	< 0.038 U	< 0.038 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**3.9**	0.22	--	**37**	< 0.038 U	< 0.038 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**3**	0.31	--	**31**	< 0.038 U	< 0.038 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**1.5**	0.16 J	--	**11**	< 0.038 U	< 0.038 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	**1.1**	0.12	--	**13**	< 0.038 U	< 0.038 U
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	2.6	< 0.15 U	--	26	< 0.076 U	< 0.078 U
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-02**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**
					Coordinates (Northing, Easting)	**203147.78, 994943.937**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**
					Sample Name	**224402-SB-WI-02-58-60**	**224402-SB-WI-03-00-0.5**	**224402-SB-WI-03-AR-07-08**	**224402-SB-WI-03-11-13**	**224402-SB-WI-03-29-31**	**224402-SB-WI-03-68-70**
					Depth Range (ft bgs)	**58 - 60**	**0 - 0.5**	**7 - 8**	**11 - 13**	**29 - 31**	**68 - 70**
					Parent Sample ID						
					Sample Date	**9/18/2025**	**9/17/2025**	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/18/2025**
					Forensics Screening (Y/N)	**N**	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**NA**	**Y**	**NA**	**NA**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**2**	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 UJ	--	< 0.41 U	< 0.39 U	< 0.4 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.18 J	< 0.37 U	--	4.5	< 0.19 U	< 0.2 U
Chrysene	1	4.9	47	1	mg/kg	**4.3**	0.23	--	**40**	0.029 J	< 0.038 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	**0.4**	< 0.072 UJ	--	**3.2**	< 0.038 U	< 0.038 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.78	< 0.74 U	--	**11**	< 0.39 U	< 0.4 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Fluoranthene	85	100	500	1000	mg/kg	7.1	0.34	--	79	0.011 J	< 0.038 U
Fluorene	30	100	500	386	mg/kg	7.9	< 0.072 U	--	**85**	< 0.038 U	< 0.038 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	R	--	< 0.41 U	< 0.39 U	< 0.4 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 UJ	--	< 0.41 U	< 0.39 U	< 0.4 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**1.4**	0.11 J	--	**10**	< 0.038 U	< 0.038 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Naphthalene	12	100	500	12	mg/kg	**34**	0.094	--	**440**	0.014 J	0.012 J
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.45 U	< 0.74 UJ	--	< 0.41 U	< 0.39 U	< 0.4 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	**26**	0.18	--	--	0.022 J	< 0.038 U
Phenol	0.33	100	500	0.33	mg/kg	< 0.45 U	< 0.74 U	--	< 0.41 U	< 0.39 U	< 0.4 U
Pyrene	64	100	500	1000	mg/kg	12	0.37	--	**140**	0.018 J	< 0.038 U
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.74 UJ	--	< 0.41 U	< 0.39 U	< 0.4 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.039 J	--	--	< 0.04 U	< 0.04 U
Acenaphthene	20	100	500	98	mg/kg	--	0.016 J	--	--	< 0.04 U	< 0.04 U
Acenaphthylene	100	100	500	365	mg/kg	--	0.040 J	--	--	< 0.04 U	< 0.04 U
Anthracene	100	100	500	1000	mg/kg	--	0.042 J	--	--	< 0.04 U	< 0.04 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	0.23	--	--	< 0.04 U	< 0.04 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	0.34	--	--	< 0.04 U	< 0.04 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	0.39	--	--	< 0.04 U	< 0.04 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	0.23	--	--	< 0.04 U	< 0.04 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	0.12	--	--	< 0.04 U	< 0.04 U
Chrysene	1	4.9	47	1	mg/kg	--	0.3	--	--	< 0.04 U	< 0.04 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	0.035 J	--	--	< 0.04 U	< 0.04 U
Fluoranthene	85	100	500	1000	mg/kg	--	0.42	--	--	< 0.04 U	< 0.04 U
Fluorene	30	100	500	386	mg/kg	--	0.025 J	--	--	< 0.04 U	< 0.04 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	0.22	--	--	< 0.04 U	< 0.04 U
Naphthalene	12	100	500	12	mg/kg	--	0.034 J	--	--	< 0.04 U	< 0.04 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	0.18	--	--	0.011 J	< 0.04 U
Pyrene	64	100	500	1000	mg/kg	--	0.54	--	--	0.0085 J	< 0.04 U
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.848 J	0.0118 J	25.6 J	5.03	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	17.2 J	0.0417 J	362 J	99.1	--	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	6.86 J	0.0455 J	175 J	38	--	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	25.5 J	0.0676 J	362 J	156	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-02	SB-WI-03	SB-WI-03	SB-WI-03	SB-WI-03	SB-WI-03
					Coordinates (Northing, Easting)	203147.78, 994943.937	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94
					Sample Name	224402-SB-WI-02-58-60	224402-SB-WI-03-00-0.5	224402-SB-WI-03-AR-07-08	224402-SB-WI-03-11-13	224402-SB-WI-03-29-31	224402-SB-WI-03-68-70
					Depth Range (ft bgs)	58 - 60	0 - 0.5	7 - 8	11 - 13	29 - 31	68 - 70
					Parent Sample ID						
					Sample Date	9/18/2025	9/17/2025	9/18/2025	9/18/2025	9/18/2025	9/18/2025
					Forensics Screening (Y/N)	N	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	Y	N	N	N
					Number of Archived Samples Per Boring	2	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Acenaphthene	20	100	500	98	mg/kg	15 J	0.0704 J	**85.1 J**	**41.6**	--	--
Acenaphthylene	100	100	500	365	mg/kg	1.53 J	0.0714 J	57 J	12.4	--	--
Anthracene	100	100	500	1000	mg/kg	7.39 J	0.203 J	77.9 J	32.5	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**5 J**	0.541 J	**63.9 J**	**41**	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**3.94 J**	0.636 J	**50.6 J**	**35.4**	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.88 J**	0.538 J	**22.4 J**	**21.5**	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**1.5 J**	0.48 J	**19.2 J**	**16.5**	--	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	2.49 J	0.469 J	28.4 J	22.4	--	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	1.94 J	0.466 J	23.5 J	17.7	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	2.66 J	0.0197 J	7.62 J	14.5	--	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	3.57 J	0.397 J	48.3 J	27.5	--	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	2.63 J	0.0665 J	52 J	15.2	--	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	10.1 J	0.461 J	136 J	60.9	--	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	3.62 J	0.0358 J	64.2 J	21.9	--	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	26.6 J	0.0768 J	448 J	159	--	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	16 J	0.302 J	232 J	87.4	--	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.57 J	0.428 J	21 J	12.6	--	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	1.81 J	0.152 J	39.7 J	9.84	--	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	3.24 J	0.365 J	46.3 J	21	--	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	2.18 J	0.0769 J	50 J	13	--	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	15.2 J	0.102 J	341 J	79.4	--	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	6.92 J	0.251 J	106 J	35.6	--	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.783 J	0.76 J	10.3 J	7.76	--	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.844 J	0.206 J	20.4 J	4.28	--	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.11 J	0.328 J	17.8 J	8.68	--	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	1.16 J	0.155 J	28.8 J	6.22	--	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	5.68 J	0.0968 J	155 J	28.8	--	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	2.17 J	0.183 J	33.9 J	10.7	--	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.448 J	0.615 J	R	3.32	--	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.278 J	0.182 J	7.33 J	1.23	--	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.502 J	0.378 J	8.7 J	4.46	--	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	1.78 J	0.0883 J	66 J	9.08	--	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.88 J	0.155 J	10.5 J	2.78	--	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	4.3 J	0.567 J	55.7 J	33.3	--	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.545 J	0.133 J	6.6 J	6.67	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	0.756 J	0.0417 J	**14.7 J**	**7.68**	--	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	2.37 J	0.0422 J	43.2 J	15	--	--
Fluoranthene	85	100	500	1000	mg/kg	7.61 J	0.795 J	**101 J**	58.6	--	--
Fluorene	30	100	500	386	mg/kg	7.01 J	0.0649 J	**115 J**	**49.1**	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**1.46 J**	0.415 J	**18.6 J**	**17.8**	--	--
Naphthalene	12	100	500	12	mg/kg	**35.8 J**	0.0686 J	**698 J**	**283**	--	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.623 J	0.174 J	7.11 J	6.45	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	**24 J**	0.586 J	**368 J**	**158**	--	--
Pyrene	64	100	500	1000	mg/kg	11.8 J	0.801 J	**162 J**	**79**	--	--
Retene	NSL	NSL	NSL	NSL	mg/kg	1.5 J	R	R	< 0.0854 U	--	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	4010	5030	--	6640	14200	4790
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 5.1 UJ	< 4.35 U	--	< 4.7 UJ	< 4.35 UJ	< 4.48 UJ
Arsenic	13	16	16	16	mg/kg	9.97	3.55	--	7.88	0.809 J	1.7
Barium	410	410	410	820	mg/kg	46.7	61.5	--	57.4	147	58.4
Beryllium	4.4	43	670	47	mg/kg	0.310 J	0.152 J	--	0.378 J	0.114 J	0.275 J
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 1.02 U	< 0.87 U	--	< 0.94 U	< 0.87 U	< 0.896 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-02**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**	**SB-WI-03**
					Coordinates (Northing, Easting)	**203147.78, 994943.937**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**	**203018.225, 995009.94**
					Sample Name	**224402-SB-WI-02-58-60**	**224402-SB-WI-03-00-0.5**	**224402-SB-WI-03-AR-07-08**	**224402-SB-WI-03-11-13**	**224402-SB-WI-03-29-31**	**224402-SB-WI-03-68-70**
					Depth Range (ft bgs)	**58 - 60**	**0 - 0.5**	**7 - 8**	**11 - 13**	**29 - 31**	**68 - 70**
					Parent Sample ID						
					Sample Date	**9/18/2025**	**9/17/2025**	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/18/2025**
					Forensics Screening (Y/N)	**N**	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**NA**	**Y**	**NA**	**NA**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**2**	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**							
Calcium	NSL	NSL	NSL	NSL	mg/kg	6040	77700	--	27200	1300	13300	
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.42 U	< 0.35 UJ	--	< 0.38 U	< 0.36 U	< 0.37 U	
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	11.6	10.9	--	14.2	26	9.05	
Cobalt	NSL	NSL	NSL	NSL	mg/kg	5.56	3.06	--	4.9	12	4.8	
Copper	50	280	280	1720	mg/kg	17.4	21.2	--	24.3	10.3	10.8	
Cyanide	2.3	13	28	40	mg/kg	< 0.54 U	< 0.54 U	--	< 0.56 U	< 0.54 U	< 0.52 U	
Iron	NSL	NSL	NSL	NSL	mg/kg	19500	8150	--	15600	28700	10500	
Lead	63	400	1000	450	mg/kg	28.5	**63.7**	--	**463**	1.86 J	3.79 J	
Magnesium	NSL	NSL	NSL	NSL	mg/kg	3330 J	32500	--	5040 J	7960 J	6560 J	
Manganese	1600	2000	10000	2000	mg/kg	388	164	--	288	98.7	288	
Mercury	0.18	0.3	1.1	0.73	mg/kg	**0.413**	0.081	--	0.118	< 0.088 U	< 0.097 U	
Nickel	30	320	320	130	mg/kg	12.4	11.4	--	10.7	22.3	11.3	
Potassium	NSL	NSL	NSL	NSL	mg/kg	793	1040	--	882	10100	1160	
Selenium	3.9	110	1700	4	mg/kg	< 2.04 U	< 1.74 U	--	< 1.88 U	< 1.74 U	< 1.79 U	
Silver	2	110	1700	8.3	mg/kg	< 0.51 U	< 0.435 U	--	< 0.47 U	< 0.435 U	< 0.448 U	
Sodium	NSL	NSL	NSL	NSL	mg/kg	257	208	--	438	350	1100	
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2.04 U	< 1.74 U	--	< 1.88 U	1.33 J	< 1.79 U	
Vanadium	NSL	NSL	NSL	NSL	mg/kg	15.6	18.6	--	20.8	82	13.2	
Zinc	109	6600	10000	2480	mg/kg	50.8 J	63	--	53.2 J	72.9 J	25.4 J	
PFAS (E1633)												
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.97 U	--	< 4.88 U	--	--	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.97 U	--	< 4.88 U	--	--	
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.995 UJ	--	< 0.976 UJ	--	--	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.99 U	--	< 1.95 U	--	--	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.99 U	--	< 1.95 U	--	--	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	--	< 0.39 U	--	--	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	--	< 0.39 U	--	--	
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	--	< 0.39 U	--	--	
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	--	< 0.39 U	--	--	
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.796 U	--	< 0.781 U	--	--	
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--	

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-02	SB-WI-03	SB-WI-03	SB-WI-03	SB-WI-03	SB-WI-03
					Coordinates (Northing, Easting)	203147.78, 994943.937	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94	203018.225, 995009.94
					Sample Name	224402-SB-WI-02-58-60	224402-SB-WI-03-00-0.5	224402-SB-WI-03-AR-07-08	224402-SB-WI-03-11-13	224402-SB-WI-03-29-31	224402-SB-WI-03-68-70
					Depth Range (ft bgs)	58 - 60	0 - 0.5	7 - 8	11 - 13	29 - 31	68 - 70
					Parent Sample ID						
					Sample Date	9/18/2025	9/17/2025	9/18/2025	9/18/2025	9/18/2025	9/18/2025
					Forensics Screening (Y/N)	N	Y	N	N	Y	Y
					Passed Forensic Screening (Y/N)	NA	Y	NA	NA	N	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N	N
					Archived Sample (Y/N)	N	N	Y	N	N	N
					Number of Archived Samples Per Boring	2	1				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	0.124 J	--	0.291 J	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	--	< 0.39 U	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	--	< 0.195 U	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	R	--	< 2.3 U	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	0.031 J	--	< 0.097 U	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.087 U	--	< 0.097 U	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	0.031	--	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	12000 J	57000 J	200000 J	60000 J	580 J	6300 J
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	1370	2780 J	30300 J	6450	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04
					Coordinates (Northing, Easting)	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105
					Sample Name	224402-SB-WI-04-00-0.5	224402-SB-WI-04-12-14	224402-SB-WI-04-17-19	224402-SB-WI-04-AR-25-25.5	224402-SB-WI-04-AR-30-30.5	224402-SB-WI-04-68-70
					Depth Range (ft bgs)	0 - 0.5	12 - 14	17 - 19	25 - 25.5	30 - 30.5	68 - 70
					Parent Sample ID						
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	Y
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	N
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring				2		
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00092 U	< 6.9 U	< 12 U	--	--	< 0.0007 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0092 U	< 14 U	< 23 U	--	--	< 0.007 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0037 U	< 14 U	< 23 U	--	--	< 0.0028 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 69 U	< 120 U	--	--	< 0.0014 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 27 U	< 46 U	--	--	< 0.0014 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0018 U	**11 J**	**47**	--	--	< 0.0014 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 69 U	< 120 U	--	--	< 0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00092 U	< 6.9 U	< 12 U	--	--	< 0.0007 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0018 U	< 14 U	**16 J**	--	--	< 0.0014 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 140 U	< 230 U	--	--	< 0.014 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.092 UJ	< 690 U	< 1200 U	--	--	< 0.07 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0092 UJ	< 69 U	< 120 U	--	--	< 0.007 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 69 U	< 120 U	--	--	< 0.014 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 27 U	< 46 U	--	--	< 0.014 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0037 U	< 27 U	< 46 U	--	--	< 0.0028 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0092 U	< 27 U	< 46 U	--	--	< 0.007 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00092 U	< 6.9 U	< 12 U	--	--	< 0.0007 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0092 U	< 27 U	< 46 U	--	--	< 0.007 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	3.7 J	< 23 U	--	--	< 0.0014 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00092 U	< 6.9 U	< 12 U	--	--	< 0.0007 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 27 U	< 46 U	--	--	< 0.014 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0018 U	**43**	**100**	--	--	< 0.0014 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	9.9 J	5.6 J	--	--	< 0.0014 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 140 U	< 230 U	--	--	< 0.0014 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.037 U	< 270 U	< 460 U	--	--	< 0.028 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.018 UJ	< 140 U	< 230 U	--	--	< 0.014 UJ
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.018 U	< 69 U	< 120 U	--	--	< 0.014 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0037 U	< 27 U	65	--	--	< 0.0028 U
Naphthalene	12	100	500	12	mg/kg	< 0.0037 U	**490**	**760**	--	--	< 0.0028 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0018 U	3.2 J	< 23 U	--	--	< 0.0014 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0018 U	3.8 J	3.2 J	--	--	< 0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	34	--	--	< 0.0014 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestricted Use Soil Analytical Results

					Location ID	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04
					Coordinates (Northing, Easting)	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105
					Sample Name	224402-SB-WI-04-00-0.5	224402-SB-WI-04-12-14	224402-SB-WI-04-17-19	224402-SB-WI-04-AR-25-25.5	224402-SB-WI-04-AR-30-30.5	224402-SB-WI-04-68-70
					Depth Range (ft bgs)	0 - 0.5	12 - 14	17 - 19	25 - 25.5	30 - 30.5	68 - 70
					Parent Sample ID						
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	Y
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	N
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring				2		
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0018 U	< 14 U	7.2 J	--	--	< 0.0014 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0037 U	< 14 U	< 23 U	--	--	< 0.0028 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0018 U	< 14 U	**2.8 J**	--	--	< 0.0014 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00092 U	< 6.9 U	< 12 U	--	--	< 0.0007 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0018 U	< 14 U	< 23 U	--	--	< 0.0014 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0092 U	< 27 U	< 46 U	--	--	< 0.007 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0092 UJ	< 27 U	< 46 U	--	--	< 0.007 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0018 U	< 14 U	**99**	--	--	< 0.0014 U
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.052	100	42	--	--	0.011 J
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.74 U	< 0.85 U	< 0.78 U	--	--	< 0.8 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.73 U	< 0.84 U	< 0.76 U	--	--	< 0.79 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 UJ	< 0.39 UJ	--	--	< 0.41 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.077	23	67	--	--	0.014 J
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.19 U	< 0.22 U	< 0.2 U	--	--	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.73 U	< 0.84 U	< 0.76 U	--	--	< 0.79 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.73 U	< 0.84 U	< 0.76 U	--	--	< 0.79 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.73 U	< 0.84 U	< 0.76 U	--	--	< 0.79 U
Acenaphthene	20	100	500	98	mg/kg	0.029 J	**64**	17	--	--	< 0.039 U
Acenaphthylene	100	100	500	365	mg/kg	0.048	4.4	7	--	--	< 0.039 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Anthracene	100	100	500	1000	mg/kg	0.086	24	8.1	--	--	< 0.039 U
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.74 U	< 0.85 UJ	< 0.78 UJ	--	--	< 0.8 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.38 UJ	< 0.43 UJ	< 0.39 UJ	--	--	< 0.41 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.47	**17**	**5.9**	--	--	< 0.039 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.5	**15**	**4.4**	--	--	< 0.039 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.64	**14**	**3.6**	--	--	< 0.039 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.32	**4.8**	**2.9**	--	--	< 0.039 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.27	**4.7**	**1.5**	--	--	< 0.039 U
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.074 U	4.8	4.7	--	--	< 0.08 U
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**
					Coordinates (Northing, Easting)	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**
					Sample Name	**224402-SB-WI-04-00-0.5**	**224402-SB-WI-04-12-14**	**224402-SB-WI-04-17-19**	**224402-SB-WI-04-AR-25-25.5**	**224402-SB-WI-04-AR-30-30.5**	**224402-SB-WI-04-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**12 - 14**	**17 - 19**	**25 - 25.5**	**30 - 30.5**	**68 - 70**
					Parent Sample ID						
					Sample Date	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**	**N**
					Number of Archived Samples Per Boring				**2**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 UJ	< 0.39 UJ	--	--	< 0.41 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.19 U	< 0.22 U	0.38	--	--	< 0.2 U
Chrysene	1	4.9	47	1	mg/kg	0.5	**16**	**5.4**	--	--	< 0.039 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.061	**1.2**	**0.45**	--	--	< 0.039 U
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.38 U	**3.6**	1.5	--	--	< 0.41 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Fluoranthene	85	100	500	1000	mg/kg	0.85	36	9.2	--	--	< 0.039 U
Fluorene	30	100	500	386	mg/kg	0.029 J	26	11	--	--	< 0.039 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.3	**6.7**	**2.2**	--	--	< 0.039 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Naphthalene	12	100	500	12	mg/kg	0.29	**98**	**120**	--	--	0.12
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.38 U	< 0.43 U	--	--	--	< 0.41 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.38	**89**	**31**	--	--	< 0.039 U
Phenol	0.33	100	500	0.33	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
Pyrene	64	100	500	1000	mg/kg	0.91	59	17	--	--	< 0.039 U
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 0.43 U	< 0.39 U	--	--	< 0.41 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.033 J	--	--	--	--	< 0.041 U
Acenaphthene	20	100	500	98	mg/kg	0.014 J	--	--	--	--	< 0.041 U
Acenaphthylene	100	100	500	365	mg/kg	0.047	--	--	--	--	0.031 J
Anthracene	100	100	500	1000	mg/kg	0.056	--	--	--	--	0.026 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.26	--	--	--	--	< 0.041 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.27	--	--	--	--	< 0.041 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.36	--	--	--	--	< 0.041 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.25	--	--	--	--	< 0.041 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.12	--	--	--	--	< 0.041 U
Chrysene	1	4.9	47	1	mg/kg	0.25	--	--	--	--	< 0.041 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.036 U	--	--	--	--	< 0.041 U
Fluoranthene	85	100	500	1000	mg/kg	0.44	--	--	--	--	< 0.041 U
Fluorene	30	100	500	386	mg/kg	0.021 J	--	--	--	--	< 0.041 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.19	--	--	--	--	< 0.041 U
Naphthalene	12	100	500	12	mg/kg	0.028 J	--	--	--	--	0.018 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.17	--	--	--	--	0.0090 J
Pyrene	64	100	500	1000	mg/kg	0.46	--	--	--	--	< 0.041 U
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	604 J	7.39	0.49 J	806 J	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	16800 J	211	17.8 J	23000 J	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	5930 J	80.3	5.65 J	9600 J	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	8850 J	349	28.1 J	38400 J	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04
					Coordinates (Northing, Easting)	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105
					Sample Name	224402-SB-WI-04-00-0.5	224402-SB-WI-04-12-14	224402-SB-WI-04-17-19	224402-SB-WI-04-AR-25-25.5	224402-SB-WI-04-AR-30-30.5	224402-SB-WI-04-68-70
					Depth Range (ft bgs)	0 - 0.5	12 - 14	17 - 19	25 - 25.5	30 - 30.5	68 - 70
					Parent Sample ID						
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	Y
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	N
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring				2		
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Acenaphthene	20	100	500	98	mg/kg	--	**11800 J**	**71.5**	10.2 J	**15300 J**	--
Acenaphthylene	100	100	500	365	mg/kg	--	**1470 J**	61.7	1.03 J	**2100 J**	--
Anthracene	100	100	500	1000	mg/kg	--	**5310 J**	45.1	3.72 J	**5980 J**	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	**3660 J**	**27.4**	**2.01 J**	**3410 J**	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	**3320 J**	**22.4**	**1.7 J**	**3050 J**	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	**2350 J**	**9.28**	0.771 J	**1250 J**	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	**2240 J**	**8.04**	**0.648 J**	**985 J**	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	2020 J	11.8	0.898 J	1630 J	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	1720 J	9.76	0.734 J	1200 J	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	1370 J	28.8	2 J	3500 J	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	2240 J	21.7	1.6 J	2350 J	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	1480 J	17.4	1.13 J	2230 J	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	6860 J	62.1	4.36 J	8150 J	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	2220 J	30.4	1.82 J	3670 J	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	15800 J	354	30.4 J	41200 J	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	8770 J	102	6.79 J	12800 J	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	980 J	9.21	0.703 J	936 J	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	1020 J	11.5	0.753 J	1610 J	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	2170 J	19.9	1.41 J	2510 J	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	1460 J	18.3	1.08 J	2350 J	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	11700 J	163	12.5 J	21600 J	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	3780 J	39.7	2.55 J	5060 J	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	560 J	3.91	0.387 J	425 J	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	497 J	4.89	0.34 J	668 J	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	771 J	6.04	0.537 J	738 J	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	716 J	8.28	0.46 J	1040 J	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	4050 J	44	3.46 J	6280 J	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	1120 J	10.9	0.697 J	1540 J	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	< 0.0428 UJ	1.08	R	124 J	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	180 J	1.38	0.105 J	194 J	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	360 J	2.19	0.225 J	257 J	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	1120 J	10.1	0.821 J	1600 J	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	296 J	2.26	0.17 J	394 J	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	3130 J	24.7	1.82 J	2970 J	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	497 J	2.95	0.203 J	370 J	--
Dibenzofuran	2.1	18	180	110	mg/kg	--	**825 J**	**8.34**	0.497 J	**975 J**	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	1770 J	16.2	1.14 J	2070 J	--
Fluoranthene	85	100	500	1000	mg/kg	--	**8100 J**	38.3	3.06 J	**4610 J**	--
Fluorene	30	100	500	386	mg/kg	--	**5010 J**	**55**	3.9 J	**6520 J**	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	**2150 J**	**7.77**	**0.586 J**	**1140 J**	--
Naphthalene	12	100	500	12	mg/kg	--	**30800 J**	**728**	**53.7 J**	**39600 J**	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	678 J	3.01	0.243 J	389 J	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	**17000 J**	**142**	**11.4 J**	**18500 J**	--
Pyrene	64	100	500	1000	mg/kg	--	**10300 J**	60.4	4.78 J	**7250 J**	--
Retene	NSL	NSL	NSL	NSL	mg/kg	--	81.6 J	< 0.142 U	0.0458 J	105 J	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	5540	6400	6860	--	--	3120
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.16 UJ	< 4.77 UJ	< 4.37 U	--	--	< 4.49 U
Arsenic	13	16	16	16	mg/kg	3.53	**30.7 J**	1.97	--	--	2.23
Barium	410	410	410	820	mg/kg	81	76.3	35	--	--	37.2
Beryllium	4.4	43	670	47	mg/kg	0.260 J	0.668	0.312 J	--	--	0.704
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.833 U	1.18	0.115 J	--	--	0.530 J

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**	**SB-WI-04**
					Coordinates (Northing, Easting)	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**	**202866.812, 995164.105**
					Sample Name	**224402-SB-WI-04-00-0.5**	**224402-SB-WI-04-12-14**	**224402-SB-WI-04-17-19**	**224402-SB-WI-04-AR-25-25.5**	**224402-SB-WI-04-AR-30-30.5**	**224402-SB-WI-04-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**12 - 14**	**17 - 19**	**25 - 25.5**	**30 - 30.5**	**68 - 70**
					Parent Sample ID						
					Sample Date	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**	**9/17/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**	**N**
					Number of Archived Samples Per Boring				**2**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Calcium	NSL	NSL	NSL	NSL	mg/kg	60400 J	4810	765	--	--	1370
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.35 U	< 0.4 U	< 0.36 U	--	--	< 0.38 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	12.3	11	14.3	--	--	19.1
Cobalt	NSL	NSL	NSL	NSL	mg/kg	3.29	5.09	7.91	--	--	6.54
Copper	50	280	280	1720	mg/kg	35.3	32.4	13	--	--	25.2
Cyanide	2.3	13	28	40	mg/kg	< 0.54 U	**2.6**	2.2	--	--	< 0.57 U
Iron	NSL	NSL	NSL	NSL	mg/kg	9630	16600	16300	--	--	53700
Lead	63	400	1000	450	mg/kg	**98.1**	**154 J**	6.56	--	--	13.6
Magnesium	NSL	NSL	NSL	NSL	mg/kg	17200	1660 J	2440	--	--	712
Manganese	1600	2000	10000	2000	mg/kg	203	221 J	271	--	--	289
Mercury	0.18	0.3	1.1	0.73	mg/kg	0.133	**0.867**	< 0.073 U	--	--	< 0.082 U
Nickel	30	320	320	130	mg/kg	19.2	11.6	13.4	--	--	8.81
Potassium	NSL	NSL	NSL	NSL	mg/kg	881	886 J	505	--	--	689
Selenium	3.9	110	1700	4	mg/kg	< 1.66 U	**6.23 J**	0.453 J	--	--	0.941 J
Silver	2	110	1700	8.3	mg/kg	0.411 J	0.482	< 0.437 U	--	--	< 0.449 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	195	209	155 J	--	--	< 180 U
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.66 U	0.991 J	< 1.75 U	--	--	2.36
Vanadium	NSL	NSL	NSL	NSL	mg/kg	18.2	21.3	21.8	--	--	29.5
Zinc	109	6600	10000	2480	mg/kg	90.5	**124 J**	27.6	--	--	21.9
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.97 U	< 4.95 U	--	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.97 U	< 4.95 U	--	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.995 UJ	< 0.989 UJ	--	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.98 U	--	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.98 U	--	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.396 U	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.396 U	--	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.396 U	--	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.396 U	--	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	0.858	--	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.796 U	< 0.792 U	--	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04	SB-WI-04
					Coordinates (Northing, Easting)	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105	202866.812, 995164.105
					Sample Name	224402-SB-WI-04-00-0.5	224402-SB-WI-04-12-14	224402-SB-WI-04-17-19	224402-SB-WI-04-AR-25-25.5	224402-SB-WI-04-AR-30-30.5	224402-SB-WI-04-68-70
					Depth Range (ft bgs)	0 - 0.5	12 - 14	17 - 19	25 - 25.5	30 - 30.5	68 - 70
					Parent Sample ID						
					Sample Date	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025	9/17/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	Y
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	N
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	N	N	Y	Y	N
					Number of Archived Samples Per Boring				2		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.876	0.442	--	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.0776 J	< 0.198 U	--	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.398 U	< 0.396 U	--	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.198 U	--	--	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 2.2 U	< 2.5 U	--	--	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.1 U	--	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.1 U	--	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.1 U	--	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.1 U	--	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.1 U	--	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	0.071 J	--	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.097	< 0.1 U	--	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.1 U	--	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.1 U	--	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	0.097	0.071	--	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	43000	68000 J	7100 J	1500 J	25000 J	4100 J
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	832000	5970 J	632 J	804000 J	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestricted Use Soil Analytical Results

					Location ID	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05
					Coordinates (Northing, Easting)	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212
					Sample Name	224402-SB-WI-05-19-21	224402-SB-WI-05-AR-30-32	224402-SB-WI-05-AR-32-34	224402-SB-WI-05-AR-45-47	224402-SB-WI-05-48-50	224402-SB-WI-05-AR-71-73
					Depth Range (ft bgs)	19 - 21	30 - 32	32 - 34	45 - 47	48 - 50	71 - 73
					Parent Sample ID						
					Sample Date	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	N
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	Y	Y	Y	N	Y
					Number of Archived Samples Per Boring	4					
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
VOCs (TCL VOCs 8260D)											
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	--	--	--	< 4.6 U	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	--	--	--	< 9.2 U	--
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0039 U	--	--	--	< 9.2 U	--
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 46 U	--
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 18 U	--
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0019 U	--	--	--	**91**	--
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 46 U	--
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	--	--	--	< 4.6 U	--
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0019 U	--	--	--	**32**	--
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	--	--	--	< 92 U	--
Acetone	0.03	100	500	0.03	mg/kg	< 0.097 UJ	--	--	--	< 460 U	--
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0019 U	--	--	--	**140**	--
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 UJ	--	--	--	< 46 UJ	--
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	--	--	--	< 46 U	--
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	--	--	--	< 18 U	--
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0039 U	--	--	--	< 18 U	--
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	--	--	--	< 18 UJ	--
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	--	--	--	< 4.6 U	--
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	--	--	--	< 18 U	--
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	1.4 J	--
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	--	--	--	< 4.6 U	--
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	--	--	--	< 18 U	--
Ethylbenzene	1	76	390	1	mg/kg	< 0.0019 U	--	--	--	**260**	--
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	2.6 J	--
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 92 U	--
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.039 U	--	--	--	< 180 U	--
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	--	--	--	< 92 U	--
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.019 U	--	--	--	< 46 U	--
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0039 U	--	--	--	200	--
Naphthalene	12	100	500	12	mg/kg	< 0.0039 U	--	--	--	**1200**	--
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0019 U	--	--	--	3.5 J	--
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0019 U	--	--	--	**6.6 J**	--
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	94	--
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05
					Coordinates (Northing, Easting)	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212
					Sample Name	224402-SB-WI-05-19-21	224402-SB-WI-05-AR-30-32	224402-SB-WI-05-AR-32-34	224402-SB-WI-05-AR-45-47	224402-SB-WI-05-48-50	224402-SB-WI-05-AR-71-73
					Depth Range (ft bgs)	19 - 21	30 - 32	32 - 34	45 - 47	48 - 50	71 - 73
					Parent Sample ID						
					Sample Date	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	N
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	Y	Y	Y	N	Y
					Number of Archived Samples Per Boring	4					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	--	--	--	11	--
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0039 U	--	--	--	< 9.2 U	--
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0019 U	--	--	--	< 9.2 UJ	--
Toluene	0.7	100	500	0.7	mg/kg	< 0.0019 U	--	--	--	**280**	--
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	--	--	--	< 4.6 U	--
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0019 U	--	--	--	< 9.2 U	--
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	--	--	--	< 18 U	--
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0097 UJ	--	--	--	< 18 U	--
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0019 U	--	--	--	**290**	--
SVOCs (TCL SVOCs 8270E)											
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.011 J	--	--	--	150	--
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.7 U	--	--	--	< 1.6 U	--
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.69 U	--	--	--	< 1.6 U	--
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.36 UJ	--	--	--	< 0.82 UJ	--
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.017 J	--	--	--	240	--
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.18 U	--	--	--	< 0.41 U	--
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.69 U	--	--	--	< 1.6 U	--
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.69 U	--	--	--	< 1.6 U	--
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.69 U	--	--	--	< 1.6 U	--
Acenaphthene	20	100	500	98	mg/kg	< 0.035 U	--	--	--	8.3	--
Acenaphthylene	100	100	500	365	mg/kg	0.017 J	--	--	--	95	--
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Anthracene	100	100	500	1000	mg/kg	0.016 J	--	--	--	38	--
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.7 UJ	--	--	--	< 1.6 UJ	--
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.36 UJ	--	--	--	< 0.82 UJ	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.025 J	--	--	--	**16**	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.013 J	--	--	--	**14**	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.016 J	--	--	--	**9.6**	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.035 U	--	--	--	**5.3**	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.0073 J	--	--	--	**3.3**	--
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.07 U	--	--	--	17	--
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-05**	**SB-WI-05**	**SB-WI-05**	**SB-WI-05**	**SB-WI-05**	**SB-WI-05**
					Coordinates (Northing, Easting)	**202775.893, 995523.212**	**202775.893, 995523.212**	**202775.893, 995523.212**	**202775.893, 995523.212**	**202775.893, 995523.212**	**202775.893, 995523.212**
					Sample Name	**224402-SB-WI-05-19-21**	**224402-SB-WI-05-AR-30-32**	**224402-SB-WI-05-AR-32-34**	**224402-SB-WI-05-AR-45-47**	**224402-SB-WI-05-48-50**	**224402-SB-WI-05-AR-71-73**
					Depth Range (ft bgs)	**19 - 21**	**30 - 32**	**32 - 34**	**45 - 47**	**48 - 50**	**71 - 73**
					Parent Sample ID						
					Sample Date	**9/16/2025**	**9/16/2025**	**9/16/2025**	**9/16/2025**	**9/16/2025**	**9/16/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**Y**	**Y**	**Y**	**N**	**Y**
					Number of Archived Samples Per Boring	**4**					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.18 U	--	--	--	2.3	--
Chrysene	1	4.9	47	1	mg/kg	0.021 J	--	--	--	**19**	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.035 U	--	--	--	**1.6**	--
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.36 U	--	--	--	**6.1**	--
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Fluoranthene	85	100	500	1000	mg/kg	0.044	--	--	--	32	--
Fluorene	30	100	500	386	mg/kg	0.0094 J	--	--	--	**51**	--
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.035 U	--	--	--	**4.9**	--
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Naphthalene	12	100	500	12	mg/kg	0.048	--	--	--	**590**	--
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.067	--	--	--	**130**	--
Phenol	0.33	100	500	0.33	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
Pyrene	64	100	500	1000	mg/kg	0.062	--	--	--	56	--
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.36 U	--	--	--	< 0.82 U	--
SVOCs (SVOCs 8270E SIM - Priority PAHs)											
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.012 J	--	--	--	--	--
Acenaphthene	20	100	500	98	mg/kg	< 0.035 U	--	--	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.0094 J	--	--	--	--	--
Anthracene	100	100	500	1000	mg/kg	0.010 J	--	--	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.025 J	--	--	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.014 J	--	--	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.015 J	--	--	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.035 U	--	--	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.035 U	--	--	--	--	--
Chrysene	1	4.9	47	1	mg/kg	0.022 J	--	--	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.035 U	--	--	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.041	--	--	--	--	--
Fluorene	30	100	500	386	mg/kg	< 0.035 U	--	--	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.035 U	--	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.044	--	--	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.059	--	--	--	--	--
Pyrene	64	100	500	1000	mg/kg	0.063	--	--	--	--	--
SVOCs SIM (SVOCs 8270E SIM(M))											
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	4.35 J	3.55 J	3.79 J	1120 J	R
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	143 J	152 J	104 J	28900 J	0.00180 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	46.6 J	47.8 J	34.8 J	10000 J	0.000605 J
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	242 J	248 J	177 J	47500 J	0.00248 J

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05
					Coordinates (Northing, Easting)	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212
					Sample Name	224402-SB-WI-05-19-21	224402-SB-WI-05-AR-30-32	224402-SB-WI-05-AR-32-34	224402-SB-WI-05-AR-45-47	224402-SB-WI-05-48-50	224402-SB-WI-05-AR-71-73
					Depth Range (ft bgs)	19 - 21	30 - 32	32 - 34	45 - 47	48 - 50	71 - 73
					Parent Sample ID						
					Sample Date	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	N
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	Y	Y	Y	N	Y
					Number of Archived Samples Per Boring	4					
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Acenaphthene	20	100	500	98	mg/kg	--	10.4 J	11.6 J	6.54 J	2180 J	0.00113 J
Acenaphthylene	100	100	500	365	mg/kg	--	**112 J**	**116 J**	73.1 J	20300 J	0.00419 J
Anthracene	100	100	500	1000	mg/kg	--	51.6 J	52.1 J	31.1 J	8920 J	0.00556 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	**26.6 J**	**25.5 J**	**17.1 J**	4800 J	0.00201 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	17.4 J	20.2 J	11 J	3130 J	0.00211 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	**7.9 J**	**9 J**	**4.58 J**	1260 J	0.000831 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	**5.06 J**	**6.63 J**	**3.12 J**	919 J	0.00107 J
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	11 J	12.1 J	6.42 J	1840 J	0.00123 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	7.18 J	8.49 J	4.59 J	1330 J	0.000903 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	20 J	21.4 J	12.8 J	3500 J	0.000392 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	15.1 J	16.1 J	11.9 J	3430 J	0.00404 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	16 J	14.3 J	10.4 J	3050 J	0.000460 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	58.2 J	52.2 J	39.8 J	11200 J	0.00891 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	24.2 J	23.6 J	17 J	4940 J	0.00111 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	240 J	265 J	175 J	47600 J	0.00288 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	84.7 J	79.6 J	60.3 J	17400 J	0.00570 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	5.32 J	6.07 J	4.78 J	1400 J	0.00211 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	8.9 J	7.82 J	7.05 J	2070 J	0.000840 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	14.5 J	13.6 J	12.1 J	3540 J	0.00350 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	10.6 J	10.9 J	10.2 J	3110 J	0.00230 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	89.2 J	97 J	67.6 J	19900 J	0.00269 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	27.6 J	24.3 J	24.3 J	7040 J	0.00344 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	2.09 J	2.62 J	2 J	594 J	R
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	3.37 J	3.02 J	3.23 J	940 J	R
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	4.04 J	4.17 J	3.97 J	1160 J	0.00183 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	3.93 J	3.71 J	4.53 J	1410 J	R
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	24.8 J	26.3 J	21.6 J	6500 J	0.00243 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	6.16 J	5.83 J	6.52 J	1920 J	0.00182 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.957 J	1.16 J	0.671 J	307 J	R
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.881 J	0.849 J	0.918 J	293 J	R
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	1.31 J	1.61 J	1.38 J	426 J	R
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	5.58 J	6.05 J	5.97 J	1820 J	R
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	1.18 J	1.23 J	1.6 J	533 J	R
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	21.5 J	22.1 J	14.3 J	4090 J	0.00182 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	1.93 J	2.19 J	1.2 J	342 J	0.000528 J
Dibenzofuran	2.1	18	180	110	mg/kg	--	**9.13 J**	**11.2 J**	**4.59 J**	1300 J	0.000396 J
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	17.8 J	17.3 J	9.75 J	2800 J	0.000588 J
Fluoranthene	85	100	500	1000	mg/kg	--	49.9 J	45.2 J	27.2 J	7550 J	0.00227 J
Fluorene	30	100	500	386	mg/kg	--	**61.1 J**	**60.6 J**	**33.3 J**	9150 J	0.00257 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	**5.54 J**	**6.6 J**	**3.24 J**	924 J	0.00146 J
Naphthalene	12	100	500	12	mg/kg	--	**486 J**	**471 J**	**403 J**	133000 J	0.00628 J
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	2.4 J	2.95 J	1.45 J	411 J	0.00226 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	171 J	164 J	98.6 J	27400 J	0.00756 J
Pyrene	64	100	500	1000	mg/kg	--	**70.4 J**	63.2 J	41.8 J	11600 J	0.00340 J
Retene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.127 UJ	R	< 0.0874 UJ	< 0.0454 UJ	R
Metals (SW6010D/SW7196A/SW7471B/SW9014)											
Aluminum	NSL	NSL	NSL	NSL	mg/kg	1930	--	--	--	3200	--
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 8.41 UJ	--	--	--	< 4.8 UJ	--
Arsenic	13	16	16	16	mg/kg	2.44	--	--	--	2.33	--
Barium	410	410	410	820	mg/kg	24.5	--	--	--	51.2	--
Beryllium	4.4	43	670	47	mg/kg	0.262 J	--	--	--	0.228 J	--
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 1.68 U	--	--	--	< 0.961 U	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05
					Coordinates (Northing, Easting)	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212
					Sample Name	224402-SB-WI-05-19-21	224402-SB-WI-05-AR-30-32	224402-SB-WI-05-AR-32-34	224402-SB-WI-05-AR-45-47	224402-SB-WI-05-48-50	224402-SB-WI-05-AR-71-73
					Depth Range (ft bgs)	19 - 21	30 - 32	32 - 34	45 - 47	48 - 50	71 - 73
					Parent Sample ID						
					Sample Date	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	N
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	Y	Y	Y	N	Y
					Number of Archived Samples Per Boring	4					
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit						
Calcium	NSL	NSL	NSL	NSL	mg/kg	158000	--	--	--	1140	--
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.34 U	--	--	--	< 0.39 U	--
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	12	--	--	--	9.83	--
Cobalt	NSL	NSL	NSL	NSL	mg/kg	3.66	--	--	--	4.3	--
Copper	50	280	280	1720	mg/kg	10.2	--	--	--	9.19	--
Cyanide	2.3	13	28	40	mg/kg	< 0.48 U	--	--	--	< 0.49 U	--
Iron	NSL	NSL	NSL	NSL	mg/kg	8540	--	--	--	14700	--
Lead	63	400	1000	450	mg/kg	1.38 J	--	--	--	3.97 J	--
Magnesium	NSL	NSL	NSL	NSL	mg/kg	95800 J	--	--	--	1480 J	--
Manganese	1600	2000	10000	2000	mg/kg	186	--	--	--	712	--
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.082 U	--	--	--	< 0.091 U	--
Nickel	30	320	320	130	mg/kg	7.2	--	--	--	8.16	--
Potassium	NSL	NSL	NSL	NSL	mg/kg	643	--	--	--	714	--
Selenium	3.9	110	1700	4	mg/kg	< 3.36 U	--	--	--	< 1.92 U	--
Silver	2	110	1700	8.3	mg/kg	< 0.841 U	--	--	--	< 0.48 U	--
Sodium	NSL	NSL	NSL	NSL	mg/kg	206 J	--	--	--	178 J	--
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 3.36 U	--	--	--	< 1.92 U	--
Vanadium	NSL	NSL	NSL	NSL	mg/kg	14.7	--	--	--	14.5	--
Zinc	109	6600	10000	2480	mg/kg	9.23 J	--	--	--	19.6 J	--
PFAS (E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.94 U	--	--	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.94 U	--	--	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.988 UJ	--	--	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.98 U	--	--	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.98 U	--	--	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	--	--	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	--	--	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	--	--	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	--	--	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.791 U	--	--	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05	SB-WI-05
					Coordinates (Northing, Easting)	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212	202775.893, 995523.212
					Sample Name	224402-SB-WI-05-19-21	224402-SB-WI-05-AR-30-32	224402-SB-WI-05-AR-32-34	224402-SB-WI-05-AR-45-47	224402-SB-WI-05-48-50	224402-SB-WI-05-AR-71-73
					Depth Range (ft bgs)	19 - 21	30 - 32	32 - 34	45 - 47	48 - 50	71 - 73
					Parent Sample ID						
					Sample Date	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025	9/16/2025
					Forensics Screening (Y/N)	Y	N	N	N	N	N
					Passed Forensic Screening (Y/N)	N	NA	NA	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	Y	Y	Y	N	Y
					Number of Archived Samples Per Boring	4					
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**						
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	< 0.198 U	--	--	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	--	--	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	--	--	--	--
1,4-Dioxane (SW8270DSIM)											
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.052 U	--	--	--	--	--
PCBs (EPA Method SW8082A)											
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.084 U	--	--	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	--	--	--	--
TOC (LLOYDKAHN)											
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	99000	21000	4000	4200	9600	9700
TPH (SW8015D)											
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	4980 J	4230 J	3870 J	1310000	8.05 J

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-05**
					Coordinates (Northing, Easting)	**202775.893, 995523.212**
					Sample Name	**224402-SB-WI-05-78-80**
					Depth Range (ft bgs)	**78 - 80**
					Parent Sample ID	
					Sample Date	**9/16/2025**
					Forensics Screening (Y/N)	**N**
					Passed Forensic Screening (Y/N)	**NA**
					Forensic Evaluation (Y/N)	**Y**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**4**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
VOCs (TCL VOCs 8260D)						
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.99 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.49 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.99 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.99 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 4.9 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 2 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	2.3
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 4.9 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.49 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.99 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.99 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	0.74 J
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.99 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.99 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 9.9 U
Acetone	0.03	100	500	0.03	mg/kg	< 49 U
Benzene	0.06	3.7	20	0.06	mg/kg	**3.4**
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 4.9 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 4.9 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.99 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.99 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 2 U
Chloroform	0.37	24	180	0.37	mg/kg	< 2 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 2 UJ
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.99 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.49 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 2 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.49 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 2 U
Ethylbenzene	1	76	390	1	mg/kg	**2.7**
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 9.9 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 20 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 9.9 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.99 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 4.9 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	2.6
Naphthalene	12	100	500	12	mg/kg	**76**
N-Butylbenzene	18	100	500	18	mg/kg	< 0.99 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.99 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	1.3
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.99 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-05**
					Coordinates (Northing, Easting)	**202775.893, 995523.212**
					Sample Name	**224402-SB-WI-05-78-80**
					Depth Range (ft bgs)	**78 - 80**
					Parent Sample ID	
					Sample Date	**9/16/2025**
					Forensics Screening (Y/N)	**N**
					Passed Forensic Screening (Y/N)	**NA**
					Forensic Evaluation (Y/N)	**Y**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**4**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Styrene	NSL	NSL	NSL	NSL	mg/kg	0.71 J
T-Butylbenzene	11	100	500	11	mg/kg	0.32 J
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.99 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.99 UJ
Toluene	0.7	100	500	0.7	mg/kg	**3.5**
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.99 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.49 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.99 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 2 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 2 U
Xylenes	0.26	100	500	1.2	mg/kg	**3.9**
SVOCs (TCL SVOCs 8270E)						
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	4.8
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	7.8
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U
Acenaphthene	20	100	500	98	mg/kg	0.33
Acenaphthylene	100	100	500	365	mg/kg	3.2
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Anthracene	100	100	500	1000	mg/kg	1.5
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.78 UJ
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.85
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.57
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.39
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.22
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.16
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.66
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-05**
					Coordinates (Northing, Easting)	**202775.893, 995523.212**
					Sample Name	**224402-SB-WI-05-78-80**
					Depth Range (ft bgs)	**78 - 80**
					Parent Sample ID	
					Sample Date	**9/16/2025**
					Forensics Screening (Y/N)	**N**
					Passed Forensic Screening (Y/N)	**NA**
					Forensic Evaluation (Y/N)	**Y**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**4**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.071 J
Chrysene	1	4.9	47	1	mg/kg	0.79
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.066
Dibenzofuran	2.1	18	180	110	mg/kg	0.25 J
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Fluoranthene	85	100	500	1000	mg/kg	1.7
Fluorene	30	100	500	386	mg/kg	2
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.4 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.21
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Naphthalene	12	100	500	12	mg/kg	**15**
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.4 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	**5.5**
Phenol	0.33	100	500	0.33	mg/kg	< 0.4 U
Pyrene	64	100	500	1000	mg/kg	2.6
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)						
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--
Acenaphthene	20	100	500	98	mg/kg	--
Acenaphthylene	100	100	500	365	mg/kg	--
Anthracene	100	100	500	1000	mg/kg	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--
Chrysene	1	4.9	47	1	mg/kg	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--
Fluoranthene	85	100	500	1000	mg/kg	--
Fluorene	30	100	500	386	mg/kg	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--
Naphthalene	12	100	500	12	mg/kg	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--
Pyrene	64	100	500	1000	mg/kg	--
SVOCs SIM (SVOCs 8270E SIM(M))						
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.134
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	3
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	1.15
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	4.8

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-05**
					Coordinates (Northing, Easting)	**202775.893, 995523.212**
					Sample Name	**224402-SB-WI-05-78-80**
					Depth Range (ft bgs)	**78 - 80**
					Parent Sample ID	
					Sample Date	**9/16/2025**
					Forensics Screening (Y/N)	**N**
					Passed Forensic Screening (Y/N)	**NA**
					Forensic Evaluation (Y/N)	**Y**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**4**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Acenaphthene	20	100	500	98	mg/kg	0.249
Acenaphthylene	100	100	500	365	mg/kg	1.45
Anthracene	100	100	500	1000	mg/kg	1.12
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.936
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.621
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.303
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.2
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.367 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.276
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.44
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.658
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.508
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.72
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.677
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	4.85
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	2.61
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.278
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.332
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.548
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.349
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	2.29
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.988
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.113
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.145
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.165
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.206
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.789
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.254
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0316
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0431
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0623
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.226
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0609
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.796
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.075
Dibenzofuran	2.1	18	180	110	mg/kg	0.173
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.472
Fluoranthene	85	100	500	1000	mg/kg	1.34
Fluorene	30	100	500	386	mg/kg	1.46
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.208
Naphthalene	12	100	500	12	mg/kg	8.41
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.0946
Phenanthrene	1.1	4.9	47	1000	mg/kg	**4.48**
Pyrene	64	100	500	1000	mg/kg	1.98
Retene	NSL	NSL	NSL	NSL	mg/kg	< 0.00239 U
Metals (SW6010D/SW7196A/SW7471B/SW9014)						
Aluminum	NSL	NSL	NSL	NSL	mg/kg	3320
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.42 UJ
Arsenic	13	16	16	16	mg/kg	1.28
Barium	410	410	410	820	mg/kg	25.3
Beryllium	4.4	43	670	47	mg/kg	0.354 J
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.884 U

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-05**
					Coordinates (Northing, Easting)	**202775.893, 995523.212**
					Sample Name	**224402-SB-WI-05-78-80**
					Depth Range (ft bgs)	**78 - 80**
					Parent Sample ID	
					Sample Date	**9/16/2025**
					Forensics Screening (Y/N)	**N**
					Passed Forensic Screening (Y/N)	**NA**
					Forensic Evaluation (Y/N)	**Y**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**4**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Calcium	NSL	NSL	NSL	NSL	mg/kg	836
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.93 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	9.94
Cobalt	NSL	NSL	NSL	NSL	mg/kg	5.86
Copper	50	280	280	1720	mg/kg	8.9
Cyanide	2.3	13	28	40	mg/kg	< 0.5 U
Iron	NSL	NSL	NSL	NSL	mg/kg	17900
Lead	63	400	1000	450	mg/kg	4.73
Magnesium	NSL	NSL	NSL	NSL	mg/kg	1160 J
Manganese	1600	2000	10000	2000	mg/kg	461
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.077 U
Nickel	30	320	320	130	mg/kg	6.97
Potassium	NSL	NSL	NSL	NSL	mg/kg	429
Selenium	3.9	110	1700	4	mg/kg	< 1.77 U
Silver	2	110	1700	8.3	mg/kg	< 0.442 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	< 177 U
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.77 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	12.9
Zinc	109	6600	10000	2480	mg/kg	27.5 J
PFAS (E1633)						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--

Table K-2. Former Williamsburg MGP (AOI 3) Unrestriced Use Soil Analytical Results

					Location ID	**SB-WI-05**
					Coordinates (Northing, Easting)	**202775.893, 995523.212**
					Sample Name	**224402-SB-WI-05-78-80**
					Depth Range (ft bgs)	**78 - 80**
					Parent Sample ID	
					Sample Date	**9/16/2025**
					Forensics Screening (Y/N)	**N**
					Passed Forensic Screening (Y/N)	**NA**
					Forensic Evaluation (Y/N)	**Y**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**4**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--
1,4-Dioxane (SW8270DSIM)						
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--
PCBs (EPA Method SW8082A)						
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--
Total PCBs	0.1	1	1	3.2	mg/kg	--
TOC (LLOYDKAHN)						
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	15000
TPH (SW8015D)						
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	128

Notes:

SCOs are determined by applicable land use and Table 375-6.8 (a and b) of 6 NYCRR Part 375 (December 2025).

[1]NYSDEC SCO UU = Unrestricted Use Soil Cleanup Objectives

[2]RR SCO = Restricted Residential Use Soil Cleanup Objectives

[3]COM SCO = Commercial Use Soil Cleanup Objectives

[4]PROGW SCO = Protection of Groundwater Soil Cleanup Objectives

NYCRR = New York State Register and Official Compilation of Codes, Rules, and Regulations of the State of New York

µg/kg = microgram(s) per kilogram

mg/kg = milligram(s) per kilogram

ft bgs = foot (feet) below ground surface

-- = Not analyzed

J = Estimated value

R = Data are unusable

U = Compound was analyzed, but not detected

NSL = No screening level available

PCB = polychlorinated biphenyls

VOC = volatile organic compound

Concentrations exceeding the NYSDEC SCO UU standard are bolded.

Concentrations exceeding the NYSDEC SCO RR standard are shaded.

Concentrations exceeding the NYSDEC SCO COM standard are printed in red font.

Concentrations exceeding the NYSDEC SCO PRO GW standard are outlined.

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**
					Coordinates (Northing, Easting)	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**
					Sample Name	**224341-SB-CT-01-00-0.5**	**224341-SB-CT-01-14-16**	**224341-SB-CT-01-AR-23-24**	**224341-SB-CT-01-30-32**	**224341-SB-CT-01-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**14 - 16**	**23 - 24**	**30 - 32**	**68 - 70**
					Parent Sample ID					
					Sample Date	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**Y**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.032 U	--	< 0.49 U	< 0.00078 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.063 U	--	< 0.97 U	< 0.0078 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0035 U	< 0.063 U	--	< 0.97 U	< 0.0031 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.32 U	--	< 4.9 U	< 0.0016 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.13 U	--	< 1.9 U	< 0.0016 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0018 U	0.27 J	--	0.79 J	< 0.0016 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.32 U	--	< 4.9 U	< 0.0016 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.032 UJ	--	< 0.49 UJ	< 0.00078 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0018 U	0.085 J	--	0.45 J	< 0.0016 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.63 U	--	< 9.7 U	< 0.016 U
Acetone	0.03	100	500	0.03	mg/kg	0.015 J	**0.27 J**	--	< 49 U	< 0.078 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	0.0016 J	**0.17 J**	--	< 0.97 U	< 0.0016 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 UJ	< 0.32 U	--	< 4.9 U	< 0.0078 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.32 U	--	< 4.9 U	< 0.016 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.13 U	--	< 1.9 U	< 0.016 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0035 U	< 0.13 U	--	< 1.9 U	< 0.0031 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.13 UJ	--	< 1.9 UJ	< 0.0078 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.032 U	--	< 0.49 U	< 0.00078 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.13 U	--	< 1.9 U	< 0.0078 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	0.23 J	--	0.15 J	< 0.0016 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.032 U	--	< 0.49 U	< 0.00078 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.13 U	--	< 1.9 U	< 0.016 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0018 U	0.26 J	--	< 0.97 U	< 0.0016 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	3.1 J	--	< 0.97 U	< 0.0016 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	0.52 J	--	< 9.7 U	< 0.0016 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.035 U	< 1.3 U	--	< 19 U	< 0.031 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.63 U	--	< 9.7 U	< 0.016 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	2.5 J	--	< 0.97 U	< 0.0016 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.018 U	< 0.32 U	--	< 4.9 U	< 0.016 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	0.45 J	--	< 1.9 U	< 0.0031 U
Naphthalene	12	100	500	12	mg/kg	< 0.0035 U	< 0.13 U	--	**21**	< 0.0031 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0018 U	3.7 J	--	< 0.97 U	< 0.0016 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	0.052 J	--	< 0.97 U	< 0.0016 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0018 U	1.0 J	--	< 0.97 U	< 0.0016 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**
					Coordinates (Northing, Easting)	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**
					Sample Name	**224341-SB-CT-01-00-0.5**	**224341-SB-CT-01-14-16**	**224341-SB-CT-01-AR-23-24**	**224341-SB-CT-01-30-32**	**224341-SB-CT-01-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**14 - 16**	**23 - 24**	**30 - 32**	**68 - 70**
					Parent Sample ID					
					Sample Date	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**Y**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0018 U	0.19 J	--	< 0.97 U	< 0.0016 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0035 U	< 0.063 U	--	< 0.97 U	< 0.0031 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0018 U	< 0.063 UJ	--	< 0.97 UJ	< 0.0016 U
Toluene	0.7	100	500	0.7	mg/kg	0.00053 J	0.12 J	--	< 0.97 U	< 0.0016 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00089 U	< 0.032 U	--	< 0.49 U	< 0.00078 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0018 U	< 0.063 U	--	< 0.97 U	< 0.0016 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0089 U	< 0.13 U	--	< 1.9 U	< 0.0078 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0089 UJ	< 0.13 U	--	< 1.9 U	< 0.0078 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0018 U	**0.50 J**	--	< 0.97 U	< 0.0016 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.21	0.24	--	3.1	< 0.039 U
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.82 U	--	< 1.1 U	< 0.8 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.81 U	--	< 1.1 U	< 0.79 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.19	0.25	--	5.1	< 0.039 U
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	0.12 J	< 0.41 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.21 U	--	< 0.29 U	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.81 U	--	< 1.1 U	< 0.79 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.81 U	--	< 1.1 U	< 0.79 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.81 U	--	< 1.1 U	< 0.79 U
Acenaphthene	20	100	500	98	mg/kg	0.26	0.43	--	3.7	< 0.039 U
Acenaphthylene	100	100	500	365	mg/kg	0.086	0.036 J	--	0.53	< 0.039 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Anthracene	100	100	500	1000	mg/kg	0.6	0.31	--	6.7	< 0.039 U
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.82 U	--	< 1.1 U	< 0.8 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	< 0.42 UJ	--	< 0.58 UJ	< 0.41 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**1.5**	0.65	--	**6.9**	< 0.039 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**1.6**	0.99	--	**5.6**	< 0.039 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.7**	1	--	**5.8**	< 0.039 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**0.99**	0.53	--	**1.7**	< 0.039 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.65	0.37	--	**2.4**	< 0.039 U
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.078 U	< 0.082 U	--	1.1	< 0.08 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**
					Coordinates (Northing, Easting)	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**
					Sample Name	**224341-SB-CT-01-00-0.5**	**224341-SB-CT-01-14-16**	**224341-SB-CT-01-AR-23-24**	**224341-SB-CT-01-30-32**	**224341-SB-CT-01-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**14 - 16**	**23 - 24**	**30 - 32**	**68 - 70**
					Parent Sample ID					
					Sample Date	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**Y**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.21	0.091 J	--	1.3	< 0.2 U
Chrysene	1	4.9	47	1	mg/kg	**1.4**	0.6	--	**6**	< 0.039 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.26	0.19	--	**0.56**	< 0.039 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.13 J	0.25 J	--	**3.9**	< 0.41 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Fluoranthene	85	100	500	1000	mg/kg	3.2	1.3	--	14	< 0.039 U
Fluorene	30	100	500	386	mg/kg	0.34	0.4	--	5.3	< 0.039 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**1**	**0.62**	--	**2.1**	< 0.039 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Naphthalene	12	100	500	12	mg/kg	0.25	0.34	--	12	< 0.039 U
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	**2.5**	**1.4**	--	**19**	< 0.039 U
Phenol	0.33	100	500	0.33	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
Pyrene	64	100	500	1000	mg/kg	3	1.2	--	14	< 0.039 U
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.42 U	--	< 0.58 U	< 0.41 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.065	--	--	1.3	< 0.04 U
Acenaphthene	20	100	500	98	mg/kg	0.065	--	--	1	< 0.04 U
Acenaphthylene	100	100	500	365	mg/kg	0.075	--	--	0.19	< 0.04 U
Anthracene	100	100	500	1000	mg/kg	0.17	--	--	1.7	< 0.04 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.73	--	--	**2.1**	< 0.04 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.85	--	--	**1.7**	< 0.04 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.97	--	--	**2**	< 0.04 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.57	--	--	**0.72**	< 0.04 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.37	--	--	0.71	< 0.04 U
Chrysene	1	4.9	47	1	mg/kg	0.67	--	--	**1.6**	< 0.04 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.13	--	--	0.28	< 0.04 U
Fluoranthene	85	100	500	1000	mg/kg	1.4	--	--	4.9	< 0.04 U
Fluorene	30	100	500	386	mg/kg	0.092	--	--	1.5	< 0.04 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.55**	--	--	**0.8**	< 0.04 U
Naphthalene	12	100	500	12	mg/kg	0.07	--	--	4.1	< 0.04 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.7	--	--	**5.1**	< 0.04 U
Pyrene	64	100	500	1000	mg/kg	1.3	--	--	4.1	< 0.04 U
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0360 J	0.251	0.348 J	0.589 J	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.171 J	0.325	4.02 J	5.32 J	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.16 J	1.69	2.25 J	3.44 J	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**
					Coordinates (Northing, Easting)	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**
					Sample Name	**224341-SB-CT-01-00-0.5**	**224341-SB-CT-01-14-16**	**224341-SB-CT-01-AR-23-24**	**224341-SB-CT-01-30-32**	**224341-SB-CT-01-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**14 - 16**	**23 - 24**	**30 - 32**	**68 - 70**
					Parent Sample ID					
					Sample Date	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**Y**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.177 J	0.363	6.7 J	9.03 J	--
Acenaphthene	20	100	500	98	mg/kg	0.295 J	0.808	5.35 J	7.22 J	--
Acenaphthylene	100	100	500	365	mg/kg	0.325 J	0.0621	0.492 J	1.4 J	--
Anthracene	100	100	500	1000	mg/kg	0.848 J	0.546	7.29 J	15.7 J	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**2.66 J**	**1.01**	**6.47 J**	**15.4 J**	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**2.98 J**	**1.3**	**5.38 J**	**13.9 J**	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**2.48 J**	0.992	**3.94 J**	**9.28 J**	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**2.16 J**	**1.1**	**2.38 J**	**5.87 J**	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	2.19 J	1.02	4.01 J	10.8 J	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	1.92 J	0.842	2.88 J	6.93 J	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0384 J	0.0709	1.52 J	2.12 J	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	1.17 J	0.623	2.96 J	7.29 J	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.138 J	0.112	0.722 J	1.36 J	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.82 J	0.81	6.78 J	15.4 J	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.164 J	0.188	1.6 J	3.03 J	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.24 J	0.47	7.46 J	9.95 J	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	1.26 J	0.842	6.95 J	15.4 J	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.57 J	0.392	1.35 J	3.39 J	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.1 J	0.135	0.373 J	0.814 J	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	1.01 J	0.422	2.04 J	5.15 J	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.158 J	0.276	0.834 J	1.81 J	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.394 J	3.65	4.53 J	6.94 J	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.705 J	0.751	3.16 J	7.07 J	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.447 J	0.386	0.945 J	2.48 J	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0583 J	0.115	0.182 J	0.402 J	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.427 J	0.295	0.774 J	1.94 J	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.255 J	0.343	0.617 J	1.02 J	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.271 J	1.64	2.15 J	3.48 J	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.292 J	0.437	1.31 J	2.81 J	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.219 J	0.215	0.327 J	0.941 J	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0338 J	0.0547	0.0800 J	0.15 J	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.27 J	0.22	0.461 J	1.17 J	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.133 J	0.64	0.905 J	1.38 J	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.106 J	0.244	0.787 J	1.16 J	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	2.38 J	0.869	5.39 J	12.6 J	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.536 J	0.362	0.872 J	2.32 J	--
Dibenzofuran	2.1	18	180	110	mg/kg	0.196 J	0.444	**5.57 J**	**7.86 J**	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.186 J	0.168	1.51 J	2.54 J	--
Fluoranthene	85	100	500	1000	mg/kg	4.25 J	2.24	11 J	23.4 J	--
Fluorene	30	100	500	386	mg/kg	0.375 J	0.755	6.06 J	9.85 J	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**2.04 J**	**1.11**	**2.68 J**	**6.68 J**	--
Naphthalene	12	100	500	12	mg/kg	0.191 J	0.808 J	**16 J**	**23.4 J**	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.828 J	0.366	1.83 J	3.96 J	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	**3.31 J**	**2.49**	**18.8 J**	**35.2 J**	--
Pyrene	64	100	500	1000	mg/kg	3.94 J	1.75	9.2 J	19 J	--
Retene	NSL	NSL	NSL	NSL	mg/kg	0.0212 J	0.218	1.26 J	1.05 J	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	3230	6190	--	14800	11500
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.58 UJ	< 4.81 UJ	--	< 6.52 UJ	< 6.55 UJ
Arsenic	13	16	16	16	mg/kg	3.06	3.03	--	**18.2**	2.97
Barium	410	410	410	820	mg/kg	35.8	98.1	--	72.7	56.5
Beryllium	4.4	43	670	47	mg/kg	0.160 J	0.363 J	--	0.808	1.11

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**
					Coordinates (Northing, Easting)	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**
					Sample Name	**224341-SB-CT-01-00-0.5**	**224341-SB-CT-01-14-16**	**224341-SB-CT-01-AR-23-24**	**224341-SB-CT-01-30-32**	**224341-SB-CT-01-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**14 - 16**	**23 - 24**	**30 - 32**	**68 - 70**
					Parent Sample ID					
					Sample Date	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**Y**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.916 U	0.181 J	--	0.147 J	< 1.31 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	28200	5820	--	3700	1470
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.37 U	< 0.39 U	--	< 2.7 UJ	< 4.7 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	10.9	12.3	--	31.5	20.7
Cobalt	NSL	NSL	NSL	NSL	mg/kg	2.78	5.27	--	11.2	17.4
Copper	50	280	280	1720	mg/kg	43.8	37.3	--	**76.6**	34.8
Cyanide	2.3	13	28	40	mg/kg	1.5	< 0.51 U	--	< 0.84 UJ	< 0.6 UJ
Iron	NSL	NSL	NSL	NSL	mg/kg	11500	13600	--	31000	38300
Lead	63	400	1000	450	mg/kg	43.2 J	**104 J**	--	**147**	19.1
Magnesium	NSL	NSL	NSL	NSL	mg/kg	9080	2220	--	6910 J	3850 J
Manganese	1600	2000	10000	2000	mg/kg	140	282	--	674	1160
Mercury	0.18	0.3	1.1	0.73	mg/kg	0.165	0.116	--	**1.57**	< 0.112 U
Nickel	30	320	320	130	mg/kg	14.9	11.3	--	28	24.4
Potassium	NSL	NSL	NSL	NSL	mg/kg	738 J	743 J	--	2440	1290
Selenium	3.9	110	1700	4	mg/kg	< 1.83 U	< 1.92 U	--	< 2.61 U	< 2.62 U
Silver	2	110	1700	8.3	mg/kg	< 0.458 U	< 0.481 U	--	0.658	< 0.655 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	238	293	--	2050	769
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.83 U	< 1.92 U	--	< 2.61 U	< 2.62 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	12.4	17.7	--	34.5	24.8
Zinc	109	6600	10000	2480	mg/kg	**140**	**239**	--	**133 J**	91.5 J
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.9 U	< 4.99 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.9 U	< 4.99 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.981 UJ	< 0.999 UJ	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.96 U	< 2 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.96 U	< 2 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.392 U	< 0.4 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.392 U	< 0.4 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.392 U	< 0.4 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.392 U	< 0.4 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	0.697 J	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.785 U	< 0.799 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	0.207	< 0.2 U	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	0.127 J	< 0.2 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	0.385	< 0.2 U	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	0.107 J	< 0.2 U	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	0.207	< 0.2 U	--	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**	**SB-CT-01**
					Coordinates (Northing, Easting)	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**	**202909.1, 994983.9**
					Sample Name	**224341-SB-CT-01-00-0.5**	**224341-SB-CT-01-14-16**	**224341-SB-CT-01-AR-23-24**	**224341-SB-CT-01-30-32**	**224341-SB-CT-01-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**14 - 16**	**23 - 24**	**30 - 32**	**68 - 70**
					Parent Sample ID					
					Sample Date	**9/18/2025**	**9/18/2025**	**9/18/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**Y**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	3.05	< 0.2 U	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	**0.941**	0.142 J	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.49	0.112 J	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	0.242 J	< 0.4 U	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.196 U	< 0.2 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	2.95	< 0.2 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	7.59	< 0.2 U	--	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.29 U	< 0.6 U	--	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.076 J	< 0.098 U	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.093 U	< 0.098 U	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	0.076	--	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	15000	19000	53000 J	50000 J	6900 J
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	382 J	2800	976 J	1720 J	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-02-00-0.5**	**224341-SB-CT-02-18-20**	**224341-SB-CT-02-20-22**	**224341-SB-CT-02-28-30**	**224341-SB-CT-03-00-0.5**
					Depth Range (ft bgs)	**0 - 0.5**	**18 - 20**	**20 - 22**	**28 - 30**	**0 - 0.5**
					Parent Sample ID					
					Sample Date	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**Y**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				**1**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.14 U	< 0.0018 U	< 0.00083 U	< 0.00077 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.28 U	< 0.018 U	< 0.0083 U	< 0.0077 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0039 U	< 0.28 U	< 0.0074 U	< 0.0033 U	< 0.0031 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 1.4 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.56 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0019 U	0.20 J	0.012	< 0.0017 U	< 0.0015 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 1.4 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.14 U	< 0.0018 U	< 0.00083 U	< 0.00077 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0019 U	0.050 J	0.0053	< 0.0017 U	< 0.0015 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 2.8 U	< 0.037 U	< 0.017 U	< 0.015 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.097 UJ	**0.56 J**	**0.039 J**	< 0.083 UJ	< 0.077 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0019 U	**4.4 J**	0.014	< 0.0017 U	< 0.0015 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 UJ	< 1.4 UJ	< 0.018 UJ	< 0.0083 UJ	< 0.0077 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 1.4 U	< 0.037 U	< 0.017 U	< 0.015 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.56 UJ	< 0.037 U	< 0.017 U	< 0.015 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0039 U	< 0.56 U	< 0.0074 U	< 0.0033 U	< 0.0031 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.56 UJ	< 0.018 U	< 0.0083 U	< 0.0077 UJ
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.14 U	< 0.0018 U	< 0.00083 U	< 0.00077 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.56 U	< 0.018 U	< 0.0083 U	< 0.0077 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	0.016	< 0.0017 U	< 0.0015 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.14 U	< 0.0018 U	< 0.00083 U	< 0.00077 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 0.56 U	< 0.037 U	< 0.017 U	< 0.015 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0019 U	**1.1**	0.037	< 0.0017 U	< 0.0015 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	0.031	< 0.0017 U	< 0.0015 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 2.8 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.039 U	**0.76 J**	< 0.074 U	0.018 J	< 0.031 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.019 U	< 2.8 U	< 0.037 U	< 0.017 U	< 0.015 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	0.10 J	0.013	< 0.0017 U	< 0.0015 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.019 U	< 1.4 U	< 0.037 U	< 0.017 U	< 0.015 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0039 U	2.4	0.0035 J	< 0.0033 U	< 0.0031 U
Naphthalene	12	100	500	12	mg/kg	< 0.0039 U	< 0.56 U	0.17	< 0.0033 U	< 0.0031 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0019 U	< 0.28 U	0.0020 J	< 0.0017 U	< 0.0015 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0019 U	0.16 J	0.0068	< 0.0017 U	< 0.0015 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	0.11 J	0.006	< 0.0017 U	< 0.0015 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-02-00-0.5**	**224341-SB-CT-02-18-20**	**224341-SB-CT-02-20-22**	**224341-SB-CT-02-28-30**	**224341-SB-CT-03-00-0.5**
					Depth Range (ft bgs)	**0 - 0.5**	**18 - 20**	**20 - 22**	**28 - 30**	**0 - 0.5**
					Parent Sample ID					
					Sample Date	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**Y**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				**1**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0039 U	< 0.28 U	< 0.0074 U	< 0.0033 U	< 0.0031 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0019 U	**4.2**	< 0.0037 U	< 0.0017 U	< 0.0015 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0019 U	**0.92**	< 0.0037 U	< 0.0017 U	< 0.0015 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00097 U	< 0.14 U	< 0.0018 U	< 0.00083 U	< 0.00077 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0019 U	< 0.28 U	< 0.0037 U	< 0.0017 U	< 0.0015 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0097 U	< 0.56 U	< 0.018 U	< 0.0083 U	< 0.0077 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0097 UJ	< 0.56 U	< 0.018 UJ	< 0.0083 UJ	< 0.0077 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0019 U	**2.4**	< 0.0037 U	< 0.0017 U	< 0.0015 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.044 U	0.31	1.8	< 0.04 U	< 0.038 U
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.89 U	< 0.81 U	< 1.2 U	< 0.81 U	< 0.78 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.87 U	< 0.8 UJ	< 1.2 U	< 0.8 U	< 0.76 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 UJ
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.044 U	0.36	1.8	< 0.04 U	< 0.038 U
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	0.35 J	< 0.41 U	< 0.39 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.23 U	< 0.21 UJ	< 0.31 U	< 0.21 U	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.87 U	< 0.8 U	< 1.2 U	< 0.8 U	< 0.76 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.87 U	< 0.8 UJ	< 1.2 U	< 0.8 U	< 0.76 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.87 U	< 0.8 U	< 1.2 U	< 0.8 U	< 0.76 U
Acenaphthene	20	100	500	98	mg/kg	< 0.044 U	1.3	3	< 0.04 U	< 0.038 U
Acenaphthylene	100	100	500	365	mg/kg	< 0.044 U	0.19	0.42	< 0.04 U	< 0.038 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 UJ	< 0.61 U	< 0.41 U	< 0.39 U
Anthracene	100	100	500	1000	mg/kg	0.0088 J	0.67	10	< 0.04 U	0.019 J
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.89 U	< 0.81 U	< 1.2 U	< 0.81 U	< 0.78 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.45 UJ	< 0.41 UJ	< 0.61 UJ	< 0.41 UJ	< 0.39 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.044	0.97	**11**	< 0.04 U	0.078
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.046	**1.1**	**9.4**	< 0.04 U	0.085
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.071	**1.2**	**9.4**	< 0.04 U	0.11
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.038 J	**0.76 J**	**4.6**	< 0.04 U	0.086
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.022 J	0.43	**3.5**	< 0.04 U	0.038 J
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.089 U	< 0.081 U	0.44	< 0.081 U	< 0.078 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-02-00-0.5**	**224341-SB-CT-02-18-20**	**224341-SB-CT-02-20-22**	**224341-SB-CT-02-28-30**	**224341-SB-CT-03-00-0.5**
					Depth Range (ft bgs)	**0 - 0.5**	**18 - 20**	**20 - 22**	**28 - 30**	**0 - 0.5**
					Parent Sample ID					
					Sample Date	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**Y**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				**1**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 UJ	< 0.61 U	< 0.41 U	< 0.39 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.23 U	0.11 J	0.84	< 0.21 U	< 0.2 U
Chrysene	1	4.9	47	1	mg/kg	0.045	0.99	**9.8**	< 0.04 U	0.095
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.044 U	0.17 J	**1.5**	< 0.04 U	0.024 J
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.45 U	0.21 J	**3**	< 0.41 U	< 0.39 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Fluoranthene	85	100	500	1000	mg/kg	0.069	1.9 J	24	< 0.04 U	0.17
Fluorene	30	100	500	386	mg/kg	< 0.044 U	0.64	4.8	< 0.04 U	< 0.038 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	R	< 0.61 U	< 0.41 U	< 0.39 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.036 J	**0.68 J**	**5**	< 0.04 U	0.077
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Naphthalene	12	100	500	12	mg/kg	< 0.044 U	0.74	4.5	< 0.04 U	< 0.038 U
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 U	< 0.61 U	< 0.41 U	< 0.39 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.45 U	< 0.41 UJ	< 0.61 U	< 0.41 U	< 0.39 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.031 J	**2.2 J**	**26**	< 0.04 U	0.068
Phenol	0.33	100	500	0.33	mg/kg	< 0.45 U	< 0.41 U	0.32 J	< 0.41 U	< 0.39 U
Pyrene	64	100	500	1000	mg/kg	0.061	2.0 J	23	< 0.04 U	0.19
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.45 U	< 0.41 UJ	< 0.61 U	< 0.41 U	< 0.39 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.038 U	--	1.8	< 0.04 U	< 0.039 U
Acenaphthene	20	100	500	98	mg/kg	< 0.038 U	--	2.3	< 0.04 U	< 0.039 U
Acenaphthylene	100	100	500	365	mg/kg	< 0.038 U	--	0.34	< 0.04 U	< 0.039 U
Anthracene	100	100	500	1000	mg/kg	0.015 J	--	6.3	< 0.04 U	< 0.039 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.088	--	**9.6**	< 0.04 U	0.040 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.099	--	**8.5**	< 0.04 U	0.045 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.11	--	**9.2**	< 0.04 U	0.068 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.068	--	**3.2**	< 0.04 U	0.043 J
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.06	--	**4.4**	< 0.04 U	0.020 J
Chrysene	1	4.9	47	1	mg/kg	0.074	--	**8.1**	< 0.04 U	0.034 J
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.038 U	--	**1.1**	< 0.04 U	< 0.039 U
Fluoranthene	85	100	500	1000	mg/kg	0.11	--	18	< 0.04 U	0.054 J
Fluorene	30	100	500	386	mg/kg	< 0.038 U	--	3.8	< 0.04 U	< 0.039 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.072	--	**4.2**	< 0.04 U	0.044 J
Naphthalene	12	100	500	12	mg/kg	< 0.038 U	--	4.5	< 0.04 U	< 0.039 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.05	--	**15**	< 0.04 U	0.018 J
Pyrene	64	100	500	1000	mg/kg	0.14	--	14	< 0.04 U	0.083 J
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.00144 J	1.44	0.708 J	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.00389 J	0.51	3.44 J	--	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.00385 J	8.99	3.3 J	--	--

Table K-3. Citi Storage (AOI 4) Unrestricted Use Soil Analytical Results

					Location ID	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-02-00-0.5**	**224341-SB-CT-02-18-20**	**224341-SB-CT-02-20-22**	**224341-SB-CT-02-28-30**	**224341-SB-CT-03-00-0.5**
					Depth Range (ft bgs)	**0 - 0.5**	**18 - 20**	**20 - 22**	**28 - 30**	**0 - 0.5**
					Parent Sample ID					
					Sample Date	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**Y**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				**1**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.00512 J	0.643 J	3.67 J	--	--
Acenaphthene	20	100	500	98	mg/kg	0.00377 J	3.52	5.14 J	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.00500 J	0.438 J	0.611 J	--	--
Anthracene	100	100	500	1000	mg/kg	0.0178 J	1.53 J	15.3 J	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.0705 J	**1.74**	**14.7 J**	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.0859 J	**2.05**	**14.6 J**	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.0804 J	**1.45**	**11.8 J**	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.0714 J	**1.52**	**6.64 J**	--	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.0766 J	1.39	9.92 J	--	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.0684 J	1.27	7.9 J	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.00147 J	0.112	1.09 J	--	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.0352 J	1.28	8.4 J	--	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.00290 J	0.805	1.56 J	--	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0437 J	2.35	17.7 J	--	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.00224 J	1.24	3.18 J	--	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.00630 J	0.892	4.92 J	--	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0260 J	4.34	16.9 J	--	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.0233 J	0.728	4.04 J	--	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.00429 J	0.712	1.08 J	--	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0359 J	1.06	6.22 J	--	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.00587 J	1.35	2.26 J	--	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.00996 J	19.8	6.5 J	--	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0216 J	2.7	9.05 J	--	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.0278 J	0.474	2.99 J	--	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.00468 J	0.386	0.619 J	--	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0213 J	0.477	2.82 J	--	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0132 J	1.1	1.69 J	--	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.00993 J	10.5	4.42 J	--	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0140 J	1.1	4.29 J	--	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0195 J	0.207	1.1 J	--	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.00480 J	0.165	0.226 J	--	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0174 J	0.304	1.66 J	--	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.00765 J	4.06	2.24 J	--	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.00916 J	0.411	3.38 J	--	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.0747 J	1.66	13.8 J	--	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.0184 J	0.439 J	2.87 J	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	0.00507 J	0.488	**5.53 J**	--	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.00314 J	0.564	2.57 J	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.0949 J	2.29	27.4 J	--	--
Fluorene	30	100	500	386	mg/kg	0.00401 J	1.66	7.69 J	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.0672 J	**1.48**	**7.43 J**	--	--
Naphthalene	12	100	500	12	mg/kg	0.00579 J	3.23	8.86 J	--	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.0258 J	0.514	4.32 J	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.0567 J	**4.89**	**33 J**	--	--
Pyrene	64	100	500	1000	mg/kg	0.0946 J	2.9	22.2 J	--	--
Retene	NSL	NSL	NSL	NSL	mg/kg	0.00156 J	0.132	6.42 J	--	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	4440	5530	12600	7060	5390
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 5.11 UJ	< 4.84 UJ	< 6.83 UJ	< 4.71 UJ	< 4.5 U
Arsenic	13	16	16	16	mg/kg	2.8	7.03	**23.9**	1.9	2.78
Barium	410	410	410	820	mg/kg	30.3	109	110	112	29.5 J
Beryllium	4.4	43	670	47	mg/kg	0.134 J	0.362 J	0.8	0.432 J	0.111 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-02-00-0.5**	**224341-SB-CT-02-18-20**	**224341-SB-CT-02-20-22**	**224341-SB-CT-02-28-30**	**224341-SB-CT-03-00-0.5**
					Depth Range (ft bgs)	**0 - 0.5**	**18 - 20**	**20 - 22**	**28 - 30**	**0 - 0.5**
					Parent Sample ID					
					Sample Date	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**Y**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				**1**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 1.02 U	0.087 J	< 1.37 U	< 0.943 U	< 0.899 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	61700	4780	4710	4980	24700
Chromium, Hexavalent	1	1	11	19	mg/kg	< 2.1 U	< 0.38 UJ	< 0.58 U	< 0.97 U	< 0.36 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	11.1 J	12.5 J	37.9 J	19.5 J	11.2
Cobalt	NSL	NSL	NSL	NSL	mg/kg	4.49	5.5	12	9.69	5.9
Copper	50	280	280	1720	mg/kg	47.0 J	**75.8 J**	**73.7 J**	26.9 J	**88.5**
Cyanide	2.3	13	28	40	mg/kg	< 0.65 U	< 0.55 U	< 0.79 U	< 0.58 U	< 0.58 U
Iron	NSL	NSL	NSL	NSL	mg/kg	11500	16400	34400	21300	12600
Lead	63	400	1000	450	mg/kg	21.6 J	**129 J**	**261 J**	8.80 J	20.5 J
Magnesium	NSL	NSL	NSL	NSL	mg/kg	24000 J	1590 J	6960 J	6660 J	7490
Manganese	1600	2000	10000	2000	mg/kg	155 J	138 J	408 J	267 J	138
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.09 U	**0.495**	25.7	< 0.081 U	< 0.073 U
Nickel	30	320	320	130	mg/kg	8.64	12.5	29.8	21.2	8.97
Potassium	NSL	NSL	NSL	NSL	mg/kg	1190 J	846	2440 J	2370 J	1210
Selenium	3.9	110	1700	4	mg/kg	< 2.04 U	< 1.94 U	0.586 J	< 1.88 U	< 1.8 U
Silver	2	110	1700	8.3	mg/kg	< 0.511 U	< 0.484 U	< 0.683 U	< 0.471 U	< 0.45 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	276	202	1100	397	311
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2.04 U	< 1.94 U	< 2.73 U	< 1.88 U	< 1.8 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	21.9	24	40.3	24.7	27.9
Zinc	109	6600	10000	2480	mg/kg	33.4 J	**174 J**	**189 J**	49.4 J	38.3
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 U	--	--	< 0.787 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 U	--	--	< 0.787 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 U	--	--	< 0.787 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 U	--	--	< 0.787 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.94 U	< 4.9 U	--	--	< 4.92 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.94 U	< 4.9 U	--	--	< 4.92 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.988 UJ	< 0.981 UJ	--	--	< 0.984 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 U	--	--	< 0.787 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 U	--	--	< 0.787 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 U	--	--	< 0.787 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 UJ	--	--	< 0.197 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.98 U	< 1.96 U	--	--	< 1.97 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 UJ	--	--	< 0.197 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 UJ	--	--	< 0.197 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.98 U	< 1.96 U	--	--	< 1.97 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.392 U	--	--	< 0.393 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.392 U	--	--	< 0.393 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.392 U	--	--	< 0.393 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.392 U	--	--	< 0.393 U
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.785 UJ	--	--	< 0.787 U
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	0.104 J
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-02**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202880.7, 994983.9**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-02-00-0.5**	**224341-SB-CT-02-18-20**	**224341-SB-CT-02-20-22**	**224341-SB-CT-02-28-30**	**224341-SB-CT-03-00-0.5**
					Depth Range (ft bgs)	**0 - 0.5**	**18 - 20**	**20 - 22**	**28 - 30**	**0 - 0.5**
					Parent Sample ID					
					Sample Date	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**Y**	**N**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				**1**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	1.34
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 UJ	--	--	< 0.197 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	< 0.198 U	0.122 J	--	--	0.408
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	< 0.198 U	< 0.196 U	--	--	0.183 J
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.392 U	--	--	< 0.393 U
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	< 0.196 U	--	--	< 0.197 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	0.455	< 0.196 U	--	--	1.23
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	0.551	0.0987 J	--	--	3.42 J
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.066 U	< 1.2 U	--	--	< 1.2 U
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	< 0.091 U
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	< 0.091 U
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	< 0.091 U
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	< 0.091 U
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	< 0.091 U
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	0.051 J
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	0.032 J
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	< 0.091 U
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.096 U	--	--	< 0.091 U
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	--	--	0.083
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	18000	75000	36000	2200	10000 J
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	124 J	4890 J	2620 J	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-03	SB-CT-03	SB-CT-03	SB-CT-03	SB-CT-03
					Coordinates (Northing, Easting)	202790.2, 995070.1	202790.2, 995070.1	202790.2, 995070.1	202790.2, 995070.1	202790.2, 995070.1
					Sample Name	224341-SB-CT-DUP-02	224341-SB-CT-03-12-14	224341-SB-CT-03-17-19	224341-SB-CT-03-AR-20-21	224341-SB-CT-03-68-70
					Depth Range (ft bgs)	0 - 0.5	12 - 14	17 - 19	20 - 21	68 - 70
					Parent Sample ID	224341-SB-CT-03-00-0.5				
					Sample Date	9/23/2025	9/23/2025	9/23/2025	9/23/2025	9/23/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	N	N	Y	N
					Number of Archived Samples Per Boring	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00079 U	< 0.072 U	< 0.035 U	--	< 0.00084 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0079 U	< 0.14 U	< 0.071 U	--	< 0.0084 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0032 U	< 0.14 U	< 0.071 U	--	< 0.0034 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.72 U	< 0.35 U	--	< 0.0017 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.29 U	< 0.14 U	--	< 0.0017 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0016 U	0.10 J	0.068 J	--	< 0.0017 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.72 UJ	< 0.35 U	--	< 0.0017 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00079 U	< 0.072 U	< 0.035 UJ	--	< 0.00084 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0016 U	0.042 J	0.020 J	--	< 0.0017 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.016 U	< 1.4 U	< 0.71 U	--	< 0.017 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.079 UJ	< 7.2 U	< 3.5 U	--	< 0.084 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0016 U	**0.42**	**1.9**	--	0.0011 J
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0079 UJ	< 0.29 U	< 0.35 U	--	< 0.0084 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.016 U	< 0.72 U	< 0.35 U	--	< 0.017 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.016 U	< 0.29 U	< 0.14 U	--	< 0.017 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0032 U	< 0.29 U	< 0.14 U	--	< 0.0034 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0079 UJ	< 0.29 U	< 0.14 UJ	--	< 0.0084 UJ
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00079 U	< 0.072 U	< 0.035 U	--	< 0.00084 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0079 U	< 0.29 U	< 0.14 U	--	< 0.0084 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	0.13 J	< 0.071 U	--	< 0.0017 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00079 U	< 0.072 U	< 0.035 U	--	< 0.00084 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.016 U	< 0.29 U	< 0.14 U	--	< 0.017 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0016 U	0.32	0.18	--	< 0.0017 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	1.2	0.41	--	< 0.0017 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 1.4 UJ	< 0.71 U	--	< 0.0017 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.032 U	< 2.9 U	< 1.4 U	--	< 0.034 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.016 U	< 1.4 U	< 0.71 U	--	< 0.017 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	0.81	--	< 0.0017 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.016 U	< 0.72 U	< 0.35 U	--	< 0.017 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0032 U	0.48	0.68	--	< 0.0034 U
Naphthalene	12	100	500	12	mg/kg	< 0.0032 U	< 0.29 U	0.31	--	< 0.0034 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0016 U	1.3	0.12	--	< 0.0017 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0016 U	1.7	0.4	--	< 0.0017 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	0.033 J	--	< 0.0017 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0016 U	5.2	0.16	--	< 0.0017 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-DUP-02**	**224341-SB-CT-03-12-14**	**224341-SB-CT-03-17-19**	**224341-SB-CT-03-AR-20-21**	**224341-SB-CT-03-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**12 - 14**	**17 - 19**	**20 - 21**	**68 - 70**
					Parent Sample ID	**224341-SB-CT-03-00-0.5**				
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0016 U	0.56	0.027 J	--	< 0.0017 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0032 U	< 0.14 U	< 0.071 U	--	< 0.0034 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0016 U	0.028 J	< 0.071 UJ	--	< 0.0017 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00079 U	< 0.072 UJ	< 0.035 U	--	< 0.00084 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0016 U	< 0.14 U	< 0.071 U	--	< 0.0017 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0079 U	< 0.29 U	< 0.14 U	--	< 0.0084 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0079 UJ	< 0.29 UJ	< 0.14 U	--	< 0.0084 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0016 U	**0.48**	**0.68**	--	< 0.0017 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.048	2.9	1.2	--	< 0.041 U
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.75 U	< 8.2 U	< 0.86 U	--	< 0.83 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.74 U	< 8.1 U	< 0.84 U	--	< 0.82 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 UJ	< 4.2 UJ	< 0.43 UJ	--	< 0.42 UJ
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.078	3.7	0.46	--	< 0.041 U
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.19 U	< 2.1 U	< 0.22 U	--	< 0.21 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.74 U	< 8.1 U	< 0.84 U	--	< 0.82 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.74 U	< 8.1 U	< 0.84 U	--	< 0.82 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.74 U	< 8.1 U	< 0.84 U	--	< 0.82 U
Acenaphthene	20	100	500	98	mg/kg	0.052	< 0.4 U	0.6	--	< 0.041 U
Acenaphthylene	100	100	500	365	mg/kg	0.0078 J	< 0.4 U	< 0.042 U	--	< 0.041 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Anthracene	100	100	500	1000	mg/kg	0.11	0.19 J	0.11	--	< 0.041 U
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.75 U	< 8.2 U	< 0.86 U	--	< 0.83 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.38 UJ	< 4.2 UJ	< 0.43 UJ	--	< 0.42 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.32	0.16 J	0.1	--	< 0.041 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.32	< 0.4 U	0.1	--	0.027 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.4	< 0.4 U	0.11	--	0.046
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.23	< 0.4 U	0.087	--	0.088
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.13	< 0.4 U	0.037 J	--	0.013 J
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.075 U	< 0.82 U	< 0.086 U	--	< 0.083 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-DUP-02**	**224341-SB-CT-03-12-14**	**224341-SB-CT-03-17-19**	**224341-SB-CT-03-AR-20-21**	**224341-SB-CT-03-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**12 - 14**	**17 - 19**	**20 - 21**	**68 - 70**
					Parent Sample ID	**224341-SB-CT-03-00-0.5**				
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.060 J	< 2.1 U	< 0.22 U	--	< 0.21 U
Chrysene	1	4.9	47	1	mg/kg	0.34	0.14 J	0.12	--	< 0.041 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.053	< 0.4 U	0.031 J	--	< 0.041 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.047 J	< 4.2 U	0.12 J	--	< 0.42 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Fluoranthene	85	100	500	1000	mg/kg	0.74	0.20 J	0.26	--	< 0.041 U
Fluorene	30	100	500	386	mg/kg	0.076	< 0.4 U	0.23	--	< 0.041 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.23	< 0.4 U	0.066	--	0.042
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Naphthalene	12	100	500	12	mg/kg	0.5	3.4	0.62	--	< 0.041 U
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.47	0.88	0.41	--	< 0.041 U
Phenol	0.33	100	500	0.33	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
Pyrene	64	100	500	1000	mg/kg	0.73	0.38 J	0.3	--	< 0.041 U
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.38 U	< 4.2 U	< 0.43 U	--	< 0.42 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.049	--	--	--	< 0.041 U
Acenaphthene	20	100	500	98	mg/kg	0.061	--	--	--	< 0.041 U
Acenaphthylene	100	100	500	365	mg/kg	0.012 J	--	--	--	< 0.041 U
Anthracene	100	100	500	1000	mg/kg	0.1	--	--	--	< 0.041 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.39 J	--	--	--	< 0.041 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.38 J	--	--	--	< 0.041 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.48 J	--	--	--	0.040 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.22 J	--	--	--	0.038 J
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.21 J	--	--	--	0.014 J
Chrysene	1	4.9	47	1	mg/kg	0.40 J	--	--	--	< 0.041 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.065	--	--	--	< 0.041 U
Fluoranthene	85	100	500	1000	mg/kg	0.83 J	--	--	--	< 0.041 U
Fluorene	30	100	500	386	mg/kg	0.086	--	--	--	< 0.041 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.22 J	--	--	--	0.020 J
Naphthalene	12	100	500	12	mg/kg	0.27	--	--	--	< 0.041 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.51 J	--	--	--	< 0.041 U
Pyrene	64	100	500	1000	mg/kg	0.76 J	--	--	--	< 0.041 U
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.00839 J	0.927	0.289	0.172 J	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0965 J	2.42	1.29	1.26 J	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.0374 J	1.6	0.368	0.71 J	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-DUP-02**	**224341-SB-CT-03-12-14**	**224341-SB-CT-03-17-19**	**224341-SB-CT-03-AR-20-21**	**224341-SB-CT-03-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**12 - 14**	**17 - 19**	**20 - 21**	**68 - 70**
					Parent Sample ID	**224341-SB-CT-03-00-0.5**				
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.155 J	3.9	0.386	1.62 J	--
Acenaphthene	20	100	500	98	mg/kg	0.149 J	0.357	0.875	1.44 J	--
Acenaphthylene	100	100	500	365	mg/kg	0.0364 J	0.0752	0.0123	0.194 J	--
Anthracene	100	100	500	1000	mg/kg	0.318 J	0.225	0.245	4.08 J	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.639 J	0.194	0.146	**5.16 J**	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.688 J	0.178	0.131	**5.22 J**	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.576 J	0.161 J	0.141 J	**3.83 J**	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.463 J	0.308	0.0807	**2.43 J**	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.542 J	0.121	0.121	4.08 J	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.449 J	0.252	0.107	2.81 J	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0234 J	0.308	0.0156	0.424 J	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.295 J	0.481	0.142	2.78 J	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0465 J	0.681	0.121	0.47 J	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.448 J	0.406	0.292	5.1 J	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0386 J	1.26	0.345	0.77 J	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.176 J	4.39	1.03	1.99 J	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.286 J	1.85	0.801	3.72 J	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.22 J	0.47	0.128	1.3 J	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0637 J	0.692	0.15	0.305 J	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.249 J	0.37	0.152	1.71 J	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0438 J	1.5	0.7	0.555 J	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0808 J	6.95	1.25	1.59 J	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.18 J	1.88	0.987	2.3 J	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.3 J	0.497	0.121	0.942 J	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0884 J	0.453	0.109	0.164 J	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.166 J	0.374	0.108	0.813 J	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0820 J	1.16	0.668	0.433 J	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0606 J	10.1	1.56	1.02 J	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.125 J	0.977	0.634	1.06 J	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.217 J	0.402	0.0712	0.344 J	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0801 J	0.252	0.0536	0.0768 J	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.159 J	0.308	0.081	0.491 J	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0464 J	7.77	1.13	0.501 J	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0822 J	0.424	0.682	0.714 J	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.624 J	0.247	0.16	4.98 J	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.135 J	0.0753	0.0263	0.929 J	--
Dibenzofuran	2.1	18	180	110	mg/kg	0.128 J	0.565	0.134	1.04 J	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.0550 J	0.375	0.0909	0.761 J	--
Fluoranthene	85	100	500	1000	mg/kg	1.06 J	0.162	0.441	8.07 J	--
Fluorene	30	100	500	386	mg/kg	0.196 J	0.755	0.279	1.7 J	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.448 J	0.172	0.0831	**2.75 J**	--
Naphthalene	12	100	500	12	mg/kg	0.876 J	6.52	0.603	5.47 J	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.194 J	0.0356	0.0298	2.23 J	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	1.01 J	0.935	0.57	**5.55 J**	--
Pyrene	64	100	500	1000	mg/kg	0.973 J	0.326	0.442	6.59 J	--
Retene	NSL	NSL	NSL	NSL	mg/kg	0.0135 J	< 0.0251 UJ	1.81 J	1.17 J	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	6790	1560	3790	--	2490
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.32 U	< 4.62 U	< 4.96 U	--	< 4.7 U
Arsenic	13	16	16	16	mg/kg	3.15	9.71	5.36	--	2.46
Barium	410	410	410	820	mg/kg	57.6 J	21.1	54.3	--	38
Beryllium	4.4	43	670	47	mg/kg	0.151 J	0.151 J	0.217 J	--	0.677

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-DUP-02**	**224341-SB-CT-03-12-14**	**224341-SB-CT-03-17-19**	**224341-SB-CT-03-AR-20-21**	**224341-SB-CT-03-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**12 - 14**	**17 - 19**	**20 - 21**	**68 - 70**
					Parent Sample ID	**224341-SB-CT-03-00-0.5**				
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.865 U	0.071 J	0.072 J	--	< 0.939 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	31300	281	22700	--	906
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.89 UJ	< 0.39 UJ	< 0.41 UJ	--	< 5 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	13.3	4.19	13.8	--	11.4
Cobalt	NSL	NSL	NSL	NSL	mg/kg	6.3	7.08	3.32	--	10.2
Copper	50	280	280	1720	mg/kg	**85.3**	19.9	**54.8**	--	35.6
Cyanide	2.3	13	28	40	mg/kg	< 0.49 U	< 0.59 U	< 0.58 U	--	< 0.59 U
Iron	NSL	NSL	NSL	NSL	mg/kg	13300	6620	11200	--	2620
Lead	63	400	1000	450	mg/kg	60.1 J	37.1	**200**	--	9.23
Magnesium	NSL	NSL	NSL	NSL	mg/kg	7260	192	2240	--	700
Manganese	1600	2000	10000	2000	mg/kg	194	14.6	253	--	28.8
Mercury	0.18	0.3	1.1	0.73	mg/kg	0.056 J	< 0.09 U	**2.62**	--	< 0.082 U
Nickel	30	320	320	130	mg/kg	11.1	17.7	8.93	--	15.7
Potassium	NSL	NSL	NSL	NSL	mg/kg	1900	179 J	618	--	659
Selenium	3.9	110	1700	4	mg/kg	< 1.73 U	1.87	0.385 J	--	< 1.88 U
Silver	2	110	1700	8.3	mg/kg	< 0.432 U	< 0.462 U	< 0.496 U	--	< 0.47 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	315	105 J	238	--	< 188 U
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.73 U	< 1.85 U	< 1.99 U	--	< 1.88 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	27.9	10.2	12.2	--	16.8
Zinc	109	6600	10000	2480	mg/kg	62.7	**316**	**181**	--	34
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.98 U	< 4.92 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.98 U	< 4.92 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.996 U	< 0.985 UJ	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.97 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.99 U	< 1.97 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.394 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.394 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.394 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.394 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	1.07 J	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.797 U	< 0.788 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**	**SB-CT-03**
					Coordinates (Northing, Easting)	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**	**202790.2, 995070.1**
					Sample Name	**224341-SB-CT-DUP-02**	**224341-SB-CT-03-12-14**	**224341-SB-CT-03-17-19**	**224341-SB-CT-03-AR-20-21**	**224341-SB-CT-03-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**12 - 14**	**17 - 19**	**20 - 21**	**68 - 70**
					Parent Sample ID	**224341-SB-CT-03-00-0.5**				
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	1.26	0.0810 J	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.338	0.272	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.202	0.105 J	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.394 U	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.199 U	< 0.197 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	0.854	< 0.197 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	1.83 J	< 0.197 U	--	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 1.1 U	R	--	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.098 U	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.098 U	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.098 U	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.098 U	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.098 U	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	0.058 J	< 0.098 U	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.056 J	< 0.098 U	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.098 U	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.098 U	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	**0.114**	--	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	22000 J	220000	36000	29000	10000
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	641 J	16500 J	571	756 J	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-04	SB-CT-04	SB-CT-04	SB-CT-04	SB-CT-04
					Coordinates (Northing, Easting)	202704.4, 995166.4	202704.4, 995166.4	202704.4, 995166.4	202704.4, 995166.4	202704.4, 995166.4
					Sample Name	224341-SB-CT-04-00-0.5	224341-SB-CT-DUP-01	224341-SB-CT-04-08-10	224341-SB-CT-04-AR-14-15	224341-SB-CT-04-23-25
					Depth Range (ft bgs)	0 - 0.5	0 - 0.5	8 - 10	14 - 15	23 - 25
					Parent Sample ID		224341-SB-CT-04-00-0.5			
					Sample Date	9/19/2025	9/19/2025	9/19/2025	9/19/2025	9/19/2025
					Forensics Screening (Y/N)	Y	Y	v	N	N
					Passed Forensic Screening (Y/N)	Y	N	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	N	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	N
					Number of Archived Samples Per Boring	1				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0015 U	< 0.36 U	--	< 0.00082 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.015 U	< 0.72 U	--	< 0.0082 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0071 U	< 0.0062 U	< 0.72 U	--	< 0.0033 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 3.6 U	--	< 0.0016 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 1.4 U	--	< 0.0016 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0035 U	< 0.0031 U	0.42 J	--	0.00076 J
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 3.6 U	--	< 0.0016 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0015 U	< 0.36 U	--	< 0.00082 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0035 U	< 0.0031 U	0.16 J	--	< 0.0016 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.035 U	< 0.031 U	< 7.2 U	--	< 0.016 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.18 UJ	< 0.15 UJ	< 36 U	--	< 0.082 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0035 U	< 0.0031 U	**0.76**	--	0.024
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 UJ	< 0.015 UJ	< 3.6 UJ	--	< 0.0082 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.035 U	< 0.031 U	< 3.6 U	--	< 0.016 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.035 U	< 0.031 U	< 1.4 U	--	< 0.016 U
Chloroform	0.37	24	180	0.37	mg/kg	0.0014 J	< 0.0062 U	< 1.4 U	--	< 0.0033 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.015 U	< 1.4 UJ	--	< 0.0082 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0015 U	< 0.36 U	--	< 0.00082 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.015 U	< 1.4 U	--	< 0.0082 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0015 U	< 0.36 U	--	< 0.00082 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.035 U	< 0.031 U	< 1.4 U	--	< 0.016 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0035 U	< 0.0031 U	0.50 J	--	0.006
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	1.2	--	0.0011 J
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	0.38 J	--	< 0.0016 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.071 U	< 0.062 U	**1.7 J**	--	< 0.033 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.035 U	< 0.031 U	< 7.2 U	--	< 0.016 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	1.4	--	< 0.0016 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.035 U	< 0.031 U	< 3.6 U	--	< 0.016 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0071 U	< 0.0062 U	2.5	--	< 0.0033 U
Naphthalene	12	100	500	12	mg/kg	0.0082	0.0052 J	< 1.4 U	--	0.057
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0035 U	< 0.0031 U	2.1	--	< 0.0016 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0035 U	< 0.0031 U	1.5	--	< 0.0016 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	0.29 J	--	0.00097 J
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0035 U	< 0.0031 U	4.1	--	< 0.0016 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**
					Sample Name	**224341-SB-CT-04-00-0.5**	**224341-SB-CT-DUP-01**	**224341-SB-CT-04-08-10**	**224341-SB-CT-04-AR-14-15**	**224341-SB-CT-04-23-25**
					Depth Range (ft bgs)	**0 - 0.5**	**0 - 0.5**	**8 - 10**	**14 - 15**	**23 - 25**
					Parent Sample ID		**224341-SB-CT-04-00-0.5**			
					Sample Date	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**v**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**N**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0035 U	< 0.0031 U	0.56 J	--	< 0.0016 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0071 U	< 0.0062 U	< 0.72 U	--	< 0.0033 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0035 U	< 0.0031 U	0.12 J	--	< 0.0016 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0035 U	< 0.0031 U	**0.75**	--	< 0.0016 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0015 U	< 0.36 U	--	< 0.00082 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0035 U	< 0.0031 U	< 0.72 U	--	< 0.0016 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.015 U	< 1.4 U	--	< 0.0082 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.018 UJ	< 0.015 UJ	< 1.4 U	--	< 0.0082 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0035 U	< 0.0031 U	**2.5**	--	< 0.0016 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.029 J	0.027 J	2.7	--	0.11
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.87 U	< 0.86 U	< 0.83 U	--	< 0.83 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 UJ	--	< 0.42 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.86 U	< 0.84 U	R	--	< 0.82 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.043 J	0.038 J	0.78	--	0.12
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.22 U	< 0.21 U	--	< 0.21 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 UJ	--	< 0.42 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	R	--	< 0.42 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.86 U	< 0.84 U	< 0.82 U	--	< 0.82 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.86 U	< 0.84 U	< 0.82 UJ	--	< 0.82 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.86 U	< 0.84 U	< 0.82 U	--	< 0.82 U
Acenaphthene	20	100	500	98	mg/kg	0.051	0.053	0.85	--	0.085
Acenaphthylene	100	100	500	365	mg/kg	0.017 J	0.021 J	< 0.041 U	--	0.011 J
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Anthracene	100	100	500	1000	mg/kg	0.064	0.071	0.51	--	0.055
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.87 U	< 0.86 U	< 0.83 U	--	< 0.83 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.44 UJ	< 0.43 UJ	< 0.42 UJ	--	< 0.42 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.11	0.1	0.6	--	0.042
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.11	0.1	0.49	--	0.026 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.11	0.1	0.57	--	0.018 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.049	0.043	0.30 J	--	< 0.041 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.045	0.041 J	0.21	--	< 0.041 U
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.087 U	< 0.086 U	< 0.083 U	--	< 0.083 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**
					Sample Name	**224341-SB-CT-04-00-0.5**	**224341-SB-CT-DUP-01**	**224341-SB-CT-04-08-10**	**224341-SB-CT-04-AR-14-15**	**224341-SB-CT-04-23-25**
					Depth Range (ft bgs)	**0 - 0.5**	**0 - 0.5**	**8 - 10**	**14 - 15**	**23 - 25**
					Parent Sample ID		**224341-SB-CT-04-00-0.5**			
					Sample Date	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**v**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**N**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.22 U	< 0.21 U	--	< 0.21 U
Chrysene	1	4.9	47	1	mg/kg	0.11	0.11	0.72	--	0.034 J
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.043 U	< 0.042 U	0.076 J	--	< 0.041 U
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.44 U	< 0.43 U	0.36 J	--	< 0.42 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Fluoranthene	85	100	500	1000	mg/kg	0.21	0.19	1.7	--	0.066
Fluorene	30	100	500	386	mg/kg	0.048	0.056	1	--	0.046
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	R	--	< 0.42 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.049	0.042 J	0.22 J	--	< 0.041 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Naphthalene	12	100	500	12	mg/kg	0.041 J	0.038 J	0.99	--	0.13
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.44 U	< 0.43 U	< 0.42 UJ	--	< 0.42 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.26	0.28	**1.7**	--	0.21
Phenol	0.33	100	500	0.33	mg/kg	< 0.44 U	< 0.43 U	< 0.42 U	--	< 0.42 U
Pyrene	64	100	500	1000	mg/kg	0.36	0.34	2.1	--	0.095
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.44 U	< 0.43 U	< 0.42 UJ	--	< 0.42 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.046	0.030 J	--	--	--
Acenaphthene	20	100	500	98	mg/kg	0.075	0.045	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.028 J	0.014 J	--	--	--
Anthracene	100	100	500	1000	mg/kg	0.077	0.048	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.13	0.072	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.16	0.066	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.15	0.078	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.11	0.045	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.067	0.032 J	--	--	--
Chrysene	1	4.9	47	1	mg/kg	0.13	0.065	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.044 U	< 0.041 U	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.22	0.12	--	--	--
Fluorene	30	100	500	386	mg/kg	0.065	0.041 J	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.087	0.049	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.043 J	0.028 J	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.3	0.17	--	--	--
Pyrene	64	100	500	1000	mg/kg	0.33	0.19	--	--	--
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.00852 J	0.0120 J	1.42 J	6.33 J	0.0109 J
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0316 J	0.0620 J	3.76 J	21.6 J	0.152
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.0260 J	0.0467 J	3.93 J	25.7 J	0.0565

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**
					Sample Name	**224341-SB-CT-04-00-0.5**	**224341-SB-CT-DUP-01**	**224341-SB-CT-04-08-10**	**224341-SB-CT-04-AR-14-15**	**224341-SB-CT-04-23-25**
					Depth Range (ft bgs)	**0 - 0.5**	**0 - 0.5**	**8 - 10**	**14 - 15**	**23 - 25**
					Parent Sample ID		**224341-SB-CT-04-00-0.5**			
					Sample Date	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**v**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**N**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0426 J	0.0772 J	1.54 J	0.396 J	0.214
Acenaphthene	20	100	500	98	mg/kg	0.0791 J	0.14 J	1.56 J	6.8 J	0.123
Acenaphthylene	100	100	500	365	mg/kg	0.0322 J	0.0438 J	0.262 J	1.17 J	0.0152
Anthracene	100	100	500	1000	mg/kg	0.137 J	0.144 J	1.1 J	5.65 J	0.0577 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.441 J	0.152 J	**1.18 J**	**1.85 J**	0.0303
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.4 J	0.154 J	**1.08 J**	**1.47 J**	0.0224
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.318 J	0.106 J	0.769 J	0.698 J	0.0115 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.248 J	0.0969 J	**0.88 J**	0.549 J	0.00923 J
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.339 J	0.103 J	0.786 J	0.748 J	0.0142 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.242 J	0.0957 J	0.842 J	0.732 J	0.0123 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0102 J	0.0174 J	0.229 J	0.108 J	0.0124 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.194 J	0.124 J	1.59 J	2.34 J	0.0269
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0477 J	0.0617 J	0.863 J	3.54 J	0.0189
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.358 J	0.228 J	2.31 J	6.9 J	0.0666
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0454 J	0.0698 J	2.15 J	7.03 J	0.0376
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0515 J	0.0958 J	3.56 J	14.8 J	0.233
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.294 J	0.313 J	4.68 J	28.7 J	0.127
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.0900 J	0.0623 J	1.3 J	1.68 J	0.0151
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0344 J	0.0435 J	1.26 J	4.51 J	0.0201
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.184 J	0.0881 J	1.4 J	3.66 J	0.0217
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0404 J	0.0620 J	4.37 J	15.9 J	0.0343
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0679 J	0.13 J	11.3 J	57.3 J	0.12
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.167 J	0.156 J	6.3 J	27.4 J	0.0635
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.0721 J	0.0410 J	1.03 J	1.14 J	< 0.0143 U
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0220 J	0.0262 J	1.04 J	3.18 J	0.0125 J
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0717 J	0.0380 J	1.04 J	2.19 J	0.0118 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0542 J	0.0452 J	5 J	14 J	0.0318
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0531 J	0.0950 J	13.2 J	53.2 J	0.0742
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0678 J	0.0575 J	4.47 J	15.3 J	0.0244
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0384 J	0.0247 J	0.572 J	0.645 J	< 0.0143 U
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0138 J	0.0150 J	0.568 J	1.74 J	< 0.0143 U
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.0462 J	0.0247 J	0.763 J	1.27 J	< 0.0143 U
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0309 J	0.0485 J	10.4 J	34.1 J	0.0372
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0280 J	0.0244 J	2.29 J	6.85 J	0.0124 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.413 J	0.167 J	1.42 J	1.83 J	0.0288
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.0722 J	0.0260 J	0.266 J	0.203 J	< 0.0143 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.0161 J	0.0186 J	0.662 J	1.25 J	0.0132 J
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.0363 J	0.0488 J	0.512 J	1.44 J	0.0209
Fluoranthene	85	100	500	1000	mg/kg	0.719 J	0.201 J	2.23 J	3.36 J	0.0446
Fluorene	30	100	500	386	mg/kg	0.0672 J	0.112 J	1.74 J	4.41 J	0.049
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.253 J	0.0888 J	**0.704 J**	0.5 J	0.00928 J
Naphthalene	12	100	500	12	mg/kg	0.0423 J	0.0644 J	1.44 J	0.88 J	0.221
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.103 J	0.0343 J	0.211 J	0.186 J	0.00464 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.499 J	0.512 J	**2.72 J**	**14.1 J**	0.207
Pyrene	64	100	500	1000	mg/kg	0.69 J	0.298 J	2.75 J	6.11 J	0.0706
Retene	NSL	NSL	NSL	NSL	mg/kg	0.0169 J	0.0212 J	0.753 J	2.72 J	< 0.0143 U
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	3630	4060	4490	--	5660
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 5.08 UJ	< 5.07 UJ	< 4.65 UJ	--	< 4.87 UJ
Arsenic	13	16	16	16	mg/kg	2.12	2.68	7.5	--	1.75
Barium	410	410	410	820	mg/kg	19.3	23.7	32.4	--	40
Beryllium	4.4	43	670	47	mg/kg	0.115 J	0.159 J	0.149 J	--	0.338 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**
					Sample Name	**224341-SB-CT-04-00-0.5**	**224341-SB-CT-DUP-01**	**224341-SB-CT-04-08-10**	**224341-SB-CT-04-AR-14-15**	**224341-SB-CT-04-23-25**
					Depth Range (ft bgs)	**0 - 0.5**	**0 - 0.5**	**8 - 10**	**14 - 15**	**23 - 25**
					Parent Sample ID		**224341-SB-CT-04-00-0.5**			
					Sample Date	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**v**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**N**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 1.02 U	< 1.01 U	0.244 J	--	< 0.973 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	22200	26100	2460 J	--	1150
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.41 UJ	< 0.41 UJ	< 0.98 UJ	--	< 1 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	9.38	9.55	11.7	--	11.3
Cobalt	NSL	NSL	NSL	NSL	mg/kg	3.61	3.65	5.27	--	4.96
Copper	50	280	280	1720	mg/kg	**52.3**	38.6	31.1 J	--	13.7
Cyanide	2.3	13	28	40	mg/kg	< 0.6 UJ	< 0.57 UJ	0.91 J	--	< 0.62 UJ
Iron	NSL	NSL	NSL	NSL	mg/kg	9970	10000	18700	--	12200
Lead	63	400	1000	450	mg/kg	12.1	15.2	**78.7 J**	--	6.18
Magnesium	NSL	NSL	NSL	NSL	mg/kg	6160 J	7980 J	1480 J	--	2550 J
Manganese	1600	2000	10000	2000	mg/kg	96.5	106	134	--	98.7
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.1 U	< 0.094 U	**0.372**	--	< 0.089 U
Nickel	30	320	320	130	mg/kg	7.49	7.68	9.4	--	13.9
Potassium	NSL	NSL	NSL	NSL	mg/kg	752	972	773	--	866
Selenium	3.9	110	1700	4	mg/kg	< 2.03 U	< 2.03 U	0.797 J	--	< 1.95 U
Silver	2	110	1700	8.3	mg/kg	< 0.508 U	< 0.507 U	< 0.465 U	--	< 0.487 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	227	269	< 186 U	--	332
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 2.03 U	< 2.03 U	< 1.86 U	--	< 1.95 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	19.8	19.5	19.2	--	17.7
Zinc	109	6600	10000	2480	mg/kg	37.2 J	45.6 J	**687 J**	--	35.4 J
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.92 U	< 4.99 U	< 4.95 U	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.92 U	< 4.99 U	< 4.95 U	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.983 UJ	< 0.999 UJ	< 0.991 UJ	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.97 U	< 2 U	< 1.98 U	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.97 U	< 2 U	< 1.98 U	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.393 U	< 0.4 U	< 0.396 U	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.393 U	< 0.4 U	< 0.396 U	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.393 U	< 0.4 U	< 0.396 U	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.393 U	< 0.4 U	< 0.396 U	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	2.00 J	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.787 U	< 0.799 U	< 0.793 U	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	0.0867 J	0.111 J	< 0.198 U	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	0.0809 J	0.0953 J	< 0.198 U	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**	**SB-CT-04**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**	**202704.4, 995166.4**
					Sample Name	**224341-SB-CT-04-00-0.5**	**224341-SB-CT-DUP-01**	**224341-SB-CT-04-08-10**	**224341-SB-CT-04-AR-14-15**	**224341-SB-CT-04-23-25**
					Depth Range (ft bgs)	**0 - 0.5**	**0 - 0.5**	**8 - 10**	**14 - 15**	**23 - 25**
					Parent Sample ID		**224341-SB-CT-04-00-0.5**			
					Sample Date	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**	**9/19/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**v**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**N**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**N**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	1.55	2.33	0.174 J	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.257	0.29	0.156 J	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.0931 J	0.176 J	< 0.198 U	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.393 U	< 0.4 U	< 0.396 U	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.2 U	< 0.198 U	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	2.23	2.74	0.122 J	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	3.85	5.11	0.268 J	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.065 U	< 0.064 U	R	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	7700 J	13000 J	67000 J	7600 J	660 J
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	162 J	137 J	10600 J	24500 J	35.9

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-04	SB-CT-05	SB-CT-05	SB-CT-05	SB-CT-05
					Coordinates (Northing, Easting)	202704.4, 995166.4	202646.7, 995259.9	202646.7, 995259.9	202646.7, 995259.9	202646.7, 995259.9
					Sample Name	224341-SB-CT-04-25-27	224341-SB-CT-05-00-0.5	224341-SB-CT-05-07-09	224341-SB-CT-05-AR-11-12	224341-SB-CT-05-AR-13-15
					Depth Range (ft bgs)	25 - 27	0 - 0.5	7 - 9	11 - 12	13 - 15
					Parent Sample ID					
					Sample Date	9/19/2025	9/18/2025	9/18/2025	9/29/2025	9/18/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	Y
					Number of Archived Samples Per Boring	1	2			
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00068 U	< 0.0012 U	< 0.00085 U	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0068 U	< 0.012 U	< 0.0085 U	--	--
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0027 U	< 0.0048 U	< 0.0034 U	--	--
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00068 U	< 0.0012 U	< 0.00085 U	--	--
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.014 U	< 0.024 U	< 0.017 U	--	--
Acetone	0.03	100	500	0.03	mg/kg	< 0.068 UJ	0.021 J	< 0.085 UJ	--	--
Benzene	0.06	3.7	20	0.06	mg/kg	0.029	< 0.0024 U	0.0014 J	--	--
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0068 UJ	< 0.012 UJ	< 0.0085 UJ	--	--
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.014 U	< 0.024 U	< 0.017 U	--	--
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.014 U	< 0.024 U	< 0.017 U	--	--
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0027 U	< 0.0048 U	< 0.0034 U	--	--
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0068 U	< 0.012 U	< 0.0085 U	--	--
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00068 U	< 0.0012 U	< 0.00085 U	--	--
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0068 U	< 0.012 U	< 0.0085 U	--	--
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00068 U	< 0.0012 U	< 0.00085 U	--	--
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.014 U	< 0.024 U	< 0.017 U	--	--
Ethylbenzene	1	76	390	1	mg/kg	0.0022	< 0.0024 U	< 0.0017 U	--	--
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.027 U	< 0.048 U	< 0.034 U	--	--
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.014 U	< 0.024 U	< 0.017 U	--	--
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	0.00077 J	--	--
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.014 U	< 0.024 U	< 0.017 U	--	--
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0027 U	< 0.0048 U	< 0.0034 U	--	--
Naphthalene	12	100	500	12	mg/kg	0.029	0.0095	0.021	--	--
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	0.00058 J	< 0.0024 U	< 0.0017 U	--	--
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-04	SB-CT-05	SB-CT-05	SB-CT-05	SB-CT-05
					Coordinates (Northing, Easting)	202704.4, 995166.4	202646.7, 995259.9	202646.7, 995259.9	202646.7, 995259.9	202646.7, 995259.9
					Sample Name	224341-SB-CT-04-25-27	224341-SB-CT-05-00-0.5	224341-SB-CT-05-07-09	224341-SB-CT-05-AR-11-12	224341-SB-CT-05-AR-13-15
					Depth Range (ft bgs)	25 - 27	0 - 0.5	7 - 9	11 - 12	13 - 15
					Parent Sample ID					
					Sample Date	9/19/2025	9/18/2025	9/18/2025	9/29/2025	9/18/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	Y	Y	NA	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	Y	Y
					Number of Archived Samples Per Boring	1	2			
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0027 U	< 0.0048 U	< 0.0034 U	--	--
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Toluene	0.7	100	500	0.7	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00068 U	< 0.0012 U	< 0.00085 U	--	--
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0068 U	< 0.012 U	< 0.0085 U	--	--
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0068 UJ	< 0.012 UJ	< 0.0085 UJ	--	--
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0014 U	< 0.0024 U	< 0.0017 U	--	--
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.029 J	0.11	0.25	--	--
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.79 U	< 0.82 U	--	--
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.78 U	< 0.81 U	--	--
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.030 J	0.15	0.28	--	--
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	0.48	< 0.42 U	--	--
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.2 U	< 0.21 U	--	--
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.78 U	< 0.81 U	--	--
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.78 U	< 0.81 U	--	--
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.78 U	< 0.81 U	--	--
Acenaphthene	20	100	500	98	mg/kg	0.013 J	0.13	0.56	--	--
Acenaphthylene	100	100	500	365	mg/kg	< 0.038 U	0.029 J	0.031 J	--	--
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Anthracene	100	100	500	1000	mg/kg	< 0.038 U	0.1	0.2	--	--
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.79 U	< 0.82 U	--	--
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.4 UJ	< 0.42 UJ	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.038 U	0.19	0.42	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.038 U	0.24	0.48	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.038 U	0.28	0.52	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.038 U	0.15	0.28	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.038 U	0.11	0.19	--	--
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.078 U	< 0.079 U	0.058 J	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

Location ID						SB-CT-04	SB-CT-05	SB-CT-05	SB-CT-05	SB-CT-05
Coordinates (Northing, Easting)						202704.4, 995166.4	202646.7, 995259.9	202646.7, 995259.9	202646.7, 995259.9	202646.7, 995259.9
Sample Name						224341-SB-CT-04-25-27	224341-SB-CT-05-00-0.5	224341-SB-CT-05-07-09	224341-SB-CT-05-AR-11-12	224341-SB-CT-05-AR-13-15
Depth Range (ft bgs)						25 - 27	0 - 0.5	7 - 9	11 - 12	13 - 15
Parent Sample ID										
Sample Date						9/19/2025	9/18/2025	9/18/2025	9/29/2025	9/18/2025
Forensics Screening (Y/N)						Y	Y	N	N	N
Passed Forensic Screening (Y/N)						Y	Y	NA	NA	NA
Forensic Evaluation (Y/N)						Y	Y	Y	Y	Y
Archived Sample (Y/N)						N	N	N	Y	Y
Number of Archived Samples Per Boring						1	2			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.2 U	0.11 J	--	--
Chrysene	1	4.9	47	1	mg/kg	< 0.038 U	0.23	0.43	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.038 U	0.036 J	0.068	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.4 U	< 0.4 U	0.28 J	--	--
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Fluoranthene	85	100	500	1000	mg/kg	< 0.038 U	0.46	1.1	--	--
Fluorene	30	100	500	386	mg/kg	0.0081 J	0.099	0.32	--	--
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.038 U	0.15	0.3	--	--
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Naphthalene	12	100	500	12	mg/kg	0.089	0.16	0.94	--	--
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.018 J	0.5	0.93	--	--
Phenol	0.33	100	500	0.33	mg/kg	< 0.4 U	**1**	< 0.42 U	--	--
Pyrene	64	100	500	1000	mg/kg	< 0.038 U	0.47	1.2	--	--
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.4 U	< 0.42 U	--	--
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.019 J	0.15	--	--	--
Acenaphthene	20	100	500	98	mg/kg	0.010 J	0.16	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	< 0.039 U	0.031 J	--	--	--
Anthracene	100	100	500	1000	mg/kg	< 0.039 U	0.099	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.039 U	0.14	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.039 U	0.14	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.039 U	0.16	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.039 U	0.1	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.039 U	0.063	--	--	--
Chrysene	1	4.9	47	1	mg/kg	< 0.039 U	0.14	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.039 U	< 0.042 U	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	< 0.039 U	0.24	--	--	--
Fluorene	30	100	500	386	mg/kg	< 0.039 U	0.11	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.039 U	0.095	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.079	0.14	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.0090 J	0.4	--	--	--
Pyrene	64	100	500	1000	mg/kg	< 0.039 U	0.32	--	--	--
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.000706 J	0.0285 J	0.0191	0.773 J	1.17 J
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0319 J	0.236 J	0.18	1.08 J	7.43 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.00454 J	0.136 J	0.0694	2.61 J	2.61 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-05**	**SB-CT-05**	**SB-CT-05**	**SB-CT-05**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202646.7, 995259.9**	**202646.7, 995259.9**	**202646.7, 995259.9**	**202646.7, 995259.9**
					Sample Name	**224341-SB-CT-04-25-27**	**224341-SB-CT-05-00-0.5**	**224341-SB-CT-05-07-09**	**224341-SB-CT-05-AR-11-12**	**224341-SB-CT-05-AR-13-15**
					Depth Range (ft bgs)	**25 - 27**	**0 - 0.5**	**7 - 9**	**11 - 12**	**13 - 15**
					Parent Sample ID					
					Sample Date	**9/19/2025**	**9/18/2025**	**9/18/2025**	**9/29/2025**	**9/18/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**1**	**2**			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0350 J	0.326 J	0.226	0.0137 J	9.37 J
Acenaphthene	20	100	500	98	mg/kg	0.0180 J	0.343 J	0.511	0.0760 J	3.23 J
Acenaphthylene	100	100	500	365	mg/kg	0.00114 J	0.0788 J	0.042	0.0548 J	0.226 J
Anthracene	100	100	500	1000	mg/kg	0.00314 J	0.347 J	0.219	0.146 J	0.281 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.00255 J	**1.13 J**	0.518	0.398 J	0.121 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.00232 J	**1.04 J**	0.528	0.0522 J	0.0184 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.00150 J	0.946 J	0.465	0.0773 J	0.0253 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.00140 J	**0.65 J**	0.403	0.0201 J	0.0110 J
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.00158 J	0.811 J	0.423	0.0288 J	0.0128 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.00144 J	0.668 J	0.353	0.115 J	0.0345 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.00239 J	0.0527 J	0.0402	0.00923 J	1.12 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.00244 J	0.44 J	0.257	1.19 J	0.386 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.000825 J	0.11 J	0.0501	0.316 J	0.479 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.00515 J	0.828 J	0.51	0.851 J	0.568 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.00200 J	0.128 J	0.0736	0.643 J	0.96 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0465 J	0.39 J	0.253	0.676 J	11.7 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.00667 J	0.742 J	0.355	2.07 J	3.55 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.00163 J	0.178 J	0.145	1.09 J	0.331 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.00146 J	0.0782 J	0.0464	0.44 J	0.683 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.00240 J	0.445 J	0.262	1.03 J	0.557 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.00304 J	0.0929 J	0.0842	1.46 J	2.5 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0112 J	0.336 J	0.145	4.07 J	7.21 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.00460 J	0.355 J	0.261	3 J	4.45 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	R	0.117 J	0.124	0.862 J	0.237 J
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.00130 J	0.0390 J	0.0347	0.416 J	0.58 J
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.00137 J	0.146 J	0.141	1.16 J	0.485 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.00585 J	0.156 J	0.111	1.78 J	2.81 J
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.00559 J	0.182 J	0.111	5.43 J	9 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.00384 J	0.121 J	0.144	2.08 J	2.97 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	R	0.0519 J	0.0658	0.568 J	0.14 J
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.00122 J	0.0176 J	0.0207	0.296 J	0.4 J
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.00159 J	0.0921 J	0.097	0.791 J	0.316 J
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.00548 J	0.0799 J	0.0857	3.73 J	6.29 J
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.00314 J	0.0459 J	0.0809	1.26 J	1.49 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.00271 J	1.1 J	0.493	0.354 J	0.146 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	R	0.199 J	0.118	0.0341 J	0.0130 J
Dibenzofuran	2.1	18	180	110	mg/kg	0.00592 J	0.0592 J	0.239	0.0608 J	**2.44 J**
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.00173 J	0.115 J	0.0882	0.0924 J	0.148 J
Fluoranthene	85	100	500	1000	mg/kg	0.00443 J	1.95 J	1.16	0.0863 J	0.0660 J
Fluorene	30	100	500	386	mg/kg	0.00777 J	0.244 J	0.309	0.201 J	1.41 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.00125 J	**0.666 J**	0.407	0.0241 J	0.0123 J
Naphthalene	12	100	500	12	mg/kg	0.112 J	0.319 J	0.877	0.0431 J	**48.6 J**
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.000702 J	0.27 J	0.152	0.0404 J	0.00630 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.0164 J	**1.73 J**	0.836	0.703 J	**1.42 J**
Pyrene	64	100	500	1000	mg/kg	0.00532 J	1.7 J	1.07	0.415 J	0.304 J
Retene	NSL	NSL	NSL	NSL	mg/kg	0.00410 J	0.0353 J	0.0693 J	< 0.0065 UJ	0.332 J
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	5610	4780	4930	--	--
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.85 UJ	< 4.46 UJ	< 4.79 UJ	--	--
Arsenic	13	16	16	16	mg/kg	1.99	1.63	5.92	--	--
Barium	410	410	410	820	mg/kg	54.4	28.1	43.6	--	--
Beryllium	4.4	43	670	47	mg/kg	0.411 J	0.165 J	0.292 J	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-05**	**SB-CT-05**	**SB-CT-05**	**SB-CT-05**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202646.7, 995259.9**	**202646.7, 995259.9**	**202646.7, 995259.9**	**202646.7, 995259.9**
					Sample Name	**224341-SB-CT-04-25-27**	**224341-SB-CT-05-00-0.5**	**224341-SB-CT-05-07-09**	**224341-SB-CT-05-AR-11-12**	**224341-SB-CT-05-AR-13-15**
					Depth Range (ft bgs)	**25 - 27**	**0 - 0.5**	**7 - 9**	**11 - 12**	**13 - 15**
					Parent Sample ID					
					Sample Date	**9/19/2025**	**9/18/2025**	**9/18/2025**	**9/29/2025**	**9/18/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**1**	**2**			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.97 U	< 0.893 U	0.149 J	--	--
Calcium	NSL	NSL	NSL	NSL	mg/kg	5890	26200	3190	--	--
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.37 UJ	< 0.38 U	< 0.39 U	--	--
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	15.9	8.68	15	--	--
Cobalt	NSL	NSL	NSL	NSL	mg/kg	6.88	4.73	4.41	--	--
Copper	50	280	280	1720	mg/kg	21.3	**67.8**	26.9	--	--
Cyanide	2.3	13	28	40	mg/kg	< 0.53 UJ	< 0.51 U	< 0.61 U	--	--
Iron	NSL	NSL	NSL	NSL	mg/kg	22500	12600	20900	--	--
Lead	63	400	1000	450	mg/kg	13.9	19.3 J	53.2 J	--	--
Magnesium	NSL	NSL	NSL	NSL	mg/kg	5440 J	5330	1970	--	--
Manganese	1600	2000	10000	2000	mg/kg	368	131	114	--	--
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.098 U	< 0.083 U	0.148	--	--
Nickel	30	320	320	130	mg/kg	14.2	6.36	10.7	--	--
Potassium	NSL	NSL	NSL	NSL	mg/kg	2010	1190 J	1100 J	--	--
Selenium	3.9	110	1700	4	mg/kg	< 1.94 U	< 1.78 U	< 1.92 U	--	--
Silver	2	110	1700	8.3	mg/kg	< 0.485 U	< 0.446 U	< 0.479 U	--	--
Sodium	NSL	NSL	NSL	NSL	mg/kg	456	498	131 J	--	--
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.94 U	< 1.78 U	< 1.92 U	--	--
Vanadium	NSL	NSL	NSL	NSL	mg/kg	29.1	21.5	25.2	--	--
Zinc	109	6600	10000	2480	mg/kg	45.6 J	43.2	**174**	--	--
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.89 U	< 4.99 U	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.89 U	< 4.99 U	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.977 UJ	< 0.998 UJ	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.95 U	< 2 U	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.95 U	< 2 U	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.391 U	< 0.399 U	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.391 U	< 0.399 U	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.391 U	< 0.399 U	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.391 U	< 0.399 U	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.782 U	< 0.799 U	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-04**	**SB-CT-05**	**SB-CT-05**	**SB-CT-05**	**SB-CT-05**
					Coordinates (Northing, Easting)	**202704.4, 995166.4**	**202646.7, 995259.9**	**202646.7, 995259.9**	**202646.7, 995259.9**	**202646.7, 995259.9**
					Sample Name	**224341-SB-CT-04-25-27**	**224341-SB-CT-05-00-0.5**	**224341-SB-CT-05-07-09**	**224341-SB-CT-05-AR-11-12**	**224341-SB-CT-05-AR-13-15**
					Depth Range (ft bgs)	**25 - 27**	**0 - 0.5**	**7 - 9**	**11 - 12**	**13 - 15**
					Parent Sample ID					
					Sample Date	**9/19/2025**	**9/18/2025**	**9/18/2025**	**9/29/2025**	**9/18/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**Y**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**1**	**2**			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	1.06	0.295	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	0.238 J	0.101 J	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	< 0.195 U	0.0728 J	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.391 U	< 0.399 U	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.195 U	< 0.2 U	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	0.603	0.235	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	1.41	0.511	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	< 0.047 U	< 0.059 U	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.093 U	0.055 J	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.093 U	< 0.097 U	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	0.055	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	3100 J	6900	21000	4200	4300 J
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	32.3 J	185 J	197	3100 J	5480 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-05**	**SB-CT-05**	**SB-CT-06**	**SB-CT-06**	**SB-CT-06**
					Coordinates (Northing, Easting)	**202646.7, 995259.9**	**202646.7, 995259.9**	**202515.7, 995430.3**	**202515.7, 995430.3**	**202515.7, 995430.3**
					Sample Name	**224341-SB-CT-05-14-16**	**224341-SB-CT-05-23-25**	**224341-SB-CT-06-00-0.5**	**224341-SB-CT-06-12-14**	**224341-SB-CT-06-33-35**
					Depth Range (ft bgs)	**14 - 16**	**23 - 25**	**0 - 0.5**	**12 - 14**	**33 - 35**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/25/2025**	**9/25/2025**	**9/25/2025**
					Forensics Screening (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**Y**	**Y**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**2**		**0**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.054 U	< 0.00092 U	< 0.00095 U	< 0.047 U	< 0.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0092 U	< 0.0095 U	< 0.093 U	< 0.59 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.11 U	< 0.0037 U	< 0.0038 U	< 0.093 U	< 0.59 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.54 U	< 0.0018 U	< 0.0019 U	< 0.47 U	< 3 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.0018 U	< 0.0019 U	< 0.19 U	< 1.2 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	2.9
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.54 U	< 0.0018 U	< 0.0019 U	< 0.47 U	< 3 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.054 U	< 0.00092 U	< 0.00095 U	< 0.047 UJ	< 0.3 UJ
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	0.93
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 1.1 U	< 0.018 U	< 0.019 U	< 0.93 U	< 5.9 U
Acetone	0.03	100	500	0.03	mg/kg	**0.25 J**	0.019 J	0.014 J	< 4.7 U	< 30 U
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.11 U	0.0077	< 0.0019 U	< 0.093 U	**0.64**
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.54 U	< 0.0092 UJ	< 0.0095 UJ	< 0.47 U	< 3 U
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.54 U	< 0.018 U	< 0.019 U	< 0.47 U	< 3 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.018 U	< 0.019 U	< 0.19 U	< 1.2 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.22 U	< 0.0037 U	< 0.0038 U	< 0.19 U	< 1.2 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.22 UJ	< 0.0092 U	< 0.0095 U	< 0.19 UJ	< 1.2 UJ
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.054 U	< 0.00092 U	< 0.00095 U	< 0.047 U	< 0.3 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.0092 U	< 0.0095 U	< 0.19 U	< 1.2 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	0.17 J
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.054 U	< 0.00092 U	< 0.00095 U	< 0.047 U	< 0.3 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.018 U	< 0.019 U	< 0.19 U	< 1.2 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.11 U	0.0018 J	< 0.0019 U	< 0.093 U	**2.1**
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	0.14	< 0.0018 U	< 0.0019 U	< 0.093 U	0.62
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 1.1 U	< 0.0018 U	< 0.0019 U	< 0.93 U	< 5.9 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 2.2 U	< 0.037 U	< 0.038 U	< 1.9 U	< 12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 1.1 U	< 0.018 U	< 0.019 U	< 0.93 U	< 5.9 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	0.96	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.54 U	< 0.018 U	< 0.019 U	< 0.47 U	< 3 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.0037 U	< 0.0038 U	< 0.19 U	0.95 J
Naphthalene	12	100	500	12	mg/kg	0.065 J	0.04	< 0.0038 U	0.17 J	**19**
N-Butylbenzene	18	100	500	18	mg/kg	0.11	< 0.0018 U	< 0.0019 U	< 0.093 U	0.20 J
N-Propylbenzene	5	100	500	5	mg/kg	0.21	< 0.0018 U	< 0.0019 U	< 0.093 U	0.28 J
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	0.0015 J	< 0.0019 U	< 0.093 U	0.75
Sec-Butylbenzene	25	100	500	25	mg/kg	0.26	< 0.0018 U	< 0.0019 U	0.16	< 0.59 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-05**	**SB-CT-05**	**SB-CT-06**	**SB-CT-06**	**SB-CT-06**
					Coordinates (Northing, Easting)	**202646.7, 995259.9**	**202646.7, 995259.9**	**202515.7, 995430.3**	**202515.7, 995430.3**	**202515.7, 995430.3**
					Sample Name	**224341-SB-CT-05-14-16**	**224341-SB-CT-05-23-25**	**224341-SB-CT-06-00-0.5**	**224341-SB-CT-06-12-14**	**224341-SB-CT-06-33-35**
					Depth Range (ft bgs)	**14 - 16**	**23 - 25**	**0 - 0.5**	**12 - 14**	**33 - 35**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/25/2025**	**9/25/2025**	**9/25/2025**
					Forensics Screening (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**Y**	**Y**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**2**		**0**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
T-Butylbenzene	11	100	500	11	mg/kg	0.031 J	< 0.0018 U	< 0.0019 U	0.058 J	< 0.59 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.11 U	< 0.0037 U	< 0.0038 U	< 0.093 U	< 0.59 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 UJ	< 0.59 UJ
Toluene	0.7	100	500	0.7	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.054 U	< 0.00092 U	< 0.00095 U	< 0.047 U	< 0.3 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	< 0.59 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.22 U	< 0.0092 U	< 0.0095 U	< 0.19 U	< 1.2 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.22 U	< 0.0092 UJ	< 0.0095 UJ	< 0.19 U	< 1.2 U
Xylenes	0.26	100	500	1.2	mg/kg	< 0.11 U	< 0.0018 U	< 0.0019 U	< 0.093 U	**1.7**
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 UJ	< 0.86 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.48	< 0.037 U	0.083	0.34	140
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.74 U	< 0.77 U	< 1.5 U	< 1.7 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 UJ	< 0.73 U	< 0.76 U	< 1.5 U	< 1.7 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 UJ	< 0.77 UJ	< 0.86 UJ
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 UJ	< 0.86 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.038 U	< 0.037 U	0.12	< 0.075 U	130
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.38 UJ	< 0.39 UJ	< 0.77 UJ	< 0.86 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.19 U	< 0.2 U	< 0.39 U	< 0.43 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 UJ	< 0.77 UJ	< 0.86 UJ
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.73 U	< 0.76 U	< 1.5 U	< 1.7 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.73 U	< 0.76 U	< 1.5 U	< 1.7 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 UJ	< 0.77 UJ	< 0.86 UJ
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.73 U	< 0.76 U	< 1.5 U	< 1.7 U
Acenaphthene	20	100	500	98	mg/kg	< 0.038 U	< 0.037 U	0.62	< 0.075 U	**73**
Acenaphthylene	100	100	500	365	mg/kg	< 0.038 U	< 0.037 U	0.081	< 0.075 U	9.9
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Anthracene	100	100	500	1000	mg/kg	0.049	< 0.037 U	1.9	0.1	36
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	< 0.74 U	< 0.77 U	< 1.5 U	< 1.7 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.38 UJ	< 0.39 UJ	< 0.77 UJ	< 0.86 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.17	< 0.037 U	**3.6**	0.052 J	**18**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.030 J	< 0.037 U	**3.5**	< 0.075 U	**14**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.048	< 0.037 U	**3.8**	0.032 J	**6.9**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.038 U	< 0.037 U	**2.4**	< 0.075 UJ	**3.4**
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.012 J	< 0.037 U	**1.4**	< 0.075 U	**2.6**
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.078 U	< 0.074 U	< 0.077 U	< 0.15 U	16

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-05**	**SB-CT-05**	**SB-CT-06**	**SB-CT-06**	**SB-CT-06**
					Coordinates (Northing, Easting)	**202646.7, 995259.9**	**202646.7, 995259.9**	**202515.7, 995430.3**	**202515.7, 995430.3**	**202515.7, 995430.3**
					Sample Name	**224341-SB-CT-05-14-16**	**224341-SB-CT-05-23-25**	**224341-SB-CT-06-00-0.5**	**224341-SB-CT-06-12-14**	**224341-SB-CT-06-33-35**
					Depth Range (ft bgs)	**14 - 16**	**23 - 25**	**0 - 0.5**	**12 - 14**	**33 - 35**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/25/2025**	**9/25/2025**	**9/25/2025**
					Forensics Screening (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**Y**	**Y**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**2**		**0**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.19 U	0.91	< 0.39 U	0.72
Chrysene	1	4.9	47	1	mg/kg	0.17	< 0.037 U	**3.5**	0.037 J	**20**
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.022 J	< 0.037 U	**0.57**	< 0.075 UJ	**1**
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.4 U	< 0.38 U	0.43	< 0.77 U	**3.6**
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Fluoranthene	85	100	500	1000	mg/kg	0.049	< 0.037 U	8.3	0.11	36
Fluorene	30	100	500	386	mg/kg	< 0.038 U	< 0.037 U	0.8	< 0.075 U	**46**
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	R	< 0.38 U	< 0.39 U	< 0.77 UJ	< 0.86 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 UJ	< 0.86 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.038 U	< 0.037 U	**2.4**	< 0.075 UJ	**3.1**
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Naphthalene	12	100	500	12	mg/kg	< 0.038 U	0.057	0.3	< 0.075 U	**120**
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.35	< 0.037 U	**6.3**	0.75 J	**120**
Phenol	0.33	100	500	0.33	mg/kg	< 0.4 U	< 0.38 U	< 0.39 U	< 0.77 U	< 0.86 U
Pyrene	64	100	500	1000	mg/kg	0.18	< 0.037 U	8.4	0.14	58
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.4 UJ	< 0.38 U	< 0.39 U	< 0.77 UJ	< 0.86 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	< 0.036 U	0.038 J	--	--
Acenaphthene	20	100	500	98	mg/kg	--	< 0.036 U	0.06	--	--
Acenaphthylene	100	100	500	365	mg/kg	--	< 0.036 U	0.045	--	--
Anthracene	100	100	500	1000	mg/kg	--	< 0.036 U	0.14	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	< 0.036 U	0.55	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	< 0.036 U	0.59	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	< 0.036 U	0.6	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	< 0.036 U	0.4	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	< 0.036 U	0.31	--	--
Chrysene	1	4.9	47	1	mg/kg	--	< 0.036 U	0.53	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	< 0.036 U	0.1	--	--
Fluoranthene	85	100	500	1000	mg/kg	--	< 0.036 U	1.1	--	--
Fluorene	30	100	500	386	mg/kg	--	< 0.036 U	0.063	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	< 0.036 U	0.39	--	--
Naphthalene	12	100	500	12	mg/kg	--	0.054	0.06	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	< 0.036 U	0.62	--	--
Pyrene	64	100	500	1000	mg/kg	--	< 0.036 U	1.3	--	--
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.000710 J	0.0148 J	0.827	5.5
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.00106 J	0.0391 J	1.16	22.5
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.00164 J	0.0445 J	2.2	26.4

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-05	SB-CT-05	SB-CT-06	SB-CT-06	SB-CT-06
					Coordinates (Northing, Easting)	202646.7, 995259.9	202646.7, 995259.9	202515.7, 995430.3	202515.7, 995430.3	202515.7, 995430.3
					Sample Name	224341-SB-CT-05-14-16	224341-SB-CT-05-23-25	224341-SB-CT-06-00-0.5	224341-SB-CT-06-12-14	224341-SB-CT-06-33-35
					Depth Range (ft bgs)	14 - 16	23 - 25	0 - 0.5	12 - 14	33 - 35
					Parent Sample ID					
					Sample Date	9/29/2025	9/29/2025	9/25/2025	9/25/2025	9/25/2025
					Forensics Screening (Y/N)	N	Y	Y	N	N
					Passed Forensic Screening (Y/N)	NA	Y	Y	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	N
					Number of Archived Samples Per Boring	2		0		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.000924 J	0.0598 J	0.0192	29
Acenaphthene	20	100	500	98	mg/kg	--	0.000386 J	0.0997 J	0.346	13
Acenaphthylene	100	100	500	365	mg/kg	--	R	0.119 J	0.0457	2.12
Anthracene	100	100	500	1000	mg/kg	--	0.00121 J	0.358 J	0.249	15.9
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	0.00213 J	**1.22 J**	0.0523	**14.9**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	0.00443 J	**1.39 J**	0.0651	**13.4**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	0.00324 J	**1.21 J**	0.0698	**9.39**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	0.00464 J	**1 J**	0.047	**7.57**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	0.00296 J	1.01 J	0.0392	7.94
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	0.00262 J	0.924 J	0.0126	7.48
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	R	0.0218 J	0.00402 J	0.541
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00242 J	0.617 J	0.0217	16.1
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00119 J	0.0700 J	1.22	14.8
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00286 J	0.8 J	0.174	33.5
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00579 J	0.0527 J	1.78	13.7
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00144 J	0.0688 J	0.802	36
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00344 J	0.581 J	1.79	56.9
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00243 J	0.348 J	0.0186	12.1
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00245 J	0.0701 J	1.33	21.3
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00588 J	0.578 J	0.116	16.9
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00551 J	0.0881 J	3.1	20
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	R	0.0991 J	6.41	63.5
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00371 J	0.411 J	2.7	43.4
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00824 J	0.31 J	< 0.0108 U	9.97
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00351 J	0.0617 J	0.576	15.4
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00259 J	0.279 J	0.0634	11
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.0418 J	0.186 J	2.12	19.1
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	R	0.103 J	12.2	62
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00453 J	0.201 J	1.45	29
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	R	0.192 J	< 0.0108 U	6.56
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00198 J	0.0422 J	0.196	8.62
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00332 J	0.191 J	0.0312	7.2
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00583 J	0.0806 J	10.6	41.7
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.00426 J	0.0866 J	0.407	29.9
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	0.00242 J	1.18 J	0.0357	15.7
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	0.00112 J	0.278 J	0.0307	2.93
Dibenzofuran	2.1	18	180	110	mg/kg	--	0.00254 J	0.1 J	0.444	**2.41**
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	R	0.0695 J	0.554	5.88
Fluoranthene	85	100	500	1000	mg/kg	--	0.00206 J	1.9 J	0.101	21 J
Fluorene	30	100	500	386	mg/kg	--	0.000757 J	0.104 J	0.525	12.8
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	0.00460 J	**0.955 J**	0.0689	**7.17**
Naphthalene	12	100	500	12	mg/kg	--	0.0520 J	0.0966 J	0.0363	**17.5**
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	0.00179 J	0.383 J	0.00544 J	2.22
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	0.00340 J	**1.29 J**	0.629	**48.1**
Pyrene	64	100	500	1000	mg/kg	--	0.00219 J	1.85 J	0.176	29.8
Retene	NSL	NSL	NSL	NSL	mg/kg	--	0.00230 J	0.0217 J	< 0.0108 U	50.9 J
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	6120	4930	4220	7280	2600
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.56 U	< 4.36 U	< 4.45 UJ	< 4.43 UJ	< 4.91 UJ
Arsenic	13	16	16	16	mg/kg	2.44	1.11	3.31	4	0.992
Barium	410	410	410	820	mg/kg	26	37.9	50.7	68.1	17.2
Beryllium	4.4	43	670	47	mg/kg	0.386 J	0.359 J	0.175 J	0.516	0.220 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-05**	**SB-CT-05**	**SB-CT-06**	**SB-CT-06**	**SB-CT-06**
					Coordinates (Northing, Easting)	**202646.7, 995259.9**	**202646.7, 995259.9**	**202515.7, 995430.3**	**202515.7, 995430.3**	**202515.7, 995430.3**
					Sample Name	**224341-SB-CT-05-14-16**	**224341-SB-CT-05-23-25**	**224341-SB-CT-06-00-0.5**	**224341-SB-CT-06-12-14**	**224341-SB-CT-06-33-35**
					Depth Range (ft bgs)	**14 - 16**	**23 - 25**	**0 - 0.5**	**12 - 14**	**33 - 35**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/25/2025**	**9/25/2025**	**9/25/2025**
					Forensics Screening (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**Y**	**Y**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**2**		**0**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.912 U	< 0.871 U	0.176 J	0.083 J	< 0.983 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	725	1780	7510 J	1090 J	473 J
Chromium, Hexavalent	1	1	11	19	mg/kg	0.47 J	0.32 J	**11**	< 0.92 U	< 1 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	12.2	15.7	7.81	19.2	9.97
Cobalt	NSL	NSL	NSL	NSL	mg/kg	3.61	6.62	3.33	8.43	4.02
Copper	50	280	280	1720	mg/kg	17.4	21.8	19	20.2	10.8
Cyanide	2.3	13	28	40	mg/kg	< 0.52 U	< 0.55 U	< 0.54 U	< 0.5 U	< 0.62 U
Iron	NSL	NSL	NSL	NSL	mg/kg	16400	14900	8880	25500	10800
Lead	63	400	1000	450	mg/kg	5.62	6.73	**101**	5.78	4.11 J
Magnesium	NSL	NSL	NSL	NSL	mg/kg	1760	2960	2350 J	2450 J	840 J
Manganese	1600	2000	10000	2000	mg/kg	180	163	134	490	155
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.079 U	< 0.074 U	**0.464**	< 0.086 U	< 0.102 U
Nickel	30	320	320	130	mg/kg	9	12.7	7.64	13.7	5.43
Potassium	NSL	NSL	NSL	NSL	mg/kg	588	1210	573 J	1560 J	523 J
Selenium	3.9	110	1700	4	mg/kg	< 1.82 U	< 1.74 U	< 1.78 U	< 1.77 U	< 1.96 U
Silver	2	110	1700	8.3	mg/kg	< 0.456 U	< 0.436 U	0.446	< 0.443 U	< 0.491 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	< 182 U	326	170 J	118 J	110 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.82 U	< 1.74 U	< 1.78 U	< 1.77 U	< 1.96 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	22	28.7	11	31.9	18.6
Zinc	109	6600	10000	2480	mg/kg	25	32.5	**159**	42.5	14.3
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 4.88 U	< 4.89 U	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 4.88 U	< 4.89 U	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.977 U	< 0.977 U	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--	0.143 J	< 0.195 U	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 1.95 U	< 1.95 U	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 1.95 U	< 1.95 U	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.391 U	< 0.391 U	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.391 U	< 0.391 U	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.391 U	< 0.391 U	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.391 U	< 0.391 U	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.782 U	< 0.782 U	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-05	SB-CT-05	SB-CT-06	SB-CT-06	SB-CT-06
					Coordinates (Northing, Easting)	202646.7, 995259.9	202646.7, 995259.9	202515.7, 995430.3	202515.7, 995430.3	202515.7, 995430.3
					Sample Name	224341-SB-CT-05-14-16	224341-SB-CT-05-23-25	224341-SB-CT-06-00-0.5	224341-SB-CT-06-12-14	224341-SB-CT-06-33-35
					Depth Range (ft bgs)	14 - 16	23 - 25	0 - 0.5	12 - 14	33 - 35
					Parent Sample ID					
					Sample Date	9/29/2025	9/29/2025	9/25/2025	9/25/2025	9/25/2025
					Forensics Screening (Y/N)	N	Y	Y	N	N
					Passed Forensic Screening (Y/N)	NA	Y	Y	NA	NA
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	N
					Number of Archived Samples Per Boring	2		0		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	--	0.106 J	< 0.195 U	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	--	0.673	< 0.195 U	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	--	0.655	< 0.195 U	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.391 U	< 0.391 U	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	--	< 0.195 U	< 0.195 U	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	--	< 2.3 U	< 0.057 U	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.092 U	< 0.091 U	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.092 U	< 0.091 U	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.092 U	< 0.091 U	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	--	< 0.092 U	< 0.091 U	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	--	**0.58**	< 0.091 U	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	--	**0.74**	< 0.091 U	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	--	**0.38**	**0.12**	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	--	< 0.092 U	< 0.091 U	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	--	< 0.092 U	< 0.091 U	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	--	**1.7**	**0.12**	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	2300	2000	19000 J	1600 J	12000 J
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	44.6 J	483 J	1050	32400

Table K-3. Citi Storage (AOI 4) Unrestricted Use Soil Analytical Results

					Location ID	SB-CT-06	SB-CT-07	SB-CT-07	SB-CT-07	SB-CT-07
					Coordinates (Northing, Easting)	202515.7, 995430.3	202779, 994910.5	202779, 994910.5	202779, 994910.5	202779, 994910.5
					Sample Name	224341-SB-CT-06-68-70	224341-SB-CT-07-00-0.5	224341-SB-CT-07-14-16	224341-SB-CT-07-18-20	224341-SB-CT-07-28-30
					Depth Range (ft bgs)	68 - 70	0 - 0.5	14 - 16	18 - 20	28 - 30
					Parent Sample ID					
					Sample Date	9/25/2025	9/22/2025	9/22/2025	9/22/2025	9/22/2025
					Forensics Screening (Y/N)	Y	Y	N	N	Y
					Passed Forensic Screening (Y/N)	N	Y	NA	NA	Y
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	N
					Number of Archived Samples Per Boring	0	0			
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0009 U	< 0.0016 U	< 0.37 U	< 0.36 U	< 0.00082 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.009 U	< 0.016 U	< 0.75 U	< 0.71 U	< 0.0082 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0036 U	< 0.0063 U	< 0.75 U	< 0.71 U	< 0.0033 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 3.7 U	< 3.6 U	< 0.0016 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 1.5 U	< 1.4 U	< 0.0016 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	0.13 J	< 0.0016 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 3.7 U	< 3.6 U	< 0.0016 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.0009 U	< 0.0016 U	< 0.37 U	< 0.36 U	< 0.00082 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.031 U	< 7.5 U	< 7.1 U	< 0.016 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.09 UJ	< 0.16 UJ	**1.7 J**	**1.7 J**	< 0.082 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	**0.085**	0.0012 J	**0.96**	**0.33 J**	< 0.0016 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.009 UJ	< 0.016 UJ	< 3.7 U	< 3.6 U	< 0.0082 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.031 U	< 3.7 U	< 3.6 U	< 0.016 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.031 U	< 1.5 U	< 1.4 U	< 0.016 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0036 U	< 0.0063 U	< 1.5 U	< 1.4 U	< 0.0033 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.009 U	< 0.016 U	< 1.5 UJ	< 1.4 UJ	< 0.0082 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0009 U	< 0.0016 U	< 0.37 U	< 0.36 U	< 0.00082 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.009 U	< 0.016 U	< 1.5 U	< 1.4 U	< 0.0082 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0009 U	< 0.0016 U	< 0.37 U	< 0.36 U	< 0.00082 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.031 U	< 1.5 U	< 1.4 U	< 0.016 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0018 U	< 0.0031 U	0.31 J	0.12 J	< 0.0016 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	24	11	< 0.0016 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 7.5 U	< 7.1 U	< 0.0016 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.036 U	< 0.063 U	**1.5 J**	**2.7 J**	< 0.033 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.018 U	< 0.031 U	< 7.5 U	< 7.1 U	< 0.016 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	70	87	< 0.0016 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.018 U	< 0.031 U	< 3.7 U	< 3.6 U	< 0.016 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0036 U	< 0.0063 U	0.79 J	0.52 J	< 0.0033 U
Naphthalene	12	100	500	12	mg/kg	< 0.0036 U	< 0.0063 U	< 1.5 U	< 1.4 U	< 0.0033 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0018 U	< 0.0031 U	12	7.6	< 0.0016 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0018 U	< 0.0031 U	**33**	**15**	< 0.0016 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0018 U	< 0.0031 U	15	7.7	< 0.0016 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-06**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**
					Coordinates (Northing, Easting)	**202515.7, 995430.3**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**
					Sample Name	**224341-SB-CT-06-68-70**	**224341-SB-CT-07-00-0.5**	**224341-SB-CT-07-14-16**	**224341-SB-CT-07-18-20**	**224341-SB-CT-07-28-30**
					Depth Range (ft bgs)	**68 - 70**	**0 - 0.5**	**14 - 16**	**18 - 20**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/25/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**Y**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**	**0**			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0018 U	< 0.0031 U	1.8	0.77	< 0.0016 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0036 U	< 0.0063 U	< 0.75 U	< 0.71 U	< 0.0033 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Toluene	0.7	100	500	0.7	mg/kg	0.00050 J	< 0.0031 U	0.24 J	0.099 J	< 0.0016 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0009 U	< 0.0016 U	< 0.37 U	< 0.36 U	< 0.00082 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0018 U	< 0.0031 U	< 0.75 U	< 0.71 U	< 0.0016 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.009 U	< 0.016 U	< 1.5 U	< 1.4 U	< 0.0082 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.009 UJ	< 0.016 UJ	< 1.5 U	< 1.4 U	< 0.0082 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0018 U	< 0.0031 U	**0.79**	< 0.71 U	< 0.0016 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.04 U	0.088	1.1	1.8	0.020 J
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.8 U	< 0.8 U	< 0.85 U	< 0.88 U	< 0.78 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.79 U	< 0.78 U	< 0.84 U	< 0.87 U	< 0.76 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.4 U	< 0.43 UJ	< 0.45 UJ	< 0.39 UJ
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.04 U	0.13	1.9	2.8	0.030 J
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.4 UJ	< 0.43 U	< 0.45 U	< 0.39 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.2 U	< 0.22 U	< 0.22 U	< 0.2 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.79 U	< 0.78 U	< 0.84 U	< 0.87 U	< 0.76 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.79 U	< 0.78 U	< 0.84 U	< 0.87 U	< 0.76 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.79 U	< 0.78 U	< 0.84 U	< 0.87 U	< 0.76 U
Acenaphthene	20	100	500	98	mg/kg	< 0.04 U	0.24	0.73	0.49	0.029 J
Acenaphthylene	100	100	500	365	mg/kg	< 0.04 U	0.082	< 0.042 U	< 0.043 U	< 0.038 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Anthracene	100	100	500	1000	mg/kg	0.0084 J	0.57	0.37	0.24	0.027 J
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.8 U	< 0.8 U	< 0.85 U	< 0.88 U	< 0.78 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.41 UJ	< 0.4 UJ	< 0.43 UJ	< 0.45 UJ	< 0.39 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.04 U	**1.9**	0.52	0.36	0.033 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.04 U	**1.9**	0.56	0.32	0.024 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.04 U	**2.3**	0.65	0.36	0.023 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.04 U	**1.2**	0.26	0.13	< 0.038 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.04 U	**0.87**	0.23	0.12	0.012 J
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.08 U	< 0.08 U	< 0.085 U	< 0.088 U	< 0.078 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-06**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**
					Coordinates (Northing, Easting)	**202515.7, 995430.3**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**
					Sample Name	**224341-SB-CT-06-68-70**	**224341-SB-CT-07-00-0.5**	**224341-SB-CT-07-14-16**	**224341-SB-CT-07-18-20**	**224341-SB-CT-07-28-30**
					Depth Range (ft bgs)	**68 - 70**	**0 - 0.5**	**14 - 16**	**18 - 20**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/25/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**Y**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**	**0**			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	0.14 J	< 0.43 U	< 0.45 U	< 0.39 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	0.34	< 0.22 U	< 0.22 U	< 0.2 U
Chrysene	1	4.9	47	1	mg/kg	< 0.04 U	**2.1**	0.58	0.4	0.024 J
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.04 U	0.25	0.073	0.039 J	< 0.038 U
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.41 U	0.22 J	< 0.43 U	< 0.45 U	< 0.39 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Fluoranthene	85	100	500	1000	mg/kg	< 0.04 U	4.5	0.97	0.43	0.071
Fluorene	30	100	500	386	mg/kg	< 0.04 U	0.32	< 0.042 U	< 0.043 U	0.023 J
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.04 U	**1.2**	0.27	0.13	< 0.038 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Naphthalene	12	100	500	12	mg/kg	< 0.04 U	0.23	0.51	1.8	0.18
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.0092 J	**3**	**2.1**	**1.2**	0.095
Phenol	0.33	100	500	0.33	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
Pyrene	64	100	500	1000	mg/kg	< 0.04 U	4.5	1.4	0.73	0.075
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.41 U	< 0.4 U	< 0.43 U	< 0.45 U	< 0.39 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.039 U	0.062	--	--	< 0.04 U
Acenaphthene	20	100	500	98	mg/kg	< 0.039 U	0.16	--	--	0.011 J
Acenaphthylene	100	100	500	365	mg/kg	< 0.039 U	0.05	--	--	< 0.04 U
Anthracene	100	100	500	1000	mg/kg	< 0.039 U	0.28	--	--	0.011 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.039 U	**1.1**	--	--	0.016 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.039 U	**1.2**	--	--	< 0.04 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.039 U	**1.6**	--	--	< 0.04 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.039 U	**0.91**	--	--	< 0.04 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.039 U	0.53	--	--	< 0.04 U
Chrysene	1	4.9	47	1	mg/kg	< 0.039 U	**1.2**	--	--	0.0088 J
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.039 U	0.23	--	--	< 0.04 U
Fluoranthene	85	100	500	1000	mg/kg	< 0.039 U	2.5	--	--	0.029 J
Fluorene	30	100	500	386	mg/kg	< 0.039 U	0.21	--	--	0.0084 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.039 U	**0.89**	--	--	< 0.04 U
Naphthalene	12	100	500	12	mg/kg	< 0.039 U	0.093	--	--	0.033 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	< 0.039 U	**1.7**	--	--	0.034 J
Pyrene	64	100	500	1000	mg/kg	< 0.039 U	2.5	--	--	0.031 J
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.0412 J	0.00182	3.65	3.32 J
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.0846 J	0.0275	2.54	0.916 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.122 J	0.00813	21.9	16.7 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-06	SB-CT-07	SB-CT-07	SB-CT-07	SB-CT-07
					Coordinates (Northing, Easting)	202515.7, 995430.3	202779, 994910.5	202779, 994910.5	202779, 994910.5	202779, 994910.5
					Sample Name	224341-SB-CT-06-68-70	224341-SB-CT-07-00-0.5	224341-SB-CT-07-14-16	224341-SB-CT-07-18-20	224341-SB-CT-07-28-30
					Depth Range (ft bgs)	68 - 70	0 - 0.5	14 - 16	18 - 20	28 - 30
					Parent Sample ID					
					Sample Date	9/25/2025	9/22/2025	9/22/2025	9/22/2025	9/22/2025
					Forensics Screening (Y/N)	Y	Y	N	N	Y
					Passed Forensic Screening (Y/N)	N	Y	NA	NA	Y
					Forensic Evaluation (Y/N)	N	Y	Y	Y	Y
					Archived Sample (Y/N)	N	N	N	N	N
					Number of Archived Samples Per Boring	0	0			
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.12 J	0.0416	3.54	1.46 J
Acenaphthene	20	100	500	98	mg/kg	--	0.299 J	0.046	1.13	1.25 J
Acenaphthylene	100	100	500	365	mg/kg	--	0.174 J	0.00334	0.347	0.345 J
Anthracene	100	100	500	1000	mg/kg	--	0.786 J	0.0461 J	0.598 J	0.903 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	**2.49 J**	0.048	0.809	0.59 J
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	**2.84 J**	0.0412	0.831	0.487 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	**2.41 J**	0.0296	0.545	0.429 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	**1.98 J**	0.0221	0.418	0.366 J
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	2.17 J	0.0326	0.595	0.423 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	1.83 J	0.0223	0.533	0.375 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	0.0366 J	0.00608	0.333	0.216 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	1.19 J	0.0193	0.871	0.635 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.15 J	0.00402	0.612	0.72 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	1.64 J	0.0387	1.08	1.33 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.122 J	0.00851	1.44	1.64 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.142 J	0.0437	4.29	1.93 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	1.2 J	0.041	3.11	4.57 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	0.674 J	0.00994	0.568	0.51 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.198 J	0.0028	0.614	0.823 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	1.19 J	0.0126	0.696	0.816 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.164 J	0.00528	1.58	2.65 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.285 J	0.0197	53	41.2 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.802 J	0.0186	2.59	4.13 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	0.66 J	0.0123	0.367	0.414 J
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.212 J	0.002	0.426	0.554 J
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.573 J	0.00576	0.53	0.556 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.389 J	0.00704 J	1.28	2.44 J
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.257 J	0.0103	24.8	25.7 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.419 J	0.00931	1.36	2.26 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.401 J	< 0.00181 U	0.177	0.246 J
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.155 J	< 0.00181 U	0.205	0.279 J
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.436 J	0.00438	0.344	0.431 J
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.177 J	0.00505	7.01	9.92 J
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.206 J	0.00889	0.92	1.08 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	2.52 J	0.045	0.865	0.642 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	0.586 J	0.00705	0.139	0.126 J
Dibenzofuran	2.1	18	180	110	mg/kg	--	0.244 J	0.0314	0.869	0.905 J
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	0.182 J	0.0119	0.385	0.439 J
Fluoranthene	85	100	500	1000	mg/kg	--	4.07 J	0.0978	0.811	1.48 J
Fluorene	30	100	500	386	mg/kg	--	0.368 J	0.0379	1.47	1.5 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	**1.9 J**	0.0237	0.409	0.339 J
Naphthalene	12	100	500	12	mg/kg	--	0.19 J	0.209	5.75	1.55 J
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	0.77 J	0.0202	0.237	0.119 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	**3.3 J**	0.159	**2.34**	**3.64 J**
Pyrene	64	100	500	1000	mg/kg	--	3.68 J	0.0831	1.12	1.63 J
Retene	NSL	NSL	NSL	NSL	mg/kg	--	0.0656 J	0.0194	1.35	0.69 J
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	1460	7000	5610	4380	4220
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 8.26 UJ	< 4.56 UJ	< 4.82 UJ	< 5.29 UJ	< 4.44 UJ
Arsenic	13	16	16	16	mg/kg	0.829 J	6.45	8.48	**17.5**	2.35
Barium	410	410	410	820	mg/kg	29.4	111	155	82.1	25.2
Beryllium	4.4	43	670	47	mg/kg	0.311 J	0.341 J	0.399 J	0.305 J	0.364 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-06**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**
					Coordinates (Northing, Easting)	**202515.7, 995430.3**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**
					Sample Name	**224341-SB-CT-06-68-70**	**224341-SB-CT-07-00-0.5**	**224341-SB-CT-07-14-16**	**224341-SB-CT-07-18-20**	**224341-SB-CT-07-28-30**
					Depth Range (ft bgs)	**68 - 70**	**0 - 0.5**	**14 - 16**	**18 - 20**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/25/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**Y**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**	**0**			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 1.65 U	< 0.912 U	0.149 J	< 1.06 U	< 0.887 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	3090 J	50700	8580	5180	976
Chromium, Hexavalent	1	1	11	19	mg/kg	**1.2**	< 0.93 U	< 2 U	< 2.1 U	< 1.9 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	18.7	16.3 J	13.1 J	11.0 J	12.5 J
Cobalt	NSL	NSL	NSL	NSL	mg/kg	1.22 J	4.58	5.19	7.84	4.65
Copper	50	280	280	1720	mg/kg	8.65	**54.3 J**	**474 J**	**85.2 J**	10.4 J
Cyanide	2.3	13	28	40	mg/kg	< 0.57 U	< 0.49 U	< 0.58 U	< 0.62 U	< 0.57 U
Iron	NSL	NSL	NSL	NSL	mg/kg	62600	14600	15000	28400	31100
Lead	63	400	1000	450	mg/kg	6.41 J	**142 J**	**369 J**	**347 J**	5.16 J
Magnesium	NSL	NSL	NSL	NSL	mg/kg	1820 J	10400 J	1580 J	1310 J	1980 J
Manganese	1600	2000	10000	2000	mg/kg	232	212 J	262 J	196 J	136 J
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.083 U	**0.491**	**0.362**	**0.456**	< 0.076 U
Nickel	30	320	320	130	mg/kg	2.13 J	17	15	13.2	12.4
Potassium	NSL	NSL	NSL	NSL	mg/kg	510 J	961	754	582	957
Selenium	3.9	110	1700	4	mg/kg	< 3.3 U	< 1.82 U	0.399 J	0.477 J	< 1.77 U
Silver	2	110	1700	8.3	mg/kg	< 0.826 U	< 0.456 U	0.633	< 0.529 U	< 0.444 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	< 330 U	261	332	280	166 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 3.3 U	< 1.82 U	< 1.93 U	< 2.12 U	< 1.77 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	35.1	21.5	21.6	17.4	18.9
Zinc	109	6600	10000	2480	mg/kg	6.21 J	**165 J**	**187 J**	98.0 J	30.3 J
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.97 U	< 4.94 U	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 4.97 U	< 4.94 U	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.994 UJ	< 0.989 UJ	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	0.141 J	< 0.198 U	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.99 U	< 1.98 U	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--	< 1.99 U	< 1.98 U	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	< 0.396 U	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	< 0.396 U	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	< 0.396 U	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	< 0.396 U	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--	< 0.795 U	< 0.791 U	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--	0.127 J	< 0.198 U	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-06**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**	**SB-CT-07**
					Coordinates (Northing, Easting)	**202515.7, 995430.3**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**	**202779, 994910.5**
					Sample Name	**224341-SB-CT-06-68-70**	**224341-SB-CT-07-00-0.5**	**224341-SB-CT-07-14-16**	**224341-SB-CT-07-18-20**	**224341-SB-CT-07-28-30**
					Depth Range (ft bgs)	**68 - 70**	**0 - 0.5**	**14 - 16**	**18 - 20**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/25/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**	**9/22/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**Y**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**Y**	**Y**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**	**0**			
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--	0.357	< 0.198 U	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--	0.301	0.0687 J	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.398 U	< 0.396 U	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--	< 0.199 U	< 0.198 U	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--	< 1.2 U	< 1.3 U	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--	0.093 J	< 0.1 U	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--	< 0.095 U	< 0.1 U	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	--	0.093	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	14000 J	21000	84000	82000	2700
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	950 J	15.3	11200	13200 J

Table K-3. Citi Storage (AOI 4) Unrestricted Use Soil Analytical Results

					Location ID	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**
					Coordinates (Northing, Easting)	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**
					Sample Name	**224341-SB-CT-08-00-0.5**	**224341-SB-CT-08-AR-13-14**	**224341-SB-CT-08-15-17**	**224341-SB-CT-08-19-21**	**224341-SB-CT-08-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**13 - 14**	**15 - 17**	**19 - 21**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Archived Sample (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00077 U	--	< 0.029 U	< 0.32 U	< 0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0077 U	--	< 0.058 U	< 0.65 U	< 0.011 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0031 U	--	< 0.058 U	< 0.65 U	< 0.0044 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.29 U	< 3.2 U	< 0.0022 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.12 U	< 1.3 U	< 0.0022 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0015 U	--	0.058	0.21 J	< 0.0022 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.29 U	< 3.2 U	< 0.0022 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00077 U	--	< 0.029 UJ	< 0.32 UJ	< 0.0011 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0015 U	--	0.021 J	< 0.65 U	< 0.0022 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U	--	< 0.58 U	< 6.5 U	< 0.022 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.077 UJ	--	< 2.9 U	< 32 U	< 0.11 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0015 U	--	**0.1**	**0.16 J**	< 0.0022 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0077 UJ	--	< 0.29 U	< 3.2 U	< 0.011 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U	--	< 0.29 U	< 3.2 U	< 0.022 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U	--	< 0.12 U	< 1.3 U	< 0.022 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0031 U	--	< 0.12 U	< 1.3 U	< 0.0044 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0077 U	--	< 0.12 UJ	< 1.3 UJ	< 0.011 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00077 U	--	< 0.029 U	< 0.32 U	< 0.0011 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0077 U	--	< 0.12 U	< 1.3 U	< 0.011 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	0.044 J	0.090 J	< 0.0022 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00077 U	--	< 0.029 U	< 0.32 U	< 0.0011 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U	--	< 0.12 U	< 1.3 U	< 0.022 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0015 U	--	0.046 J	0.078 J	< 0.0022 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	0.52	1.9	< 0.0022 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.58 U	< 6.5 U	< 0.0022 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.031 U	--	< 1.2 U	< 13 U	< 0.044 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U	--	< 0.58 U	< 6.5 U	< 0.022 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	7.9	50	0.00087 J
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.015 U	--	< 0.29 U	< 3.2 U	< 0.022 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0031 U	--	0.14	0.36 J	< 0.0044 U
Naphthalene	12	100	500	12	mg/kg	< 0.0031 U	--	0.99	0.67 J	< 0.0044 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0015 U	--	0.44	0.76	< 0.0022 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0015 U	--	0.7	2.3	< 0.0022 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	0.042 J	< 0.65 U	< 0.0022 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0015 U	--	0.43	1.3	< 0.0022 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**
					Coordinates (Northing, Easting)	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**
					Sample Name	**224341-SB-CT-08-00-0.5**	**224341-SB-CT-08-AR-13-14**	**224341-SB-CT-08-15-17**	**224341-SB-CT-08-19-21**	**224341-SB-CT-08-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**13 - 14**	**15 - 17**	**19 - 21**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Archived Sample (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0015 U	--	0.079	0.27 J	< 0.0022 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0031 U	--	< 0.058 U	< 0.65 U	< 0.0044 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0015 U	--	< 0.058 UJ	< 0.65 UJ	< 0.0022 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0015 U	--	0.11	< 0.65 U	< 0.0022 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00077 U	--	< 0.029 U	< 0.32 U	< 0.0011 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0015 U	--	< 0.058 U	< 0.65 U	< 0.0022 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0077 U	--	0.060 J	< 1.3 U	< 0.011 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0077 UJ	--	< 0.12 U	< 1.3 U	< 0.011 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0015 U	--	0.18	< 0.65 U	< 0.0022 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.030 J	--	0.4	0.38	0.017 J
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	--	< 0.82 U	< 0.86 U	< 0.85 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	--	< 0.8 U	< 0.84 U	< 0.83 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	--	< 0.41 U	< 0.43 U	< 0.43 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.041	--	0.54	0.43	0.019 J
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	--	< 0.21 U	< 0.22 U	< 0.21 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	--	< 0.8 U	< 0.84 U	< 0.83 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	--	< 0.8 U	< 0.84 U	< 0.83 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	--	< 0.8 U	< 0.84 U	< 0.83 U
Acenaphthene	20	100	500	98	mg/kg	0.067	--	0.91	1.5	0.012 J
Acenaphthylene	100	100	500	365	mg/kg	0.043	--	0.2	< 0.042 U	< 0.042 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Anthracene	100	100	500	1000	mg/kg	0.21	--	1.6	0.75	0.032 J
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.78 U	--	< 0.82 UJ	< 0.86 UJ	< 0.85 UJ
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	--	< 0.41 UJ	< 0.43 UJ	< 0.43 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.99	--	**2.6**	0.49	0.046
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**1.1**	--	**2.3**	0.32	0.039 J
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.3**	--	**2.8**	0.34	0.037 J
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**0.68**	--	**1.2**	0.14	0.028 J
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.5	--	**0.98**	0.11	0.015 J
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	0.080 J	< 0.43 U	< 0.43 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.078 U	--	0.084	< 0.086 U	< 0.085 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

Location ID						SB-CT-08	SB-CT-08	SB-CT-08	SB-CT-08	SB-CT-08
Coordinates (Northing, Easting)						202703.81, 994999.45	202703.81, 994999.45	202703.81, 994999.45	202703.81, 994999.45	202703.81, 994999.45
Sample Name						224341-SB-CT-08-00-0.5	224341-SB-CT-08-AR-13-14	224341-SB-CT-08-15-17	224341-SB-CT-08-19-21	224341-SB-CT-08-28-30
Depth Range (ft bgs)						0 - 0.5	13 - 14	15 - 17	19 - 21	28 - 30
Parent Sample ID										
Sample Date						9/23/2025	9/23/2025	9/23/2025	9/23/2025	9/23/2025
Forensics Screening (Y/N)						Y	N	N	N	Y
Passed Forensic Screening (Y/N)						N	NA	NA	NA	N
Forensic Evaluation (Y/N)						N	Y	N	N	N
Archived Sample (Y/N)						N	Y	N	N	N
Number of Archived Samples Per Boring						1				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	0.86	0.078 J	< 0.43 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 UJ	< 0.43 UJ	< 0.43 UJ
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.11 J	--	0.51	< 0.22 U	< 0.21 U
Chrysene	1	4.9	47	1	mg/kg	**1.2**	--	**2.7**	0.49	0.040 J
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.13	--	0.26	0.042 J	< 0.042 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.055 J	--	0.58	0.6	< 0.43 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Fluoranthene	85	100	500	1000	mg/kg	2.2	--	7.7	1.7	0.08
Fluorene	30	100	500	386	mg/kg	0.081	--	0.99	1	0.020 J
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.64**	--	**1.3**	0.14	0.025 J
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Naphthalene	12	100	500	12	mg/kg	0.065	--	0.99	0.59	0.063
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	1.1	--	**6.2**	**2.5**	0.063
Phenol	0.33	100	500	0.33	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
Pyrene	64	100	500	1000	mg/kg	2.4	--	7.4	2.1	0.093
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	--	< 0.41 U	< 0.43 U	< 0.43 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.032 J	--	--	--	0.018 J
Acenaphthene	20	100	500	98	mg/kg	0.051	--	--	--	0.019 J
Acenaphthylene	100	100	500	365	mg/kg	0.05	--	--	--	< 0.049 U
Anthracene	100	100	500	1000	mg/kg	0.16	--	--	--	0.042 J
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.88	--	--	--	0.082
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.99	--	--	--	0.07
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.4**	--	--	--	0.078
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**0.73**	--	--	--	< 0.049 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.47	--	--	--	0.036 J
Chrysene	1	4.9	47	1	mg/kg	0.99	--	--	--	0.078
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.2	--	--	--	< 0.049 U
Fluoranthene	85	100	500	1000	mg/kg	1.8	--	--	--	0.14
Fluorene	30	100	500	386	mg/kg	0.072	--	--	--	0.037 J
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.71**	--	--	--	0.025 J
Naphthalene	12	100	500	12	mg/kg	0.061	--	--	--	0.081
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.88	--	--	--	0.11
Pyrene	64	100	500	1000	mg/kg	1.8	--	--	--	0.16
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.0590 J	--	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.458 J	--	--	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.289 J	--	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**
					Coordinates (Northing, Easting)	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**
					Sample Name	**224341-SB-CT-08-00-0.5**	**224341-SB-CT-08-AR-13-14**	**224341-SB-CT-08-15-17**	**224341-SB-CT-08-19-21**	**224341-SB-CT-08-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**13 - 14**	**15 - 17**	**19 - 21**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Archived Sample (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	0.787 J	--	--	--
Acenaphthene	20	100	500	98	mg/kg	--	1.64 J	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	--	0.371 J	--	--	--
Anthracene	100	100	500	1000	mg/kg	--	2.3 J	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	**4.26 J**	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	**4.52 J**	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	**4.05 J**	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	**2.98 J**	--	--	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	3.22 J	--	--	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	2.91 J	--	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	0.179 J	--	--	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	1.75 J	--	--	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.201 J	--	--	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	3.02 J	--	--	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.273 J	--	--	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.869 J	--	--	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	2.02 J	--	--	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	0.84 J	--	--	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.203 J	--	--	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	1.27 J	--	--	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.291 J	--	--	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.616 J	--	--	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	1.1 J	--	--	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	0.725 J	--	--	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.181 J	--	--	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.676 J	--	--	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	0.469 J	--	--	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.439 J	--	--	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.49 J	--	--	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.395 J	--	--	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.146 J	--	--	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	0.482 J	--	--	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	0.323 J	--	--	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	0.195 J	--	--	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	4.05 J	--	--	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	0.805 J	--	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	--	0.903 J	--	--	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	0.429 J	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	--	7.36 J	--	--	--
Fluorene	30	100	500	386	mg/kg	--	1.35 J	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	**2.87 J**	--	--	--
Naphthalene	12	100	500	12	mg/kg	--	1.14 J	--	--	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	1.33 J	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	**6.89 J**	--	--	--
Pyrene	64	100	500	1000	mg/kg	--	6.64 J	--	--	--
Retene	NSL	NSL	NSL	NSL	mg/kg	--	0.0706 J	--	--	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	6140	--	6770	3840	6640
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.56 U	--	< 4.79 UJ	< 4.92 UJ	< 4.83 UJ
Arsenic	13	16	16	16	mg/kg	7.84	--	6.44	5.49	5.98
Barium	410	410	410	820	mg/kg	91.8	--	183	50.5	20
Beryllium	4.4	43	670	47	mg/kg	0.262 J	--	0.335 J	0.238 J	0.351 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**
					Coordinates (Northing, Easting)	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**
					Sample Name	**224341-SB-CT-08-00-0.5**	**224341-SB-CT-08-AR-13-14**	**224341-SB-CT-08-15-17**	**224341-SB-CT-08-19-21**	**224341-SB-CT-08-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**13 - 14**	**15 - 17**	**19 - 21**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Archived Sample (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.911 U	--	0.521 J	0.315 J	< 0.966 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	42500	--	28300 J	11100 J	6760 J
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.36 U	--	< 1.9 UJ	< 0.4 UJ	< 2.5 UJ
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	18.8	--	18.4	9.67	13.1
Cobalt	NSL	NSL	NSL	NSL	mg/kg	4.2	--	4.72	4.26	5.58
Copper	50	280	280	1720	mg/kg	47.8	--	**65.5**	50	13.2
Cyanide	2.3	13	28	40	mg/kg	< 0.57 U	--	< 0.58 U	< 2.6 U	< 0.56 U
Iron	NSL	NSL	NSL	NSL	mg/kg	12800	--	16800	12000	19200
Lead	63	400	1000	450	mg/kg	**109**	--	**250**	**190**	33.3
Magnesium	NSL	NSL	NSL	NSL	mg/kg	5090	--	5220 J	2710 J	2950 J
Manganese	1600	2000	10000	2000	mg/kg	198	--	264	189	263
Mercury	0.18	0.3	1.1	0.73	mg/kg	**0.375**	--	**0.698**	**0.564**	0.090 J
Nickel	30	320	320	130	mg/kg	14.2	--	15.7	10.9	12.9
Potassium	NSL	NSL	NSL	NSL	mg/kg	1440	--	920	490	1110
Selenium	3.9	110	1700	4	mg/kg	< 1.82 U	--	0.398 J	< 1.97 U	< 1.93 U
Silver	2	110	1700	8.3	mg/kg	< 0.456 U	--	0.527	0.334 J	< 0.483 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	378	--	435	269	536
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.82 U	--	< 1.91 U	< 1.97 U	< 1.93 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	20.7	--	21.7	15.3	19.4
Zinc	109	6600	10000	2480	mg/kg	**270**	--	**330**	**323**	35.9
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.96 U	--	< 4.97 U	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.96 U	--	< 4.97 U	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.992 U	--	< 0.993 UJ	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	0.0980 J	--	0.593	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.98 U	--	< 1.99 U	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.98 U	--	< 1.99 U	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	< 0.397 U	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	< 0.397 U	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	< 0.397 U	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	< 0.397 U	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.794 U	--	< 0.795 U	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	0.148 J	--	< 0.199 U	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	0.0705 J	--	0.0820 J	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	0.112 J	--	< 0.199 U	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**	**SB-CT-08**
					Coordinates (Northing, Easting)	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**	**202703.81, 994999.45**
					Sample Name	**224341-SB-CT-08-00-0.5**	**224341-SB-CT-08-AR-13-14**	**224341-SB-CT-08-15-17**	**224341-SB-CT-08-19-21**	**224341-SB-CT-08-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**13 - 14**	**15 - 17**	**19 - 21**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**	**9/23/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**N**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Archived Sample (Y/N)	**N**	**Y**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	0.116 J	--	0.195 J	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	0.170 J	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.629	--	**1.59**	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.116 J	--	0.514	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.198 U	--	< 0.199 U	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.397 U	--	< 0.397 U	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	0.144 J	--	< 0.199 U	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	0.151 J	--	0.0659 J	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	0.0837 J	--	0.295	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 1.2 U	--	< 1.2 U	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.040 J	--	< 0.097 U	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.09 U	--	< 0.097 U	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	0.04	--	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	36000	25000	--	--	--
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	995 J	--	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-09	SB-CT-09	SB-CT-09	SB-CT-09	SB-CT-09
					Coordinates (Northing, Easting)	202554.016, 995159.603	202554.016, 995159.603	202554.016, 995159.603	202554.016, 995159.603	202554.016, 995159.603
					Sample Name	224341-SB-CT-09-00-0.5	224341-SB-CT-09-08-10	224341-SB-CT-09-15-17	224341-SB-CT-DUP-03	224341-SB-CT-09-68-70
					Depth Range (ft bgs)	0 - 0.5	8 - 10	15 - 17	15 - 17	68 - 70
					Parent Sample ID				224341-SB-CT-09-15-17	
					Sample Date	9/24/2025	9/24/2025	9/24/2025	9/24/2025	9/24/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	N	N	N	N
					Number of Archived Samples Per Boring	0				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.00086 U	< 0.053 U	< 0.095 U	< 0.00082 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.0086 U	< 0.11 U	< 0.19 U	< 0.0082 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0044 U	< 0.0034 U	< 0.11 U	< 0.19 U	< 0.0033 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.53 U	< 0.95 U	< 0.0016 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.21 U	< 0.38 U	< 0.0016 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	0.031 J	< 0.0016 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.53 U	< 0.95 U	< 0.0016 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.00086 U	< 0.053 UJ	< 0.095 UJ	< 0.00082 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 0.017 U	< 1.1 U	< 1.9 U	< 0.016 U
Acetone	0.03	100	500	0.03	mg/kg	0.017 J	< 0.086 UJ	< 5.3 U	< 9.5 U	< 0.082 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	0.00072 J
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 UJ	< 0.0086 UJ	< 0.53 U	< 0.95 U	< 0.0082 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 0.017 U	< 0.53 U	< 0.95 U	< 0.016 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 0.017 U	< 0.21 U	< 0.38 U	< 0.016 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0044 U	< 0.0034 U	< 0.21 U	< 0.38 U	< 0.0033 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.0086 U	< 0.21 UJ	< 0.38 UJ	< 0.0082 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.00086 U	< 0.053 U	< 0.095 U	< 0.00082 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.0086 U	< 0.21 U	< 0.38 U	< 0.0082 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.00086 U	< 0.053 U	< 0.095 U	< 0.00082 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 0.017 U	< 0.21 U	< 0.38 U	< 0.016 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	0.11 J	0.4	< 0.0016 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 1.1 U	< 1.9 U	< 0.0016 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.044 U	< 0.034 U	< 2.1 U	< 3.8 U	< 0.033 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.022 U	< 0.017 U	< 1.1 U	< 1.9 U	< 0.016 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	2.4 J	11 J	< 0.0016 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.022 U	< 0.017 U	< 0.53 U	< 0.95 U	< 0.016 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0044 U	< 0.0034 U	< 0.21 U	< 0.38 U	< 0.0033 U
Naphthalene	12	100	500	12	mg/kg	0.0017 J	< 0.0034 U	0.041 J	0.078 J	< 0.0033 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0022 U	< 0.0017 U	0.052 J	0.11 J	< 0.0016 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0022 U	< 0.0017 U	0.090 J	0.37	< 0.0016 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0022 U	0.00091 J	0.13	0.4	< 0.0016 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-09	SB-CT-09	SB-CT-09	SB-CT-09	SB-CT-09
					Coordinates (Northing, Easting)	202554.016, 995159.603	202554.016, 995159.603	202554.016, 995159.603	202554.016, 995159.603	202554.016, 995159.603
					Sample Name	224341-SB-CT-09-00-0.5	224341-SB-CT-09-08-10	224341-SB-CT-09-15-17	224341-SB-CT-DUP-03	224341-SB-CT-09-68-70
					Depth Range (ft bgs)	0 - 0.5	8 - 10	15 - 17	15 - 17	68 - 70
					Parent Sample ID				224341-SB-CT-09-15-17	
					Sample Date	9/24/2025	9/24/2025	9/24/2025	9/24/2025	9/24/2025
					Forensics Screening (Y/N)	Y	N	N	N	Y
					Passed Forensic Screening (Y/N)	Y	NA	NA	NA	N
					Forensic Evaluation (Y/N)	Y	Y	Y	Y	N
					Archived Sample (Y/N)	N	N	N	N	N
					Number of Archived Samples Per Boring	0				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0022 U	< 0.0017 U	0.031 J	0.12 J	< 0.0016 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0044 U	< 0.0034 U	< 0.11 U	< 0.19 U	< 0.0033 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 UJ	< 0.19 UJ	< 0.0016 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.00086 U	< 0.053 U	< 0.095 U	< 0.00082 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.0086 U	< 0.21 U	< 0.38 U	< 0.0082 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.011 UJ	< 0.0086 UJ	< 0.21 U	< 0.38 U	< 0.0082 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0022 U	< 0.0017 U	< 0.11 U	< 0.19 U	< 0.0016 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.028 J	0.13	0.066	< 0.038 U	< 0.04 U
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.73 UJ	< 0.76 U	< 0.78 U	< 0.77 U	< 0.81 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.72 UJ	< 0.75 U	< 0.77 U	< 0.76 U	< 0.8 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.047	0.25	0.019 J	< 0.038 U	< 0.04 U
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	0.32 J	< 0.4 U	< 0.39 U	< 0.41 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.19 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.21 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.72 U	< 0.75 U	< 0.77 U	< 0.76 U	< 0.8 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.72 U	< 0.75 U	< 0.77 U	< 0.76 U	< 0.8 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.72 UJ	< 0.75 U	< 0.77 U	< 0.76 U	< 0.8 U
Acenaphthene	20	100	500	98	mg/kg	0.061	0.24	< 0.039 U	< 0.038 U	< 0.04 U
Acenaphthylene	100	100	500	365	mg/kg	0.014 J	0.075	< 0.039 U	< 0.038 U	< 0.04 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Anthracene	100	100	500	1000	mg/kg	0.2	0.53	0.09	0.066	< 0.04 U
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.73 UJ	< 0.76 UJ	< 0.78 UJ	< 0.77 UJ	< 0.81 UJ
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 UJ	< 0.4 UJ	< 0.39 UJ	< 0.41 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.39	**1.2**	0.061	0.044	< 0.04 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.39	1	0.038 J	0.027 J	< 0.04 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.47	**1.2**	0.039	0.029 J	< 0.04 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.32	**0.72**	0.029 J	0.020 J	< 0.04 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.17	0.43	0.015 J	0.011 J	< 0.04 U
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.073 U	< 0.076 U	< 0.078 U	< 0.077 U	< 0.081 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**
					Coordinates (Northing, Easting)	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**
					Sample Name	**224341-SB-CT-09-00-0.5**	**224341-SB-CT-09-08-10**	**224341-SB-CT-09-15-17**	**224341-SB-CT-DUP-03**	**224341-SB-CT-09-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**8 - 10**	**15 - 17**	**15 - 17**	**68 - 70**
					Parent Sample ID				**224341-SB-CT-09-15-17**	
					Sample Date	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 UJ	< 0.4 UJ	< 0.39 UJ	< 0.41 UJ
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.085 J	< 0.19 U	< 0.2 U	< 0.2 U	< 0.21 U
Chrysene	1	4.9	47	1	mg/kg	0.4	**1.3**	0.068	0.051	< 0.04 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.06	0.17	< 0.039 U	< 0.038 U	< 0.04 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.097 J	0.23 J	< 0.4 U	< 0.39 U	< 0.41 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Fluoranthene	85	100	500	1000	mg/kg	1	3.2	0.13	0.09	< 0.04 U
Fluorene	30	100	500	386	mg/kg	0.1	0.47	< 0.039 U	< 0.038 U	< 0.04 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.29	**0.66**	0.023 J	0.016 J	< 0.04 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Naphthalene	12	100	500	12	mg/kg	0.1	0.23	0.033 J	0.030 J	0.011 J
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.88	**1.6**	0.56	0.47	< 0.04 U
Phenol	0.33	100	500	0.33	mg/kg	< 0.37 UJ	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
Pyrene	64	100	500	1000	mg/kg	0.83	2.9	0.21	0.15	< 0.04 U
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.37 U	< 0.38 U	< 0.4 U	< 0.39 U	< 0.41 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.031 J	--	--	--	< 0.04 U
Acenaphthene	20	100	500	98	mg/kg	0.049	--	--	--	< 0.04 U
Acenaphthylene	100	100	500	365	mg/kg	< 0.036 U	--	--	--	< 0.04 U
Anthracene	100	100	500	1000	mg/kg	0.12	--	--	--	< 0.04 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.33	--	--	--	< 0.04 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.35	--	--	--	< 0.04 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.45	--	--	--	< 0.04 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.2	--	--	--	< 0.04 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.14	--	--	--	< 0.04 U
Chrysene	1	4.9	47	1	mg/kg	0.31	--	--	--	< 0.04 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.027 J	--	--	--	< 0.04 U
Fluoranthene	85	100	500	1000	mg/kg	0.68	--	--	--	< 0.04 U
Fluorene	30	100	500	386	mg/kg	0.074	--	--	--	< 0.04 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.2	--	--	--	< 0.04 U
Naphthalene	12	100	500	12	mg/kg	0.062	--	--	--	< 0.04 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.58	--	--	--	< 0.04 U
Pyrene	64	100	500	1000	mg/kg	0.66	--	--	--	< 0.04 U
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.00957 J	0.0857	0.722	0.597	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0310 J	0.229	0.0494	0.0297	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	0.0306 J	0.495	2.49	1.95	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**
					Coordinates (Northing, Easting)	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**
					Sample Name	**224341-SB-CT-09-00-0.5**	**224341-SB-CT-09-08-10**	**224341-SB-CT-09-15-17**	**224341-SB-CT-DUP-03**	**224341-SB-CT-09-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**8 - 10**	**15 - 17**	**15 - 17**	**68 - 70**
					Parent Sample ID				**224341-SB-CT-09-15-17**	
					Sample Date	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.0484 J	0.642	0.0395	0.00743 J	--
Acenaphthene	20	100	500	98	mg/kg	0.0758 J	0.738	0.725	0.37	--
Acenaphthylene	100	100	500	365	mg/kg	0.0449 J	0.205	0.066	0.0162	--
Anthracene	100	100	500	1000	mg/kg	0.267 J	1.03	0.219	0.152	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.596 J	**1.53**	0.193	0.0535	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.678 J	**1.53**	0.219	0.0365	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.557 J	**1.25**	0.238	0.028	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.505 J	**0.928**	0.166	0.0244	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	0.532 J	1.2	0.123	0.0287	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	0.469 J	0.811	0.0393	0.0293	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	0.0192 J	0.0972	< 0.0379 U	0.00760 J	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.275 J	0.741	0.133	0.102	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0562 J	0.248	0.258	0.228	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.388 J	1.73	0.315	0.276	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0306 J	0.592	0.658	0.532	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0552 J	0.619	0.132 J	0.0561 J	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.292 J	1.75	1.9	1.83	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.179 J	0.408	0.123	0.0893	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0436 J	0.368	0.407	0.382	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.297 J	0.655	0.213	0.189	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.0421 J	1.31	1.5	1.44	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0702 J	1.05	5.32	3.81	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.18 J	1.95	2.39	2.37	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	0.244 J	0.327	0.17	0.0759	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0478 J	0.267	0.315	0.291	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.169 J	0.337	0.166	0.144	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	0.102 J	1.4	1.62	1.62	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0651 J	1.65	5.7	4.6	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.107 J	1.4	1.5	1.45	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.187 J	0.234	< 0.0379 U	0.0475	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	0.0407 J	0.143	0.215	0.184	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	0.149 J	0.241	0.117	0.0901	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	0.0429 J	2.48	3.98	3.31	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	0.0624 J	0.621	0.711	0.607	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	0.618 J	1.51	0.15	0.0775	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	0.134 J	0.366	0.113	0.00813 J	--
Dibenzofuran	2.1	18	180	110	mg/kg	0.116 J	0.464	0.0222 J	0.0154	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	0.0632 J	0.281	0.112	0.0869	--
Fluoranthene	85	100	500	1000	mg/kg	1.08 J	3.37	0.244	0.0891	--
Fluorene	30	100	500	386	mg/kg	0.116 J	0.962	0.378	0.2	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	0.48 J	**0.95**	0.235	0.0233	--
Naphthalene	12	100	500	12	mg/kg	0.0984 J	0.591	0.106	0.0693 J	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	0.195 J	0.318	0.0170 J	0.00897 J	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	1.06 J	**2.83**	0.932	0.681	--
Pyrene	64	100	500	1000	mg/kg	0.992 J	3.14	0.387	0.207	--
Retene	NSL	NSL	NSL	NSL	mg/kg	0.0243 J	0.331	0.142	0.129	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	5930	6760	3730	4450	3650
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.3 UJ	< 4.48 UJ	< 4.5 UJ	< 4.4 UJ	< 4.58 UJ
Arsenic	13	16	16	16	mg/kg	7.05	3.51	1.75	1.89	3.09
Barium	410	410	410	820	mg/kg	54.9	38.3	18.4	21.4	42.8
Beryllium	4.4	43	670	47	mg/kg	0.330 J	0.387 J	0.426 J	0.405 J	0.468

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**
					Coordinates (Northing, Easting)	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**
					Sample Name	**224341-SB-CT-09-00-0.5**	**224341-SB-CT-09-08-10**	**224341-SB-CT-09-15-17**	**224341-SB-CT-DUP-03**	**224341-SB-CT-09-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**8 - 10**	**15 - 17**	**15 - 17**	**68 - 70**
					Parent Sample ID				**224341-SB-CT-09-15-17**	
					Sample Date	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	< 0.861 U	< 0.896 U	< 0.899 U	< 0.88 U	< 0.917 U
Calcium	NSL	NSL	NSL	NSL	mg/kg	66100 J	2130 J	367 J	463 J	1520 J
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.35 U	< 0.36 U	< 0.37 U	< 0.37 U	< 4.8 U
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	14	14.3	14	14.2	12.7
Cobalt	NSL	NSL	NSL	NSL	mg/kg	2.77	5.96	6.55	6.91	2.91
Copper	50	280	280	1720	mg/kg	17.1	14.1	10.1	11.6	21.3
Cyanide	2.3	13	28	40	mg/kg	< 0.46 U	< 0.48 U	< 0.54 U	< 0.51 U	< 0.58 U
Iron	NSL	NSL	NSL	NSL	mg/kg	9160	18900	17900	17100	26100
Lead	63	400	1000	450	mg/kg	30.3	14	3.82 J	4.4	11
Magnesium	NSL	NSL	NSL	NSL	mg/kg	4800 J	2150 J	1090 J	1520 J	764 J
Manganese	1600	2000	10000	2000	mg/kg	180	411	117	133	59.9
Mercury	0.18	0.3	1.1	0.73	mg/kg	0.080 J	< 0.073 U	< 0.076 U	< 0.078 U	< 0.082 U
Nickel	30	320	320	130	mg/kg	8.58	10.8	9.48	9.66	4.74
Potassium	NSL	NSL	NSL	NSL	mg/kg	864	1130	597	700	554
Selenium	3.9	110	1700	4	mg/kg	< 1.72 U	< 1.79 U	< 1.8 U	< 1.76 U	< 1.83 U
Silver	2	110	1700	8.3	mg/kg	< 0.43 U	< 0.448 U	< 0.45 U	< 0.44 U	< 0.458 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	228	128 J	< 180 U	< 176 U	131 J
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.72 U	< 1.79 U	< 1.8 U	< 1.76 U	< 1.83 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	22.9	22.7	20.8	23.8	23.3
Zinc	109	6600	10000	2480	mg/kg	83.2	35.4	26.5	29.7	19.5
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.779 U	< 0.799 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.779 UJ	< 0.799 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.779 UJ	< 0.799 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	0.383 J	< 0.799 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.87 U	< 4.99 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.87 U	< 4.99 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.974 UJ	< 0.998 UJ	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.779 U	< 0.799 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.779 U	< 0.799 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.779 U	< 0.799 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 UJ	< 0.2 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.95 U	< 2 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 UJ	< 0.2 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.95 U	< 2 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.399 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.399 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.399 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.399 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.779 UJ	< 0.799 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**	**SB-CT-09**
					Coordinates (Northing, Easting)	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**	**202554.016, 995159.603**
					Sample Name	**224341-SB-CT-09-00-0.5**	**224341-SB-CT-09-08-10**	**224341-SB-CT-09-15-17**	**224341-SB-CT-DUP-03**	**224341-SB-CT-09-68-70**
					Depth Range (ft bgs)	**0 - 0.5**	**8 - 10**	**15 - 17**	**15 - 17**	**68 - 70**
					Parent Sample ID				**224341-SB-CT-09-15-17**	
					Sample Date	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**	**9/24/2025**
					Forensics Screening (Y/N)	**Y**	**N**	**N**	**N**	**Y**
					Passed Forensic Screening (Y/N)	**Y**	**NA**	**NA**	**NA**	**N**
					Forensic Evaluation (Y/N)	**Y**	**Y**	**Y**	**Y**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**N**	**N**
					Number of Archived Samples Per Boring	**0**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.154 J	0.0796 J	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.0706 J	< 0.2 U	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.39 U	< 0.399 U	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	< 0.195 U	< 0.2 U	--	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 1.1 U	< 0.056 U	--	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.09 U	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.09 U	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.09 U	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.09 U	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	**0.29**	< 0.09 U	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	**0.43**	< 0.09 U	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	**0.13**	< 0.09 U	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.09 U	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.088 U	< 0.09 U	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	**0.85**	--	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	31000	26000	3700 J	1600 J	4800
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	580 J	1850	2560	2010	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**
					Coordinates (Northing, Easting)	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**
					Sample Name	**224341-SB-CT-10-00-0.5**	**224341-SB-CT-10-11-13**	**224341-SB-CT-10-AR-11-13**	**224341-SB-CT-10-16-18**	**224341-SB-CT-10-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**11 - 13**	**11 - 13**	**16 - 18**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**
					Forensics Screening (Y/N)	**N**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.043 U	--	< 0.00095 U	< 0.00085 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.086 U	--	< 0.0095 U	< 0.0085 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0043 U	< 0.086 U	--	< 0.0038 U	< 0.0034 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.43 U	--	< 0.0019 U	< 0.0017 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.17 U	--	< 0.0019 U	< 0.0017 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0021 U	0.070 J	--	< 0.0019 U	< 0.0017 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.43 U	--	< 0.0019 U	< 0.0017 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.043 U	--	< 0.00095 U	< 0.00085 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0021 U	0.025 J	--	< 0.0019 U	< 0.0017 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.021 U	< 0.86 U	--	< 0.019 U	< 0.017 U
Acetone	0.03	100	500	0.03	mg/kg	0.017 J	< 4.3 U	--	< 0.095 UJ	< 0.085 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	0.0025	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 UJ	< 0.43 U	--	< 0.0095 UJ	< 0.0085 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.021 U	< 0.43 U	--	< 0.019 U	< 0.017 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.021 U	< 0.17 U	--	< 0.019 U	< 0.017 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0043 U	< 0.17 U	--	< 0.0038 U	< 0.0034 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.17 UJ	--	< 0.0095 U	< 0.0085 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0021 U	0.051 J	--	< 0.0019 U	< 0.0017 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.043 U	--	< 0.00095 U	< 0.00085 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.17 U	--	< 0.0095 U	< 0.0085 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	0.013 J	--	< 0.0019 U	< 0.0017 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.043 U	--	< 0.00095 U	< 0.00085 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.021 U	< 0.17 U	--	< 0.019 U	< 0.017 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.86 U	--	< 0.0019 U	< 0.0017 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.043 U	< 1.7 U	--	< 0.038 U	< 0.034 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.021 U	< 0.86 U	--	< 0.019 U	< 0.017 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	0.30 J	--	< 0.0019 U	< 0.0017 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.021 U	< 0.43 U	--	< 0.019 U	< 0.017 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0043 U	< 0.17 U	--	< 0.0038 U	< 0.0034 U
Naphthalene	12	100	500	12	mg/kg	< 0.0043 U	0.32 J	--	< 0.0038 U	0.01
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0021 U	0.36 J	--	< 0.0019 U	< 0.0017 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**
					Coordinates (Northing, Easting)	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**
					Sample Name	**224341-SB-CT-10-00-0.5**	**224341-SB-CT-10-11-13**	**224341-SB-CT-10-AR-11-13**	**224341-SB-CT-10-16-18**	**224341-SB-CT-10-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**11 - 13**	**11 - 13**	**16 - 18**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**
					Forensics Screening (Y/N)	**N**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0021 U	0.19 J	--	< 0.0019 U	< 0.0017 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0043 U	< 0.086 U	--	< 0.0038 U	< 0.0034 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0021 U	0.12 J	--	< 0.0019 U	< 0.0017 U
Toluene	0.7	100	500	0.7	mg/kg	0.00084 J	< 0.086 U	--	0.00053 J	< 0.0017 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.0011 U	< 0.043 U	--	< 0.00095 U	< 0.00085 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0021 U	**0.76 J**	--	< 0.0019 U	< 0.0017 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.011 U	< 0.17 U	--	< 0.0095 U	< 0.0085 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.011 UJ	< 0.17 U	--	< 0.0095 UJ	< 0.0085 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0021 U	< 0.086 U	--	< 0.0019 U	< 0.0017 U
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.038 U	< 0.037 U	--	< 0.039 U	< 0.037 U
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.75 U	--	< 0.8 U	< 0.75 U
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.74 U	--	< 0.79 U	< 0.74 U
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 UJ	--	< 0.41 UJ	< 0.38 U
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.099	< 0.037 U	--	< 0.039 U	< 0.037 U
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	< 0.38 UJ	--	< 0.41 UJ	< 0.38 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.2 U	< 0.19 U	--	< 0.2 U	< 0.19 U
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 UJ	--	< 0.41 UJ	< 0.38 U
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.74 U	--	< 0.79 U	< 0.74 U
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.74 U	--	< 0.79 U	< 0.74 U
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.76 U	< 0.74 U	--	< 0.79 U	< 0.74 U
Acenaphthene	20	100	500	98	mg/kg	0.11	< 0.037 U	--	0.015 J	< 0.037 U
Acenaphthylene	100	100	500	365	mg/kg	0.057	< 0.037 U	--	0.0080 J	< 0.037 U
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Anthracene	100	100	500	1000	mg/kg	0.29	< 0.037 U	--	0.035 J	< 0.037 U
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.77 U	< 0.75 U	--	< 0.8 U	< 0.75 U
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.39 UJ	< 0.38 UJ	--	< 0.41 UJ	< 0.38 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.95	0.029 J	--	0.089	< 0.037 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**1.1**	0.022 J	--	0.11	< 0.037 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.3**	0.022 J	--	0.13	< 0.037 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	0.61	< 0.037 U	--	0.079	< 0.037 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.45	0.0097 J	--	0.051	< 0.037 U
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	0.16 J	< 0.38 U	--	< 0.41 U	< 0.38 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.077 U	< 0.075 U	--	< 0.08 U	< 0.075 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**
					Coordinates (Northing, Easting)	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**
					Sample Name	**224341-SB-CT-10-00-0.5**	**224341-SB-CT-10-11-13**	**224341-SB-CT-10-AR-11-13**	**224341-SB-CT-10-16-18**	**224341-SB-CT-10-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**11 - 13**	**11 - 13**	**16 - 18**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**
					Forensics Screening (Y/N)	**N**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	0.097 J	< 0.38 U	--	0.098 J	< 0.38 U
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Carbazole	NSL	NSL	NSL	NSL	mg/kg	0.12 J	< 0.19 U	--	< 0.2 U	< 0.19 U
Chrysene	1	4.9	47	1	mg/kg	1	0.025 J	--	0.099	< 0.037 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.15	< 0.037 U	--	< 0.039 U	< 0.037 U
Dibenzofuran	2.1	18	180	110	mg/kg	0.081 J	< 0.38 U	--	< 0.41 U	< 0.38 U
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Fluoranthene	85	100	500	1000	mg/kg	2	0.055	--	0.18	< 0.037 U
Fluorene	30	100	500	386	mg/kg	0.11	< 0.037 U	--	0.018 J	< 0.037 U
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.6**	< 0.037 U	--	0.08	< 0.037 U
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Naphthalene	12	100	500	12	mg/kg	0.19	< 0.037 U	--	< 0.039 U	< 0.037 U
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	**1.3**	< 0.037 U	--	0.13	0.0089 J
Phenol	0.33	100	500	0.33	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
Pyrene	64	100	500	1000	mg/kg	2.1	0.11	--	0.2	< 0.037 U
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.39 U	< 0.38 U	--	< 0.41 U	< 0.38 U
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Acenaphthene	20	100	500	98	mg/kg	--	--	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	--	--	--	--	--
Anthracene	100	100	500	1000	mg/kg	--	--	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	--	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	--	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	--	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	--	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	--	--	--	--	--
Chrysene	1	4.9	47	1	mg/kg	--	--	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	--	--	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	--	--	--	--	--
Fluorene	30	100	500	386	mg/kg	--	--	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	--	--	--	--
Naphthalene	12	100	500	12	mg/kg	--	--	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	--	--	--	--
Pyrene	64	100	500	1000	mg/kg	--	--	--	--	--
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0152 J	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.00493 J	--	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.00554 J	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**
					Coordinates (Northing, Easting)	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**
					Sample Name	**224341-SB-CT-10-00-0.5**	**224341-SB-CT-10-11-13**	**224341-SB-CT-10-AR-11-13**	**224341-SB-CT-10-16-18**	**224341-SB-CT-10-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**11 - 13**	**11 - 13**	**16 - 18**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**
					Forensics Screening (Y/N)	**N**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.00574 J	--	--
Acenaphthene	20	100	500	98	mg/kg	--	--	0.0221 J	--	--
Acenaphthylene	100	100	500	365	mg/kg	--	--	0.0103 J	--	--
Anthracene	100	100	500	1000	mg/kg	--	--	0.0558 J	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	--	0.0638 J	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	--	0.0558 J	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	--	0.0514 J	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	--	0.0406 J	--	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0476 J	--	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0414 J	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	--	0.00418 J	--	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0536 J	--	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0862 J	--	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.153 J	--	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.28 J	--	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0282 J	--	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.164 J	--	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0450 J	--	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.184 J	--	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0970 J	--	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.842 J	--	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.1 J	--	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.451 J	--	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0376 J	--	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.178 J	--	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0667 J	--	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.92 J	--	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.474 J	--	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.655 J	--	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0227 J	--	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.108 J	--	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0509 J	--	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	--	1.67 J	--	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	--	0.351 J	--	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0694 J	--	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0119 J	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	--	--	0.0145 J	--	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0238 J	--	--
Fluoranthene	85	100	500	1000	mg/kg	--	--	0.168 J	--	--
Fluorene	30	100	500	386	mg/kg	--	--	0.0776 J	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	--	0.0392 J	--	--
Naphthalene	12	100	500	12	mg/kg	--	--	0.0126 J	--	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	--	0.0134 J	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	--	0.0689 J	--	--
Pyrene	64	100	500	1000	mg/kg	--	--	0.221 J	--	--
Retene	NSL	NSL	NSL	NSL	mg/kg	--	--	R	--	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	5870	5060	--	4450	2110
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.38 UJ	< 4.39 UJ	--	6.46 J	< 4.32 UJ
Arsenic	13	16	16	16	mg/kg	**22.8**	2.34	--	5.46	1.48
Barium	410	410	410	820	mg/kg	255 J	43.7 J	--	264 J	13.9 J
Beryllium	4.4	43	670	47	mg/kg	0.305 J	0.353 J	--	0.229 J	0.176 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**
					Coordinates (Northing, Easting)	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**
					Sample Name	**224341-SB-CT-10-00-0.5**	**224341-SB-CT-10-11-13**	**224341-SB-CT-10-AR-11-13**	**224341-SB-CT-10-16-18**	**224341-SB-CT-10-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**11 - 13**	**11 - 13**	**16 - 18**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**
					Forensics Screening (Y/N)	**N**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring			**1**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.656 J	0.400 J	--	0.323 J	0.187 J
Calcium	NSL	NSL	NSL	NSL	mg/kg	19200 J	1150 J	--	4840 J	442 J
Chromium, Hexavalent	1	1	11	19	mg/kg	R	R	--	0.35 J	R
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	20.3 J	18.4 J	--	12.2 J	7.37 J
Cobalt	NSL	NSL	NSL	NSL	mg/kg	5.69 J	7.55 J	--	4.86 J	4.20 J
Copper	50	280	280	1720	mg/kg	**65.8 J**	15.9 J	--	**779 J**	5.52 J
Cyanide	2.3	13	28	40	mg/kg	< 0.55 U	< 0.55 U	--	< 0.56 U	< 0.53 U
Iron	NSL	NSL	NSL	NSL	mg/kg	12600	20700	--	13200	11000
Lead	63	400	1000	450	mg/kg	**359 J**	6.38 J	--	**176 J**	2.26 J
Magnesium	NSL	NSL	NSL	NSL	mg/kg	3580 J	1940 J	--	1790 J	742 J
Manganese	1600	2000	10000	2000	mg/kg	198	283	--	204	108
Mercury	0.18	0.3	1.1	0.73	mg/kg	**0.678 J**	< 0.081 U	--	0.131 J	< 0.086 U
Nickel	30	320	320	130	mg/kg	11.3	11.4	--	7.65	5.29
Potassium	NSL	NSL	NSL	NSL	mg/kg	760	1620	--	900	323
Selenium	3.9	110	1700	4	mg/kg	< 1.75 U	< 1.76 U	--	< 1.89 U	< 1.73 U
Silver	2	110	1700	8.3	mg/kg	0.408 J	< 0.439 U	--	< 0.472 U	< 0.432 U
Sodium	NSL	NSL	NSL	NSL	mg/kg	254	< 176 U	--	273	< 173 U
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.75 U	< 1.76 U	--	< 1.89 U	< 1.73 U
Vanadium	NSL	NSL	NSL	NSL	mg/kg	17.1	26.6	--	18.6	11.8
Zinc	109	6600	10000	2480	mg/kg	**241**	39.5	--	**153**	12.5
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.99 U	< 4.88 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.99 U	< 4.88 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.999 U	< 0.976 U	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	0.190 J	< 0.195 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 2 U	< 1.95 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 2 U	< 1.95 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.391 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.391 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.391 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.391 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.799 U	< 0.781 U	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	0.106 J	< 0.195 U	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	0.131 J	< 0.195 U	--	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**	**SB-CT-10**
					Coordinates (Northing, Easting)	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**	**202493.442, 995341.953**
					Sample Name	**224341-SB-CT-10-00-0.5**	**224341-SB-CT-10-11-13**	**224341-SB-CT-10-AR-11-13**	**224341-SB-CT-10-16-18**	**224341-SB-CT-10-28-30**
					Depth Range (ft bgs)	**0 - 0.5**	**11 - 13**	**11 - 13**	**16 - 18**	**28 - 30**
					Parent Sample ID					
					Sample Date	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**	**9/26/2025**
					Forensics Screening (Y/N)	**N**	**N**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**NA**	**NA**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**Y**	**N**	**N**
					Number of Archived Samples Per Boring	**1**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	0.222	< 0.195 U	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	0.0893 J	< 0.195 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	**1.24**	< 0.195 U	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	0.457	< 0.195 U	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.399 U	< 0.391 U	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.2 U	< 0.195 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	0.166 J	< 0.195 U	--	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 2.3 U	< 0.056 U	--	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.09 U	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.09 U	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.09 U	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.09 U	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.09 U	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	0.078 J	< 0.09 U	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.051 J	< 0.09 U	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.09 U	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.092 U	< 0.09 U	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	**0.129**	--	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	--	--	1800	--	--
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	--	1680 J	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-00-0.5**	**224341-SB-CT-11-05-07**	**224341-SB-CT-11-22-24**	**224341-SB-CT-11-AR-30-32**	**224341-SB-CT-11-AR-40-42**
					Depth Range (ft bgs)	**0 - 0.5**	**5 - 7**	**22 - 24**	**30 - 32**	**40 - 42**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/30/2025**	**9/30/2025**	**9/30/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**2**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
VOCs (TCL VOCs 8260D)										
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.001 U	< 0.0017 U	< 0.062 U	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.01 U	< 0.017 U	< 0.12 U	--	--
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.004 U	< 0.0067 U	< 0.12 U	--	--
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.62 U	--	--
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.25 U	--	--
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.002 U	< 0.0033 U	0.25	--	--
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.62 U	--	--
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.001 U	< 0.0017 U	< 0.062 U	--	--
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.002 U	< 0.0033 U	0.14	--	--
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.033 U	< 1.2 U	--	--
Acetone	0.03	100	500	0.03	mg/kg	< 0.1 UJ	< 0.17 UJ	**0.32 J**	--	--
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.002 U	0.0015 J	**0.10 J**	--	--
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.01 UJ	< 0.017 UJ	< 0.62 U	--	--
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.033 U	< 0.62 U	--	--
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.033 U	< 0.25 U	--	--
Chloroform	0.37	24	180	0.37	mg/kg	< 0.004 U	< 0.0067 U	< 0.25 U	--	--
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.01 U	< 0.017 U	< 0.25 U	--	--
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.001 U	< 0.0017 U	< 0.062 U	--	--
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.01 U	< 0.017 U	0.17 J	--	--
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	0.018 J	--	--
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.001 U	< 0.0017 U	< 0.062 U	--	--
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.033 U	< 0.25 U	--	--
Ethylbenzene	1	76	390	1	mg/kg	< 0.002 U	< 0.0033 U	0.10 J	--	--
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--	--	--	--	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	0.18 J	--	--
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.04 U	< 0.067 U	**0.27 J**	--	--
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.02 U	< 0.033 U	< 1.2 U	--	--
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	0.23	--	--
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.02 U	< 0.033 U	< 0.62 U	--	--
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.004 U	< 0.0067 U	0.68	--	--
Naphthalene	12	100	500	12	mg/kg	< 0.004 U	< 0.0067 U	0.37	--	--
N-Butylbenzene	18	100	500	18	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
N-Propylbenzene	5	100	500	5	mg/kg	< 0.002 U	< 0.0033 U	0.051 J	--	--
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	0.19	--	--
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-00-0.5**	**224341-SB-CT-11-05-07**	**224341-SB-CT-11-22-24**	**224341-SB-CT-11-AR-30-32**	**224341-SB-CT-11-AR-40-42**
					Depth Range (ft bgs)	**0 - 0.5**	**5 - 7**	**22 - 24**	**30 - 32**	**40 - 42**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/30/2025**	**9/30/2025**	**9/30/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**2**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
T-Butylbenzene	11	100	500	11	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.004 U	< 0.0067 U	< 0.12 U	--	--
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Toluene	0.7	100	500	0.7	mg/kg	< 0.002 U	< 0.0033 U	0.51	--	--
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.001 U	< 0.0017 U	< 0.062 U	--	--
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.002 U	< 0.0033 U	< 0.12 U	--	--
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.01 U	< 0.017 U	< 0.25 U	--	--
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.01 UJ	< 0.017 UJ	< 0.25 U	--	--
Xylenes	0.26	100	500	1.2	mg/kg	< 0.002 U	< 0.0033 U	**0.87**	--	--
SVOCs (TCL SVOCs 8270E)										
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.084 J	1.9	2	--	--
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 7 U	< 4.2 U	< 1.1 U	--	--
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 6.9 U	< 4.2 U	< 1.1 U	--	--
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.14 J	2.6	2	--	--
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	0.12 J	--	--
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 3.6 UJ	< 2.2 UJ	< 0.55 UJ	--	--
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	0.48 J	0.33 J	--	--
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 1.8 U	< 1.1 U	< 0.28 U	--	--
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 6.9 U	< 4.2 U	< 1.1 U	--	--
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 6.9 U	< 4.2 U	< 1.1 U	--	--
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 6.9 U	< 4.2 U	< 1.1 U	--	--
Acenaphthene	20	100	500	98	mg/kg	0.091 J	4.2	3.3	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.081 J	1.9	0.59	--	--
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Anthracene	100	100	500	1000	mg/kg	0.34 J	9.6	12	--	--
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 7 U	< 4.2 U	< 1.1 U	--	--
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 3.6 UJ	< 2.2 UJ	< 0.55 UJ	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	**1.1**	**15**	**23**	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	**1.3**	**13**	**22**	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	**1.5**	**14**	**23**	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**1.1**	**7.7**	**15**	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.52	**5.4**	**8.6**	--	--
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.7 U	0.78	0.49	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-00-0.5**	**224341-SB-CT-11-05-07**	**224341-SB-CT-11-22-24**	**224341-SB-CT-11-AR-30-32**	**224341-SB-CT-11-AR-40-42**
					Depth Range (ft bgs)	**0 - 0.5**	**5 - 7**	**22 - 24**	**30 - 32**	**40 - 42**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/30/2025**	**9/30/2025**	**9/30/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring			**2**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 1.8 U	4.4	2.3	--	--
Chrysene	1	4.9	47	1	mg/kg	**1.3**	**14**	**23**	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	0.19 J	**1.5**	**1.9**	--	--
Dibenzofuran	2.1	18	180	110	mg/kg	< 3.6 U	**4.3**	1.8	--	--
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Fluoranthene	85	100	500	1000	mg/kg	1.9	60	57	--	--
Fluorene	30	100	500	386	mg/kg	0.12 J	5	4.3	--	--
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.89**	**7.4**	--	--	--
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Naphthalene	12	100	500	12	mg/kg	0.13 J	7.3	3.1	--	--
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 3.6 U	< 2.2 U	< 0.55 U	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	1.1	**59**	**34**	--	--
Phenol	0.33	100	500	0.33	mg/kg	< 3.6 U	**0.40 J**	0.25 J	--	--
Pyrene	64	100	500	1000	mg/kg	2.2	52	60	--	--
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 3.6 U	< 2.2 U	0.075 J	--	--
SVOCs (SVOCs 8270E SIM - Priority PAHs)										
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	0.11 J	1.2	--	--	--
Acenaphthene	20	100	500	98	mg/kg	< 0.17 U	2.5	--	--	--
Acenaphthylene	100	100	500	365	mg/kg	0.080 J	1.4	--	--	--
Anthracene	100	100	500	1000	mg/kg	0.11 J	6.1	--	--	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	0.64	**14**	--	--	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	0.78	**14**	--	--	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	0.92	**7.5**	--	--	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	**0.85**	**9.2**	--	--	--
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	0.38	**5.1**	--	--	--
Chrysene	1	4.9	47	1	mg/kg	0.7	**12**	--	--	--
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.17 U	**2.3**	--	--	--
Fluoranthene	85	100	500	1000	mg/kg	0.89	33	--	--	--
Fluorene	30	100	500	386	mg/kg	< 0.17 U	2.8	--	--	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	**0.8**	**9.7**	--	--	--
Naphthalene	12	100	500	12	mg/kg	0.079 J	2.7	--	--	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	0.47	**27**	--	--	--
Pyrene	64	100	500	1000	mg/kg	1.1	36	--	--	--
SVOCs SIM (SVOCs 8270E SIM(M))										
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	1 J	--	33.3 J	12 J
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	6.12 J	--	559 J	214 J
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--	3.57 J	--	250 J	96.5 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	SB-CT-11	SB-CT-11	SB-CT-11	SB-CT-11	SB-CT-11
					Coordinates (Northing, Easting)	203047.152, 994860.334	203047.152, 994860.334	203047.152, 994860.334	203047.152, 994860.334	203047.152, 994860.334
					Sample Name	224341-SB-CT-11-00-0.5	224341-SB-CT-11-05-07	224341-SB-CT-11-22-24	224341-SB-CT-11-AR-30-32	224341-SB-CT-11-AR-40-42
					Depth Range (ft bgs)	0 - 0.5	5 - 7	22 - 24	30 - 32	40 - 42
					Parent Sample ID					
					Sample Date	9/29/2025	9/29/2025	9/30/2025	9/30/2025	9/30/2025
					Forensics Screening (Y/N)	Y	Y	N	N	N
					Passed Forensic Screening (Y/N)	N	Y	NA	NA	NA
					Forensic Evaluation (Y/N)	N	Y	Y	N	N
					Archived Sample (Y/N)	N	N	N	Y	Y
					Number of Archived Samples Per Boring	2				
Analyte	UU SCO[1]	RR SCO[2]	COM SCO[3]	PROGW SCO[4]	Unit					
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--	9.88 J	--	870 J	274 J
Acenaphthene	20	100	500	98	mg/kg	--	14.6 J	--	**479 J**	**170 J**
Acenaphthylene	100	100	500	365	mg/kg	--	7.37 J	--	51.1 J	19.8 J
Anthracene	100	100	500	1000	mg/kg	--	39.1 J	--	**282 J**	**101 J**
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--	**49 J**	--	**147 J**	**53.6 J**
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--	**43.4 J**	--	**121 J**	**44.5 J**
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--	**34.1 J**	--	**54 J**	**19.7 J**
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--	**26.5 J**	--	**46.3 J**	**17.2 J**
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--	30.2 J	--	61.2 J	22.7 J
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--	26.9 J	--	56.3 J	20.8 J
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--	2.53 J	--	83.2 J	31.6 J
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	20 J	--	124 J	46.1 J
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	3.34 J	--	106 J	38.8 J
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	41.7 J	--	326 J	131 J
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	5.24 J	--	158 J	58 J
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	10 J	--	958 J	324 J
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	40.2 J	--	577 J	212 J
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	8.56 J	--	56.3 J	21 J
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	2.23 J	--	76.5 J	28.1 J
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	20.6 J	--	116 J	47.1 J
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	4.05 J	--	110 J	39.1 J
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	7.95 J	--	610 J	222 J
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	18.7 J	--	242 J	90.1 J
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--	6.1 J	--	24.2 J	9.06 J
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	1.44 J	--	32.1 J	12 J
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	9.19 J	--	34.2 J	14.6 J
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--	5.17 J	--	50 J	18.4 J
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	5.07 J	--	230 J	83.6 J
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	7.39 J	--	71.6 J	29 J
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	2.97 J	--	6.66 J	2.38 J
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--	0.506 J	--	9.76 J	4.02 J
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--	5.3 J	--	14 J	5.61 J
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--	2.32 J	--	71.4 J	26.2 J
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--	2.38 J	--	18.1 J	7.29 J
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--	40.4 J	--	139 J	51 J
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--	9.29 J	--	14.2 J	5.39 J
Dibenzofuran	2.1	18	180	110	mg/kg	--	**16.1 J**	--	**33.5 J**	**13.1 J**
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--	7.75 J	--	82.5 J	30.1 J
Fluoranthene	85	100	500	1000	mg/kg	--	**121 J**	--	**196 J**	71 J
Fluorene	30	100	500	386	mg/kg	--	20.2 J	--	**224 J**	**81.2 J**
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--	**24.9 J**	--	**42.6 J**	**15.8 J**
Naphthalene	12	100	500	12	mg/kg	--	**27.3 J**	--	**1340 J**	**436 J**
Perylene	NSL	NSL	NSL	NSL	mg/kg	--	11.5 J	--	17.6 J	6.52 J
Phenanthrene	1.1	4.9	47	1000	mg/kg	--	**138 J**	--	**716 J**	**264 J**
Pyrene	64	100	500	1000	mg/kg	--	**110 J**	--	**308 J**	**111 J**
Retene	NSL	NSL	NSL	NSL	mg/kg	--	1.02 J	--	3.38 J	1.16 J
Metals (SW6010D/SW7196A/SW7471B/SW9014)										
Aluminum	NSL	NSL	NSL	NSL	mg/kg	4760	4040	4670	--	--
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.19 U	< 4.93 U	< 6.5 UJ	--	--
Arsenic	13	16	16	16	mg/kg	6.03	**17.6**	**44.2 J**	--	--
Barium	410	410	410	820	mg/kg	178	262	194	--	--
Beryllium	4.4	43	670	47	mg/kg	0.287 J	0.302 J	0.324 J	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-00-0.5**	**224341-SB-CT-11-05-07**	**224341-SB-CT-11-22-24**	**224341-SB-CT-11-AR-30-32**	**224341-SB-CT-11-AR-40-42**
					Depth Range (ft bgs)	**0 - 0.5**	**5 - 7**	**22 - 24**	**30 - 32**	**40 - 42**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/30/2025**	**9/30/2025**	**9/30/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring			**2**		
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.725 J	1.06	2.02	--	--
Calcium	NSL	NSL	NSL	NSL	mg/kg	34100	5960	7100 J	--	--
Chromium, Hexavalent	1	1	11	19	mg/kg	< 0.84 U	< 2 U	< 2.4 U	--	--
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	13.8	17.6	10.3	--	--
Cobalt	NSL	NSL	NSL	NSL	mg/kg	4.26	6.2	5.79	--	--
Copper	50	280	280	1720	mg/kg	**82**	**98.6**	**57.1**	--	--
Cyanide	2.3	13	28	40	mg/kg	< 0.53 U	**6.5**	< 0.81 UJ	--	--
Iron	NSL	NSL	NSL	NSL	mg/kg	12000	17400	29100	--	--
Lead	63	400	1000	450	mg/kg	**398**	**818**	**188**	--	--
Magnesium	NSL	NSL	NSL	NSL	mg/kg	7490	2130	1630 J	--	--
Manganese	1600	2000	10000	2000	mg/kg	271	515	171	--	--
Mercury	0.18	0.3	1.1	0.73	mg/kg	**0.534**	**1.6**	**1.06**	--	--
Nickel	30	320	320	130	mg/kg	16.5	15.9	13.1	--	--
Potassium	NSL	NSL	NSL	NSL	mg/kg	561	738	615 J	--	--
Selenium	3.9	110	1700	4	mg/kg	< 1.68 U	0.931 J	2.65 J	--	--
Silver	2	110	1700	8.3	mg/kg	< 0.419 U	< 0.493 U	< 0.65 UJ	--	--
Sodium	NSL	NSL	NSL	NSL	mg/kg	223	2250	3900	--	--
Thallium	NSL	NSL	NSL	NSL	mg/kg	< 1.68 U	< 1.97 U	< 2.6 U	--	--
Vanadium	NSL	NSL	NSL	NSL	mg/kg	25.9	19.8	12.7	--	--
Zinc	109	6600	10000	2480	mg/kg	**326**	**769**	**1100**	--	--
PFAS (E1633)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.789 U	--	--	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.789 U	--	--	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.789 U	--	--	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.789 U	--	--	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.94 U	< 4.93 U	--	--	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 4.94 U	< 4.93 U	--	--	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	< 0.987 UJ	< 0.986 UJ	--	--	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.789 U	--	--	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.789 U	--	--	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	< 0.789 U	--	--	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.97 U	< 1.97 U	--	--	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	< 1.97 U	< 1.97 U	--	--	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.394 U	--	--	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.394 U	--	--	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.394 U	--	--	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	< 0.394 U	--	--	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	< 0.79 U	0.283 J	--	--	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	0.155 J	--	--	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	0.224	--	--	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	0.361	--	--	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	0.130 J	--	--	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	0.308	--	--	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-00-0.5**	**224341-SB-CT-11-05-07**	**224341-SB-CT-11-22-24**	**224341-SB-CT-11-AR-30-32**	**224341-SB-CT-11-AR-40-42**
					Depth Range (ft bgs)	**0 - 0.5**	**5 - 7**	**22 - 24**	**30 - 32**	**40 - 42**
					Parent Sample ID					
					Sample Date	**9/29/2025**	**9/29/2025**	**9/30/2025**	**9/30/2025**	**9/30/2025**
					Forensics Screening (Y/N)	**Y**	**Y**	**N**	**N**	**N**
					Passed Forensic Screening (Y/N)	**N**	**Y**	**NA**	**NA**	**NA**
					Forensic Evaluation (Y/N)	**N**	**Y**	**Y**	**N**	**N**
					Archived Sample (Y/N)	**N**	**N**	**N**	**Y**	**Y**
					Number of Archived Samples Per Boring	**2**				
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**					
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	0.402	--	--	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	0.312	**10.3**	--	--	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	< 0.197 U	**0.92**	--	--	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	< 0.395 U	0.448	--	--	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	< 0.197 U	--	--	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	< 0.197 U	0.195 J	--	--	--
1,4-Dioxane (SW8270DSIM)										
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	< 0.052 U	< 0.064 U	--	--	--
PCBs (EPA Method SW8082A)										
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	< 0.083 U	< 0.1 U	--	--	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	< 0.083 U	< 0.1 U	--	--	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	< 0.083 U	< 0.1 U	--	--	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	< 0.083 U	< 0.1 U	--	--	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	< 0.083 U	< 0.1 U	--	--	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	**0.12**	< 0.1 U	--	--	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	0.052 J	< 0.1 U	--	--	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	< 0.083 U	< 0.1 U	--	--	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	< 0.083 U	< 0.1 U	--	--	--
Total PCBs	0.1	1	1	3.2	mg/kg	**0.172**	--	--	--	--
TOC (LLOYDKAHN)										
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	76000	140000	97000	110000 J	17000 J
TPH (SW8015D)										
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--	3420 J	--	28800 J	9830 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-68-70**
					Depth Range (ft bgs)	**68 - 70**
					Parent Sample ID	
					Sample Date	**9/30/2025**
					Forensics Screening (Y/N)	**Y**
					Passed Forensic Screening (Y/N)	**N**
					Forensic Evaluation (Y/N)	**N**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**2**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
VOCs (TCL VOCs 8260D)						
1,1,1-Trichloroethane (TCA)	0.68	100	500	0.68	mg/kg	< 0.0015 U
1,1,2,2-Tetrachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00073 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0073 U
1,1,2-Trichloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
1,1-Dichloroethane	0.27	47	240	0.27	mg/kg	< 0.0015 U
1,1-Dichloroethene	0.24	0.98	5.1	0.33	mg/kg	< 0.0029 U
1,2,3-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
1,2,3-Trichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
1,2,4-Trichlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
1,2,4-Trimethylbenzene	5.9	100	500	5.9	mg/kg	< 0.0015 U
1,2-Dibromo-3-Chloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	NSL	NSL	NSL	mg/kg	< 0.00073 U
1,2-Dichlorobenzene	1.1	100	500	1.1	mg/kg	< 0.0015 U
1,2-Dichloroethane	0.02	5.8	30	0.02	mg/kg	< 0.0015 U
1,2-Dichloropropane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	500	3.1	mg/kg	< 0.0015 U
1,3-Dichlorobenzene	2.6	38	280	2.6	mg/kg	< 0.0015 U
1,4-Dichlorobenzene	1.8	24	130	1.8	mg/kg	< 0.0015 U
2-Hexanone	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U
Acetone	0.03	100	500	0.03	mg/kg	< 0.073 UJ
Benzene	0.06	3.7	20	0.06	mg/kg	< 0.0015 U
Bromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
Bromodichloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
Bromoform	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
Bromomethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0073 UJ
Carbon Disulfide	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U
Carbon Tetrachloride	0.76	7.1	41	0.76	mg/kg	< 0.0015 U
Chlorobenzene	4.5	100	500	4.5	mg/kg	< 0.0015 U
Chloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U
Chloroform	0.37	24	180	0.37	mg/kg	< 0.0029 U
Chloromethane (Methyl Chloride)	NSL	NSL	NSL	NSL	mg/kg	< 0.0073 U
Cis-1,2-Dichloroethylene	0.19	41	500	0.19	mg/kg	< 0.0015 U
Cis-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00073 U
Cyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0073 U
Cymene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
Dibromochloromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.00073 U
Dichlorodifluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U
Ethylbenzene	1	76	390	1	mg/kg	< 0.0015 U
Isopropylbenzene (Cumene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
M,P-Xylene (Sum Of Isomers)	NSL	NSL	NSL	NSL	mg/kg	--
Methyl Acetate	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	500	0.1	mg/kg	< 0.029 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	NSL	NSL	NSL	mg/kg	< 0.015 U
Methylcyclohexane	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
Methylene Chloride	0.05	81	500	0.05	mg/kg	< 0.015 U
M-P-Xylene	NSL	NSL	NSL	NSL	mg/kg	< 0.0029 U
Naphthalene	12	100	500	12	mg/kg	< 0.0029 U
N-Butylbenzene	18	100	500	18	mg/kg	< 0.0015 U
N-Propylbenzene	5	100	500	5	mg/kg	< 0.0015 U
O-Xylene (1,2-Dimethylbenzene)	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
Sec-Butylbenzene	25	100	500	25	mg/kg	< 0.0015 U

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-68-70**
					Depth Range (ft bgs)	**68 - 70**
					Parent Sample ID	
					Sample Date	**9/30/2025**
					Forensics Screening (Y/N)	**Y**
					Passed Forensic Screening (Y/N)	**N**
					Forensic Evaluation (Y/N)	**N**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**2**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Styrene	NSL	NSL	NSL	NSL	mg/kg	< 0.0015 U
T-Butylbenzene	11	100	500	11	mg/kg	< 0.0015 U
Tert-Butyl Methyl Ether	0.1	100	500	0.1	mg/kg	< 0.0029 U
Tetrachloroethylene (PCE)	1.3	18	81	1.3	mg/kg	< 0.0015 U
Toluene	0.7	100	500	0.7	mg/kg	< 0.0015 U
Trans-1,2-Dichloroethene	0.19	100	500	0.19	mg/kg	< 0.0015 U
Trans-1,3-Dichloropropene	NSL	NSL	NSL	NSL	mg/kg	< 0.00073 U
Trichloroethylene (TCE)	0.47	6.4	54	0.47	mg/kg	< 0.0015 U
Trichlorofluoromethane	NSL	NSL	NSL	NSL	mg/kg	< 0.0073 U
Vinyl Chloride	0.03	0.48	7.1	0.03	mg/kg	< 0.0073 UJ
Xylenes	0.26	100	500	1.2	mg/kg	< 0.0015 U
SVOCs (TCL SVOCs 8270E)						
1,2,4,5-Tetrachlorobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.036 UJ
2,3,4,6-Tetrachlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.74 UJ
2,4,5-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2,4,6-Trichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2,4-Dichlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2,4-Dimethylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2,4-Dinitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.72 UJ
2,4-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2,6-Dinitrotoluene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2-Chloronaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2-Chlorophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.036 UJ
2-Methylphenol (O-Cresol)	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
2-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
3- And 4- Methylphenol (Total)	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
3,3'-Dichlorobenzidine	NSL	NSL	NSL	NSL	mg/kg	< 0.19 UJ
3-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
4,6-Dinitro-2-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
4-Bromophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
4-Chloro-3-Methylphenol	NSL	NSL	NSL	NSL	mg/kg	< 0.72 UJ
4-Chloroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.72 UJ
4-Chlorophenyl Phenyl Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
4-Nitroaniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
4-Nitrophenol	NSL	NSL	NSL	NSL	mg/kg	< 0.72 UJ
Acenaphthene	20	100	500	98	mg/kg	< 0.036 UJ
Acenaphthylene	100	100	500	365	mg/kg	< 0.036 UJ
Acetophenone	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Aniline	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Anthracene	100	100	500	1000	mg/kg	< 0.036 UJ
Atrazine	NSL	NSL	NSL	NSL	mg/kg	< 0.74 UJ
Benzaldehyde	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.036 UJ
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.036 UJ
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.036 UJ
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.036 UJ
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.036 UJ
Benzyl Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	< 0.074 UJ

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-68-70**
					Depth Range (ft bgs)	**68 - 70**
					Parent Sample ID	
					Sample Date	**9/30/2025**
					Forensics Screening (Y/N)	**Y**
					Passed Forensic Screening (Y/N)	**N**
					Forensic Evaluation (Y/N)	**N**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**2**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Bis(2-Chloroethoxy) Methane	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Bis(2-Chloroisopropyl) Ether	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Bis(2-Ethylhexyl) Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Caprolactam	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Carbazole	NSL	NSL	NSL	NSL	mg/kg	< 0.19 UJ
Chrysene	1	4.9	47	1	mg/kg	< 0.036 UJ
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.036 UJ
Dibenzofuran	2.1	18	180	110	mg/kg	< 0.37 UJ
Diethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Dimethyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Di-N-Butyl Phthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Di-N-Octylphthalate	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Fluoranthene	85	100	500	1000	mg/kg	< 0.036 UJ
Fluorene	30	100	500	386	mg/kg	< 0.036 UJ
Hexachlorobenzene	0.33	1.2	6	3.2	mg/kg	< 0.37 UJ
Hexachlorobutadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Hexachlorocyclopentadiene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Hexachloroethane	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.036 UJ
Isophorone	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Naphthalene	12	100	500	12	mg/kg	0.018 J
Nitrobenzene	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
N-Nitrosodi-N-Propylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
N-Nitrosodiphenylamine	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
Pentachlorophenol	0.8	1.3	6.9	0.8	mg/kg	< 0.37 UJ
Phenanthrene	1.1	4.9	47	1000	mg/kg	< 0.036 UJ
Phenol	0.33	100	500	0.33	mg/kg	< 0.37 UJ
Pyrene	64	100	500	1000	mg/kg	< 0.036 UJ
Pyridine	NSL	NSL	NSL	NSL	mg/kg	< 0.37 UJ
SVOCs (SVOCs 8270E SIM - Priority PAHs)						
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	< 0.037 U
Acenaphthene	20	100	500	98	mg/kg	< 0.037 U
Acenaphthylene	100	100	500	365	mg/kg	< 0.037 U
Anthracene	100	100	500	1000	mg/kg	< 0.037 U
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	< 0.037 U
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	< 0.037 U
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	< 0.037 U
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	< 0.037 U
Benzo(K)Fluoranthene	0.8	4.9	47	2	mg/kg	< 0.037 U
Chrysene	1	4.9	47	1	mg/kg	< 0.037 U
Dibenz(A,H)Anthracene	0.33	0.33	3.7	1000	mg/kg	< 0.037 U
Fluoranthene	85	100	500	1000	mg/kg	< 0.037 U
Fluorene	30	100	500	386	mg/kg	< 0.037 U
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	< 0.037 U
Naphthalene	12	100	500	12	mg/kg	< 0.037 U
Phenanthrene	1.1	4.9	47	1000	mg/kg	< 0.037 U
Pyrene	64	100	500	1000	mg/kg	< 0.037 U
SVOCs SIM (SVOCs 8270E SIM(M))						
1,6,7-Trimethylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--
1-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--
2,6-Dimethyl-Napthalene	NSL	NSL	NSL	NSL	mg/kg	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-68-70**
					Depth Range (ft bgs)	**68 - 70**
					Parent Sample ID	
					Sample Date	**9/30/2025**
					Forensics Screening (Y/N)	**Y**
					Passed Forensic Screening (Y/N)	**N**
					Forensic Evaluation (Y/N)	**N**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**2**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
2-Methylnaphthalene	NSL	NSL	NSL	NSL	mg/kg	--
Acenaphthene	20	100	500	98	mg/kg	--
Acenaphthylene	100	100	500	365	mg/kg	--
Anthracene	100	100	500	1000	mg/kg	--
Benzo(A)Anthracene	1	1.4	37	1	mg/kg	--
Benzo(A)Pyrene	1	1	3.7	22	mg/kg	--
Benzo(B)Fluoranthene	1	1.4	37	2.1	mg/kg	--
Benzo(G,H,I)Perylene	0.64	4.9	47	1000	mg/kg	--
Benzo(J)+(K)Fluoranthene	NSL	NSL	NSL	NSL	mg/kg	--
Benzo[E]Pyrene	NSL	NSL	NSL	NSL	mg/kg	--
Biphenyl (Diphenyl or 1,1'-Biphenyl)	NSL	NSL	NSL	NSL	mg/kg	--
C1-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--
C1-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--
C1-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--
C1-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--
C1-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--
C1-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--
C2-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--
C2-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--
C2-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--
C2-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--
C2-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--
C2-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--
C3-Chrysenes	NSL	NSL	NSL	NSL	mg/kg	--
C3-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--
C3-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--
C3-Fluorenes	NSL	NSL	NSL	NSL	mg/kg	--
C3-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--
C3-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--
C4-Chrysenes/Benz(A)Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--
C4-Dibenzothiophenes	NSL	NSL	NSL	NSL	mg/kg	--
C4-Fluoranthenes/Pyrenes	NSL	NSL	NSL	NSL	mg/kg	--
C4-Naphthalenes	NSL	NSL	NSL	NSL	mg/kg	--
C4-Phenanthrenes/Anthracenes	NSL	NSL	NSL	NSL	mg/kg	--
Chrysene/Triphenylene	NSL	NSL	NSL	NSL	mg/kg	--
Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	NSL	NSL	NSL	NSL	mg/kg	--
Dibenzofuran	2.1	18	180	110	mg/kg	--
Dibenzothiophene (Synfuel)	NSL	NSL	NSL	NSL	mg/kg	--
Fluoranthene	85	100	500	1000	mg/kg	--
Fluorene	30	100	500	386	mg/kg	--
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	37	6.6	mg/kg	--
Naphthalene	12	100	500	12	mg/kg	--
Perylene	NSL	NSL	NSL	NSL	mg/kg	--
Phenanthrene	1.1	4.9	47	1000	mg/kg	--
Pyrene	64	100	500	1000	mg/kg	--
Retene	NSL	NSL	NSL	NSL	mg/kg	--
Metals (SW6010D/SW7196A/SW7471B/SW9014)						
Aluminum	NSL	NSL	NSL	NSL	mg/kg	3510
Antimony	NSL	NSL	NSL	NSL	mg/kg	< 4.34 UJ
Arsenic	13	16	16	16	mg/kg	< 0.869 UJ
Barium	410	410	410	820	mg/kg	32.4
Beryllium	4.4	43	670	47	mg/kg	0.325 J

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-68-70**
					Depth Range (ft bgs)	**68 - 70**
					Parent Sample ID	
					Sample Date	**9/30/2025**
					Forensics Screening (Y/N)	**Y**
					Passed Forensic Screening (Y/N)	**N**
					Forensic Evaluation (Y/N)	**N**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**2**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Cadmium	2.5	2.5	3.7	7.5	mg/kg	0.196 J
Calcium	NSL	NSL	NSL	NSL	mg/kg	2840 J
Chromium, Hexavalent	1	1	11	19	mg/kg	R
Chromium, Total	NSL	NSL	NSL	NSL	mg/kg	11.5
Cobalt	NSL	NSL	NSL	NSL	mg/kg	7.81
Copper	50	280	280	1720	mg/kg	14.7
Cyanide	2.3	13	28	40	mg/kg	< 0.55 U
Iron	NSL	NSL	NSL	NSL	mg/kg	17700
Lead	63	400	1000	450	mg/kg	5.17
Magnesium	NSL	NSL	NSL	NSL	mg/kg	2560 J
Manganese	1600	2000	10000	2000	mg/kg	486
Mercury	0.18	0.3	1.1	0.73	mg/kg	< 0.069 U
Nickel	30	320	320	130	mg/kg	9.72
Potassium	NSL	NSL	NSL	NSL	mg/kg	1260 J
Selenium	3.9	110	1700	4	mg/kg	< 1.74 UJ
Silver	2	110	1700	8.3	mg/kg	< 0.434 UJ
Sodium	NSL	NSL	NSL	NSL	mg/kg	700
Thallium	NSL	NSL	NSL	NSL	mg/kg	0.882 J
Vanadium	NSL	NSL	NSL	NSL	mg/kg	22.9
Zinc	109	6600	10000	2480	mg/kg	23.8
PFAS (E1633)						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	NSL	NSL	NSL	µg/kg	--
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	NSL	NSL	NSL	µg/kg	--
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	NSL	NSL	NSL	µg/kg	--
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	NSL	NSL	NSL	µg/kg	--
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	NSL	NSL	NSL	µg/kg	--
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	NSL	NSL	NSL	µg/kg	--
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	NSL	NSL	NSL	µg/kg	--
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	NSL	NSL	NSL	µg/kg	--
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	NSL	NSL	NSL	µg/kg	--
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	NSL	NSL	NSL	µg/kg	--
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	NSL	NSL	NSL	µg/kg	--
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	NSL	NSL	NSL	µg/kg	--
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorobutanesulfonic acid (PFBS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorobutanoic Acid	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorodecanesulfonic acid (PFDS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorodecanoic acid (PFDA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorododecanesulfonic acid (PFDoS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorododecanoic acid (PFDoA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoroheptanesulfonic acid (PFHpS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoroheptanoic acid (PFHpA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorohexanesulfonic acid (PFHxS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorohexanoic acid (PFHxA)	NSL	NSL	NSL	NSL	µg/kg	--

Table K-3. Citi Storage (AOI 4) Unrestriced Use Soil Analytical Results

					Location ID	**SB-CT-11**
					Coordinates (Northing, Easting)	**203047.152, 994860.334**
					Sample Name	**224341-SB-CT-11-68-70**
					Depth Range (ft bgs)	**68 - 70**
					Parent Sample ID	
					Sample Date	**9/30/2025**
					Forensics Screening (Y/N)	**Y**
					Passed Forensic Screening (Y/N)	**N**
					Forensic Evaluation (Y/N)	**N**
					Archived Sample (Y/N)	**N**
					Number of Archived Samples Per Boring	**2**
Analyte	**UU SCO[1]**	**RR SCO[2]**	**COM SCO[3]**	**PROGW SCO[4]**	**Unit**	
Perfluorononanesulfonic Acid (PFNS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorononanoic acid (PFNA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorooctane Sulfonamide (PFOSA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	1	µg/kg	--
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.8	µg/kg	--
Perfluoropentanesulfonic Acid (PFPeS)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoropentanoic Acid (PFPeA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorotetradecanoic acid (PFTeDA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	NSL	NSL	NSL	µg/kg	--
Perfluoroundecanoic Acid (PFUnA)	NSL	NSL	NSL	NSL	µg/kg	--
1,4-Dioxane (SW8270DSIM)						
1,4-Dioxane (P-Dioxane)	0.1	5.7	36	0.1	mg/kg	--
PCBs (EPA Method SW8082A)						
PCB-1016 (Aroclor 1016)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1221 (Aroclor 1221)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1232 (Aroclor 1232)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1242 (Aroclor 1242)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1248 (Aroclor 1248)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1254 (Aroclor 1254)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1260 (Aroclor 1260)	0.1	NSL	NSL	NSL	mg/kg	--
PCB-1262 (Aroclor 1262)	NSL	NSL	NSL	NSL	mg/kg	--
PCB-1268 (Aroclor 1268)	NSL	NSL	NSL	NSL	mg/kg	--
Total PCBs	0.1	1	1	3.2	mg/kg	--
TOC (LLOYDKAHN)						
Total Organic Carbon	NSL	NSL	NSL	NSL	mg/kg	4400 J
TPH (SW8015D)						
Total Petroleum Hydrocarbons (C9-C44)	NSL	NSL	NSL	NSL	mg/kg	--

Notes:

SCOs are determined by applicable land use and Table 375-6.8 (a and b) of 6 NYCRR Part 375 (December 2025).

[1]UU SCO = Unrestricted Use Soil Cleanup Objectives

[2]RR SCO = Restricted Residential Use Soil Cleanup Objectives

[3]COM SCO= Commercial Use Soil Cleanup Objectives

[4]PROGW SCO = Protection of Groundwater Soil Cleanup Objectives

NYCRR = New York State Register and Official Compilation of Codes, Rules, and Regulations of the State of New York

µg/kg = microgram(s) per kilogram

mg/kg = milligram(s) per kilogram

ft bgs = foot (feet) below ground surface

-- = Not analyzed

J = Estimated value

R = Data are unusable

U = Compound was analyzed, but not detected

NSL = No screening level available

PCB = polychlorinated biphenyl

VOC = volatile organic compound

Concentrations exceeding UU SCO are bolded.

Concentrations exceeding RR SCO are shaded.

Concentrations exceeding COM SCO are printed in red font.

Concentrations exceeding PROGW SCO are outlined.

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Appendix L
Laboratory Analytical Results

(Provided electronically via OneDrive)

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Appendix M
Data Usability Summary Reports

(Provided electronically via OneDrive)

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1. SIGNIFICANT DUSR FINDINGS SUMMARY

The Significant Data Usability Summary Report (DUSR) Finding Summary is an evaluation at the conclusion of data collection activities that summarize significant data quality findings during data validation. Both sampling and analytical activities are considered to assess data quality. The DUSRs (Appendix M of the Site Characterization Report) include discussion of all results.

The bullets below summarize significant findings resulting in rejection (R qualification) of sample data, with calculations of the percent of data that were usable (not rejected) for each analyte group and for the dataset overall. Rejected results are also detailed in the attached table.

- PAHs:
  - Twenty-one (21) polycyclic aromatic hydrocarbon (PAH) results were rejected due to extremely low matrix spike (MS) and/or matrix spike duplicate (MSD) recoveries. All but one of these results were reported as non-detect by the laboratory.
  - Non-detect PAH results for 20 samples were rejected due to gross exceedance of the maximum recommended holding time. Note that some of these results were reported as detections by the laboratory, but were changed to non-detect (U qualifier) in the DUSR based on method blanks, and then subsequently rejected due to holding time exceedance. The project team intentionally elected to analyze the affected samples out of holding time, after placing the samples on hold pending other data. The detected results for these samples are usable (qualified as estimated).
  - Overall, considering 130 results rejected out of 22,423 total results, 99 percent (%) of the PAH data collected were usable.
- Metals:
  - Six non-detect selenium results were rejected due to extremely low MS/MSD recoveries. Overall, considering these six selenium results rejected out of 4,531 metals results, 99% of the metals data collected were usable.
- Hexavalent Chromium:
  - Fourteen (14) non-detect hexavalent chromium results were rejected due to extremely low MS/MSD recoveries. Overall, considering these 14 results rejected out of 197 total results, 93% of the hexavalent chromium data collected were usable.
- Per- and polyfluoroalkyl substances (PFAS):
  - One non-detect perfluorobutanoic acid (PFBA) result in groundwater sample “224402-MW-PR-03” was qualified R due to extremely low internal standard recovery,

- One non-detect 3:3 fluorotelomer carboxylic acid (FTCA) result in soil sample "224402-SB-PR-01-12-14" was qualified R due to extremely low MS/MSD recovery.

- Overall, considering these two results rejected out of 4,880 total results, 99% of the PFAS data collected were usable.

Considering the entire dataset, 152 results were rejected out of 68,563 total results, and 99% of the data were usable.

TABLE OF RESULTS REJECTED BASED ON DATA VALIDATION

SAMPLE_NAME	SAMPLE DATE	LAB SAMPLE ID	MATRIX	CHEMICAL NAME	LAB QUALIFIERS	VALIDATION QUALIFIERS	REASON FOR REJECTION
224402-SB-PR-08-68-70	9/9/2025	25I0514-02	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224402-SB-PR-DUP-02	9/10/2025	25I0629-07	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224402-SB-PR-03-28-30	9/11/2025	25I0688-06	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224402-SB-PR-05-08-10	9/11/2025	25I0689-02	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224402-SB-PR-01-12-14	9/15/2025	25I0871-04	SO	3-Perfluoropropyl propanoic acid (3:3 FTCA)	U	R	MS/MSD
224402-SB-PR-01-12-14	9/15/2025	25I0897-06	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-SB-WI-03-00-0.5	9/17/2025	25I1076-04	SO	1,4-Dioxane (P-Dioxane)	U	R	MS/MSD
224402-SB-WI-03-00-0.5	9/17/2025	25I1076-04	SO	4,6-Dinitro-2-Methylphenol	U	R	MS/MSD
224402-SB-WI-03-00-0.5	9/17/2025	25I1076-04	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224341-SB-CT-04-08-10	9/19/2025	25I1324-08	SO	1,4-Dioxane (P-Dioxane)	U	R	MS/MSD
224341-SB-CT-04-08-10	9/19/2025	25I1324-08	SO	2,4-Dinitrophenol	U	R	MS/MSD
224341-SB-CT-04-08-10	9/19/2025	25I1324-08	SO	4,6-Dinitro-2-Methylphenol	U	R	MS/MSD
224341-SB-CT-04-08-10	9/19/2025	25I1324-08	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224341-SB-CT-02-18-20	9/22/2025	25I1374-03	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224341-SB-CT-03-12-14	9/23/2025	25I1531-04	SO	1,4-Dioxane (P-Dioxane)	U	R	MS/MSD
224402-SED-BI-11-00-0.5	9/24/2025	25I1651-06	SE	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-11-00-0.5	9/24/2025	25I1651-06	SE	1,4-Dioxane (P-Dioxane)	U	R	MS/MSD
224402-SED-BI-11-00-0.5	9/24/2025	25I1651-06	SE	Hexachlorocyclopentadiene	U	R	MS/MSD
224341-SB-CT-06-12-14	9/25/2025	25I1700-03	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224341-SB-CT-10-00-0.5	9/26/2025	25I1855-02	SO	Chromium, Hexavalent	U	R	MS/MSD
224341-SB-CT-10-11-13	9/26/2025	25I1855-03	SO	Chromium, Hexavalent	U	R	MS/MSD
224341-SB-CT-10-28-30	9/26/2025	25I1855-05	SO	Chromium, Hexavalent	U	R	MS/MSD
224341-SB-CT-05-14-16	9/29/2025	25I1940-02	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224341-MW-CT-01	9/29/2025	25I1941-01	WG	Selenium	U	R	MS/MSD
224341-MW-CT-03	9/29/2025	25I1941-02	WG	Selenium	U	R	MS/MSD
224341-MW-CT-08	9/29/2025	25I1941-03	WG	Selenium	U	R	MS/MSD
224341-SB-CT-11-68-70	9/30/2025	25I2060-02	SO	Chromium, Hexavalent	U	R	MS/MSD
224341-MW-CT-04	9/30/2025	25I2061-01	WG	Selenium	U	R	MS/MSD
224341-MW-CT-DUP	9/30/2025	25I2061-02	WG	Selenium	U	R	MS/MSD
224341-MW-2416	9/30/2025	25I2061-03	WG	Selenium	U	R	MS/MSD
224402-SED-BI-04-00-0.5	10/1/2025	25J0097-01	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-DUP-03	10/1/2025	25J0097-02	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-04-14-16	10/1/2025	25J0097-03	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-04-41-43	10/1/2025	25J0097-05	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-04-55-57	10/1/2025	25J0097-06	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-03-00-0.5	10/1/2025	25J0097-07	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-03-00-0.5	10/1/2025	25J0097-07	SO	4,6-Dinitro-2-Methylphenol	U	R	MS/MSD
224402-SED-BI-03-00-0.5	10/1/2025	25J0097-07	SO	Hexachlorocyclopentadiene	U	R	MS/MSD
224402-SED-BI-03-19-20	10/1/2025	25J0097-08	SO	Chromium, Hexavalent	U	R	MS/MSD
224402-MW209D	10/2/2025	25J0191-03	WG	Chromium, Hexavalent	U	R	MS/MSD
224402-SED-BI-01-23-25	10/2/2025	25J0225-10	SE	Hexachlorocyclopentadiene	U	R	MS/MSD
224402-MW-PR-03	10/8/2025	25J0566-01RE1	WG	Perfluorobutanoic Acid	U	R	Internal Standard
224341-NAPL-MW-CT-03	10/8/2025	25J0637-01	WG	Retene	U	R	Holding Time Exceedance
224341-NAPL-MW-CT-11-20251008	10/8/2025	25J0637-01	WG	Retene	U	R	Holding Time Exceedance
224402-SB-PR-07-AR-25-27	9/10/2025	25J1363-01	SO	Retene	U	R	Holding Time Exceedance
224402-SB-PR-07-AR-25-27	9/10/2025	25J1363-01	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	Dibenzofuran	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	Dibenzothiophene (Synfuel)	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	1,6,7-Trimethylnaphthalene	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	Retene	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	Biphenyl (Diphenyl or 1,1'-Biphenyl)	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C1-Dibenzothiophenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C1-Fluorenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C2-Dibenzothiophenes	U	R	Holding Time Exceedance

TABLE OF RESULTS REJECTED BASED ON DATA VALIDATION

SAMPLE_NAME	SAMPLE DATE	LAB SAMPLE ID	MATRIX	CHEMICAL NAME	LAB QUALIFIERS	VALIDATION QUALIFIERS	REASON FOR REJECTION
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C2-Fluorenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C3-Chrysenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C3-Dibenzothiophenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C3-Fluorenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C3-Fluoranthenes/Pyrenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C4-Dibenzothiophenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C4-Fluoranthenes/Pyrenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C4-Naphthalenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C4-Phenanthrenes/Anthracenes	U	R	Holding Time Exceedance
224402-SB-PR-04-AR-29-29.5	9/11/2025	25J1366-02	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-32-34	9/16/2025	25J1372-01	SO	Retene	U	R	Holding Time Exceedance
224402-SB-WI-DUP-01	9/17/2025	25J1374-01	SO	Retene	U	R	Holding Time Exceedance
224402-SB-WI-02-00-0.5	9/17/2025	25J1374-02	SO	Retene	U	R	Holding Time Exceedance
224402-SB-WI-04-AR-25-25.5	9/17/2025	25J1375-01	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SB-WI-03-AR-07-08	9/18/2025	25J1375-04	SO	Retene	U	R	Holding Time Exceedance
224402-SB-WI-03-AR-07-08	9/18/2025	25J1375-04	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SB-PR-03-28-30	9/11/2025	25K1050-01	SO	Naphthalene		R	MS/MSD
224402-SB-WI-03-00-0.5	9/17/2025	25K1051-01	SO	Retene	U	R	Holding Time Exceedance
224341-SB-CT-10-AR-11-13	9/26/2025	25K1055-01	SO	Retene	U	R	Holding Time Exceedance
224402-SB-PR-07-68-70	10/1/2025	25L0110-01	SO	Retene	U	R	Holding Time Exceedance
224402-SS-PR-01-00-0.5	9/9/2025	25L0111-01	SO	Retene	U	R	Holding Time Exceedance
224341-SB-CT-04-25-27	9/19/2025	25L0113-04	SO	Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	U	R	Holding Time Exceedance
224341-SB-CT-04-25-27	9/19/2025	25L0113-04	SO	C3-Chrysenes	U	R	Holding Time Exceedance
224341-SB-CT-04-25-27	9/19/2025	25L0113-04	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SED-BI-10-08-10	9/24/2025	25L0117-01	SD	Dibenzofuran	U	R	Holding Time Exceedance
224402-SED-BI-10-08-10	9/24/2025	25L0117-01	SD	Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	U	R	Holding Time Exceedance
224402-SED-BI-10-08-10	9/24/2025	25L0117-01	SD	C2-Naphthalenes		R	Holding Time Exceedance
224402-SED-BI-10-08-10	9/24/2025	25L0117-01	SD	C3-Chrysenes	U	R	Holding Time Exceedance
224402-SED-BI-10-08-10	9/24/2025	25L0117-01	SD	C3-Naphthalenes		R	Holding Time Exceedance
224402-SED-BI-10-08-10	9/24/2025	25L0117-01	SD	C4-Fluoranthenes/Pyrenes	U	R	Holding Time Exceedance
224402-SED-BI-10-08-10	9/24/2025	25L0117-01	SD	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	Dibenzofuran	U	R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	U	R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	Biphenyl (Diphenyl or 1,1'-Biphenyl)	U	R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	C2-Naphthalenes		R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	C3-Chrysenes	U	R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	C3-Naphthalenes		R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	C4-Fluoranthenes/Pyrenes	U	R	Holding Time Exceedance
224402-SED-BI-10-40-42	9/24/2025	25L0117-02	SD	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Anthracene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Dibenzofuran	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Dibenzothiophene (Synfuel)	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Benzo(G,H,I)Perylene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Benzo[E]Pyrene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Indeno(1,2,3-C,D)Pyrene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Perylene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Benzo(B)Fluoranthene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Fluoranthene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Benzo(J)+(K)Fluoranthene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Acenaphthylene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	1,6,7-Trimethylnaphthalene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Retene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Benzo(A)Pyrene	U	R	Holding Time Exceedance

TABLE OF RESULTS REJECTED BASED ON DATA VALIDATION

SAMPLE_NAME	SAMPLE DATE	LAB SAMPLE ID	MATRIX	CHEMICAL NAME	LAB QUALIFIERS	VALIDATION QUALIFIERS	REASON FOR REJECTION
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Benzo(A)Anthracene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	2,6-Dimethyl-Napthalene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Acenaphthene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Fluorene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	1-Methylnaphthalene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Naphthalene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	2-Methylnaphthalene	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Biphenyl (Diphenyl or 1,1'-Biphenyl)	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C1-Fluorenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C1-Naphthalenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C2-Chrysenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C2-Naphthalenes	J	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C3-Chrysenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C3-Fluorenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C3-Fluoranthenes/Pyrenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C3-Naphthalenes	J	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C4-Dibenzothiophenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C4-Fluoranthenes/Pyrenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C4-Naphthalenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C4-Phenanthrenes/Anthracenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SED-BI-11-58-60	9/25/2025	25L0118-02	SD	Chrysene/Triphenylene	U	R	Holding Time Exceedance
224341-SB-CT-05-23-25	9/29/2025	25L1607-01	SO	Dibenzothiophene (Synfuel)	U	R	Holding Time Exceedance
224341-SB-CT-05-23-25	9/29/2025	25L1607-01	SO	Acenaphthylene	U	R	Holding Time Exceedance
224341-SB-CT-05-23-25	9/29/2025	25L1607-01	SO	Biphenyl (Diphenyl or 1,1'-Biphenyl)	U	R	Holding Time Exceedance
224341-SB-CT-05-23-25	9/29/2025	25L1607-01	SO	C2-Naphthalenes		R	Holding Time Exceedance
224341-SB-CT-05-23-25	9/29/2025	25L1607-01	SO	C3-Naphthalenes		R	Holding Time Exceedance
224341-SB-CT-05-23-25	9/29/2025	25L1607-01	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SB-PR-06-AR-43-43.5	9/10/2025	26C0586-01	SO	Dibenzofuran	U	R	Holding Time Exceedance
224402-SB-PR-06-AR-43-43.5	9/10/2025	26C0586-01	SO	Dibenz(a,h)/(a,c)anthracene (215-58-7/53-70-3)	U	R	Holding Time Exceedance
224402-SB-PR-06-AR-43-43.5	9/10/2025	26C0586-01	SO	1,6,7-Trimethylnaphthalene	U	R	Holding Time Exceedance
224402-SB-PR-06-AR-43-43.5	9/10/2025	26C0586-01	SO	Biphenyl (Diphenyl or 1,1'-Biphenyl)	U	R	Holding Time Exceedance
224402-SB-PR-06-AR-43-43.5	9/10/2025	26C0586-01	SO	C1-Dibenzothiophenes	U	R	Holding Time Exceedance
224402-SB-PR-06-AR-43-43.5	9/10/2025	26C0586-01	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	1,6,7-Trimethylnaphthalene	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	Retene	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C3-Chrysenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C3-Dibenzothiophenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C3-Fluorenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C4-Dibenzothiophenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C4-Fluoranthenes/Pyrenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C4-Naphthalenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C4-Phenanthrenes/Anthracenes	U	R	Holding Time Exceedance
224402-SB-WI-05-AR-71-73	9/17/2025	26C0591-01	SO	C4-Chrysenes/Benz(A)Anthracenes	U	R	Holding Time Exceedance

Notes:
J = estimated
MS/MSD = matrix spike/matrix spike duplicate
R = rejected
SE = sediment
SO = soil
U = non-detect
WG = groundwater

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Appendix N
Forensic Evaluation Report

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chemistry matters®

making chemistry data meaningful

Former Pratt Refinery and CitiStorage Forensic Environmental Chemistry Assessment

Report prepared for

EA Engineering and Geology, P.C.

9 June, 2026

1 Executive Summary

This report describes an assessment of NAPL, soil, sediment and groundwater within the four Areas of Interest (AOIs) using a structured forensic chemistry assessment.

NAPL and soil data present geospatial extents of source types that are consistent with former operations within the upland AOIs (AOIs 2-4). Notably, migration of PAHs across the three AOIs is evident, and PAHs due to former operations at the MGP are present within non-MGP AOIs.

Within sediment in Bushwick Inlet (AOI 1) there are clear source-related compositions that demonstrate both petroleum and MGP tar from former operations within the three upland AOIs are present.

Within groundwater, the assessment of routine PAH_{16} supports the assessment of soil data.

It is uncertain to what extent background conditions within the river sediment of Bushwick Inlet may affect apportionment of PAHs.

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3 Introduction

3.1 Scope of Work

Chemistry Matters Inc (CMI) was retained by EA Engineering and Geology, P.C. (EA) to conduct a forensic chemistry assessment of hydrocarbons, particularly polycyclic aromatic hydrocarbons (PAHs) in environmental samples (soil, sediment and groundwater) at the Former Pratt Refinery (NYSDEC Site No. 224402) and CitiStorage (NYSDEC Site No. 224341) Sites in the City of Brooklyn, Kings County. Notably, the former Pratt Refinery Site includes Bushwick Inlet. Collectively these sites with the former Williamsburg MGP Site (NYSDEC Site No. 224055, Block 2287, Lots 1, 16, and 30) enclose the Area of Investigation.

- AOI 1 = Bushwick inlet sediment
- AOI 2 = Former Pratt Refinery
- AOI 3 = Former Williamsburg MGP
- AOI 4 = CitiStorage

A brief history and background of the Area of Investigation is contained within the Scope of Work (SoW; appended for reference).

The assessment was tasked to provide answers to three questions posed in the SoW, included here:

1. Establish the "parent" chemical fingerprints for contamination observed at the three former facilities:
    a. Former Pratt Refinery [Block/Lot]
    b. Williamsburg MGP
    c. CitiStorage Sites [Formally part of Pratt Refinery]
2. Can contamination detected in the Bushwick Inlet be attributed to specific operations at any of the above listed sites?
3. Can contamination detected on the CitiStorage parcel be attributed to specific operations at any of the above listed sites?

3.2 Report structure

This report includes an assessment of various matrices (NAPL, soil, sediment and groundwater) using a structured forensic chemistry assessment. This includes the production of PAH histogram fingerprints, performing receptor modelling (source apportionment modelling), and conducting multivariate dimensionality reduction (MDR) such as hierarchical cluster analysis (HCA), principal component analysis (PCA) and uniform manifold approximation and projection (UMAP). Collectively these techniques are assessed against the background information provided within the SoW, and the identification of source types of PAHs are assisted with examples taken from scientific literature. The dataset for alkylated PAHs presents the strongest information for the interpretation of sources and was used in this assessment. CMI provided a workplan to assist in identifying soil sampling locations for sampling for alkylated PAHs and briefly describes methodologies that are

applied herein, that is included as Appendix A: Scope of Work for Forensic Evaluation Services: NYSDEC – Former Pratt Refinery & CitiStorage, Brooklyn, New York. The reader is directed to that report for information on methods used. Within each Section of the report, a summary of the findings is provided first, and details of the assessment are then provided within the Section.

4 Background

4.1 Source types

AOI 2 (Former Pratt Refinery) and AOI 4 (CitiStorage) were involved in the storage and handling of petroleum products, and before that, the distillation of crude oil (and possibly coal, bitumen, asphalt or pitch) to produce kerosene as well as other distillates.

AOI 3 (Former Williamsburg MGP) operated as a manufactured gas plant, originally operating coal carbonization and subsequently a carbureted water gas process.

Further information on these operations is contained within the Scope of Work provided to CMI (appended to this report).

These operations produce very different product types that can be identified by a combination of forensic chemistry assessment methods. Mixtures of these source types may also be apportioned using receptor modelling techniques.

4.2 Reference PAH fingerprints and TPH chromatograms

PAH sources may be identified by the general terms petrogenic and pyrogenic. A petrogenic source of PAHs is typically formed over a long period of time at a moderate temperature, such as geological burial of biological material to produce crude oil, and subsequent refined products such as kerosene, diesel and fuel oils. A pyrogenic source of PAHs is typically formed over a short period of time at a high temperature, such as combustion of fuel, or pyrolysis of coal such as within MGP operations producing tars and refined products such as creosote.

Example of petrogenic sources that may be associated with former releases within the Area of Investigation include gasoline, kerosene, diesel, and fuel oils (#2, #4, #6). Example PAH histogram fingerprints and TPH chromatograms for kerosene, diesel, and #4 and #6 fuel oils are presented in Figure 1.

Examples of pyrogenic sources that may be associated with former releases within the Area of Investigation include Carbureted Water Gas (CWG) tar and emulsion, Coal Carbonization (CC) tar, pitch, and coal coke and ash. CWG and CC are different processes that may operate at an MGP. CC is the direct heating of coal to high temperatures with the exclusion of air. CWG is a process in which coal is heated with first air, then steam, to produce water gas, which is finally carbureted by spraying a fuel oil into the hot water gas. Example PAH

histogram fingerprints and TPH chromatograms for CWG tar, CC tar, coking tar and coal tar pitch are presented in Figure 2.

Chromatograms associated with TPH analysis provide some value in association of source types. TPH results strongly bias petroleum products that represent minor sources of PAHs. Thus, assessment of TPH chromatograms are used as a supplemental characterization for sources of PAHs.

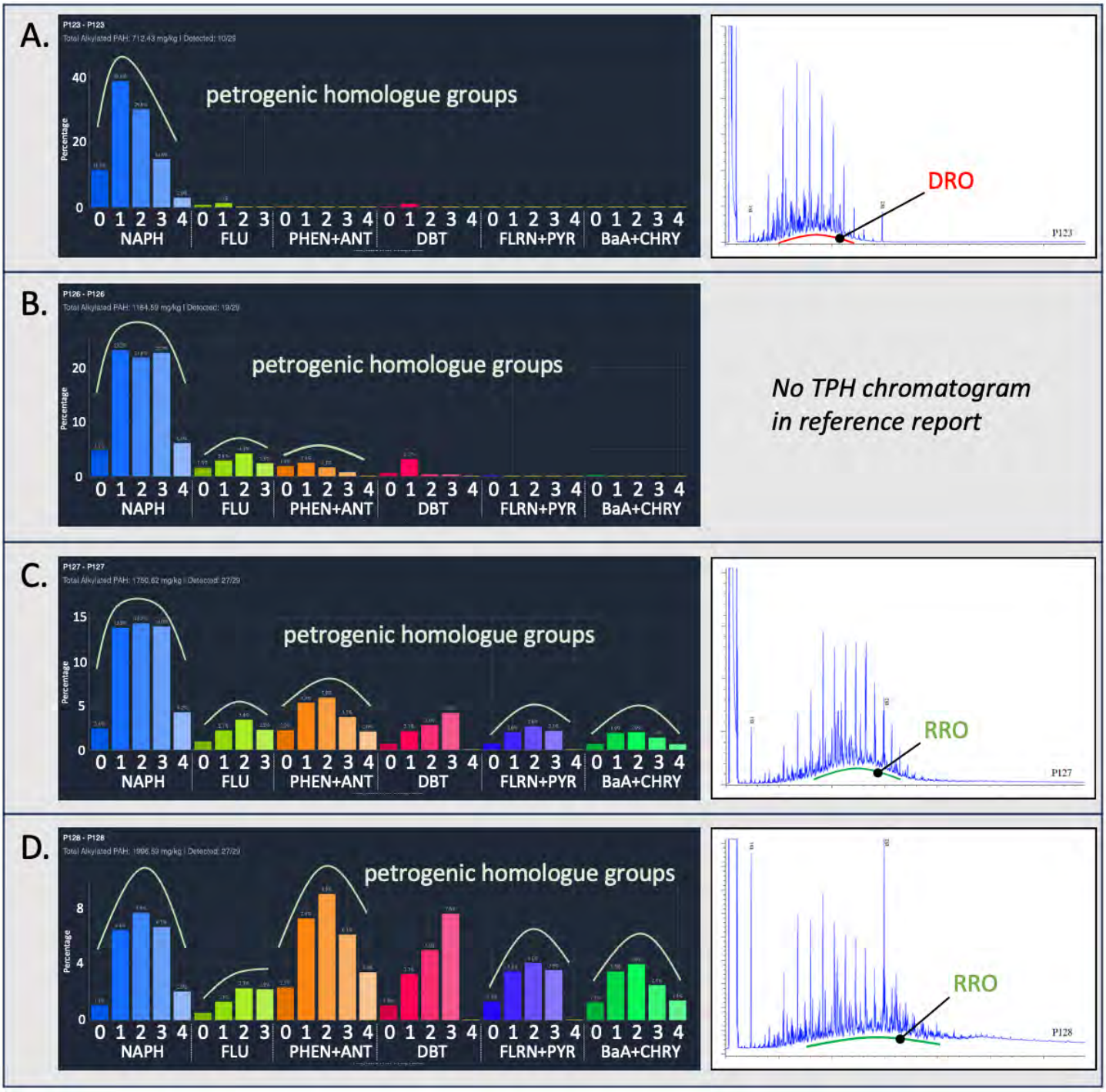


Figure 1. Example PAH histogram fingerprint graphs and TPH chromatograms for typical petrogenic sources that may be present within the Area of Investigation. Panel A. Kerosene. Panel B. Diesel. Panel C. No. 4 Fuel Oil. Panel D. No.6 Fuel Oil. [1]

[1] Chemical Source Attribution at Former MGP Sites, EPRI, Palo Alto, CA, NYSEG, Binghamton, NY, and RG&E, Rochester, NY: 2000. 1000728.

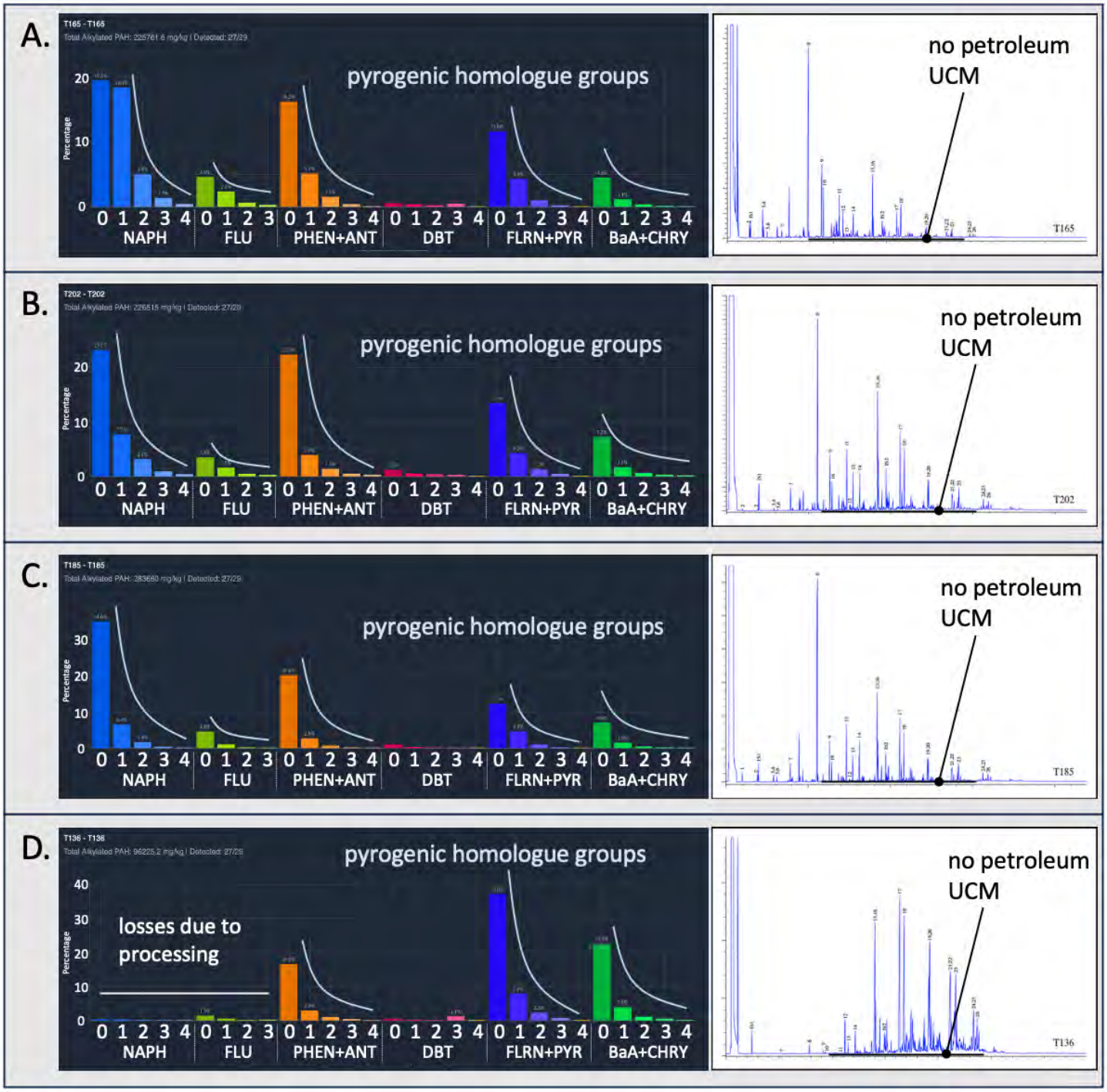


Figure 2. Example PAH histogram fingerprint graphs and TPH chromatograms for typical pyrogenic sources that may be present within the Area of Investigation. Panel A. CWG tar. Panel B. coal carbonization tar. Panel C. coking tar. Panel D. coal tar pitch. [2]

[2] Chemical Source Attribution at Former MGP Sites, EPRI, Palo Alto, CA, NYSEG, Binghamton, NY, and RG&E, Rochester, NY: 2000. 1000728.

5 Characterization of NAPL samples

5.1 Section Summary

Twelve NAPL samples that were provided for assessment were characterized using PAH histogram fingerprints and TPH chromatograms. A summary of the source characteristics for the NAPL samples is provided in Table 1. These NAPL samples also assist in the characterization of other matrices, which is described in subsequent sections.

Table 1. Source assessment for NAPL samples.

Sample ID	AOI *	Well Screen Depth (ft bgs)	TPH chromatograms#	Fingerprint assessment	Summary assessment
PR-MW2000	3	20 – 55 ft	Coal Tar and trace petroleum	Weathered CWG Tar	**CWG Tar**
PR-MW2002	3	20 – 55 ft	Coal Tar	CWG Tar	**CWG Tar**
PR-MW2004	3	28 – 58 ft	Coal Tar	CWG Tar	**CWG Tar**
PR-MW2006	3	15 – 50 ft	Coal Tar	CWG Tar	**CWG Tar**
WI-MW2117	3	3 – 13 ft	Coal Tar	CWG Tar	**CWG Tar**
WI-MW2123	3	30 – 40 ft	Coal Tar and trace petroleum	CWG Tar	**CWG Tar**
WI-MW2145	3	20 – 30; 35 – 60 ft	Coal Tar	CWG Tar	**CWG Tar**
WI-MW2146	4	5 – 15 ft	Coal Tar and trace petroleum	Weathered CC Tar	**CC Tar**
WI-MW-2648	4	-	Coal Tar	CWG Tar	**CWG Tar**
MW-CT-11	4	22 – 42 ft	Coal Tar and petroleum	Weathered CWG Tar	**CWG Tar**
B-33/MW-33	2	9.18 ft	Weathered heavy petroleum	Weathered heavy petroleum	**Petroleum**
MW-B1S	2	53.5 ft	Coal Tar	CWG Tar	**CWG Tar**

Notes: * AOI 2 = Former Pratt Refinery, AOI 3 = Williamsburg MGP AOI 4 = CitiStorage. # Coal tar type not identified on TPH chromatograms.

Samples identified as CWG MGP tar and CC tar are associated with former operations at the Williamsburg MGP. This includes sample MW-B1S, demonstrating migration from AOI 3 (Williamsburg MGP) to AOI 2 (Former Pratt Refinery). This also includes samples WI-MW2146, WI-MW-2648, and MW-CT-11 demonstrating migration from AOI 3 (Williamsburg MGP) to AOI 4 (CitiStorage). The sample identified as weathered heavy petroleum was collected from within AOI 2 (Former Pratt Refinery) and is expected to have originated within that AOI.

5.2 Forensic chemistry analysis details

5.2.1 Overview

Twelve samples of NAPL were provided for assessment (plus one duplicate sample). All samples were analyzed for TPH, and parent and alkylated PAHs (PAH_{43}). The location that samples were collected from are provided in Figure 3. Characteristic features of the NAPL samples will be described within the following sections. A summary of the concentration of TPH, PAH_{16} and PAH_{43} for the NAPL samples is provided in Table 2.

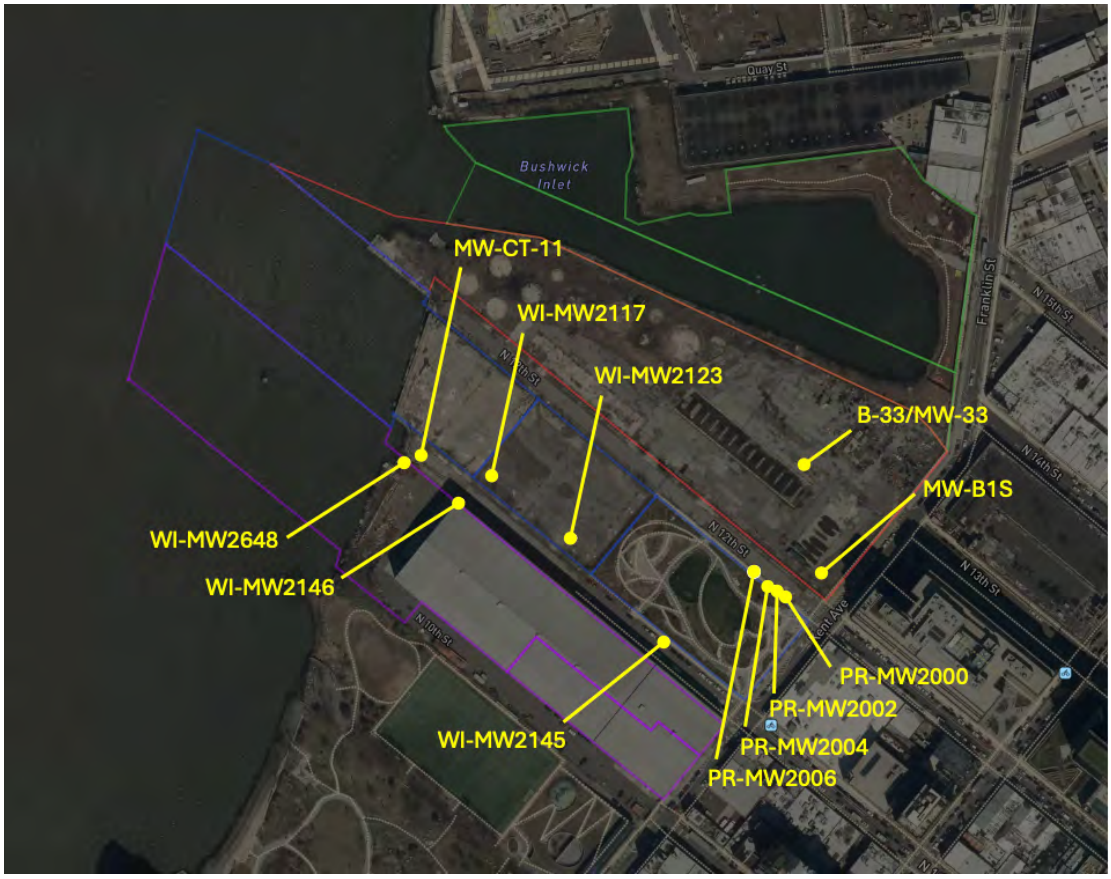


Figure 3. Plan view map showing the location where NAPL samples were collected. Boundaries of AOIs are included.

Table 2. Concentration of TPH and PAHs in NAPL samples.

Sample ID	AOI *	Well Screen Depth (ft bgs)	TPH conc. (mg/kg or mg/L)	PAH_{16} conc. (mg/kg or mg/L)	PAH_{43} conc. (mg/kg or mg/L)
PR-MW2000 (NRW-13)	3	20 – 55 ft	1.88	0.0193	0.0365
PR-MW2002 (NRW-12)	3	20 – 55 ft	176	50.1	75.1
PR-MW2004 (NRW-11R)	3	28 – 58 ft	31.7	6.38	9.14
PR-MW2006 (NRW-10)	3	15 – 50 ft	22.6	5.67	7.7
WI-MW2117 (WW-MW-205)	3	3 – 13 ft	39.2	6.97	11
WI-MW2123 (WW-MW-206I)	3	30 – 40 ft	729000	122000	215000
WI-MW2145 (NRW-2)	3	20 – 30; 35 – 60 ft	2240	504	876
WI-MW2146 (WW-MW-12)	4	5 – 15 ft	2	0.0193	0.0686
WI-MW-2648	4	-	0.485	0.0304	0.0701
MW-CT-11	4	22 – 42 ft	11.2	1.12	2.64
B-33/MW-33	2	9.18 ft	653000	884	8130
MW-B1S	2	53.5 ft	701000	138000	259000

Notes: * AOI 2 = Former Pratt Refinery, AOI 3 = Williamsburg MGP AOI 4 = CitiStorage.

5.2.2 Assessment of PAH fingerprints and TPH chromatograms

Samples are clustered based on common characteristics presented in the PAH fingerprint graphs and TPH chromatograms, and these are identified in Figure 4.

5.2.2.1 Unweathered CWG tar

Eight samples present characteristics of unweathered CWG tar: *PR-MW2002, PR-MW2004, PR-MW2006, WI-MW2117, WI-MW2145, WI-MW-2648, WI-MW2123, MW-B1S.*

Examples are shown in Panels A and B, in Figure 5. The main distinguishing feature being the lack of petroleum characteristics in the TPH chromatogram, and the intermediate pyrogenic scree profile in alkylated PAH homologue groups. Sources are additionally differentiated into samples due to differences with the relative concentration of naphthalenes, as evident in the PAH histogram fingerprints in Panels A and B in Figure 5.

5.2.2.2 Weathered CWG tar

Two samples present characteristics of weathered CWG tar: *MW-CT-11 and PR-MW2000*

PAH histogram fingerprints present evident pyrogenic homologue groups, and weathering is affecting the LMW PAHs. For sample MW-CT-11 this is only light weathering affecting the naphthalenes, for sample PR-MW2000 this is more advanced and is affecting the 2- and 3-ring PAHs. Sample PR-MW2000 is shown in Panel C, in Figure 5.

5.2.2.3 CC tar

One sample presents characteristics of a slightly weathered CC tar: *WI-MW-2146*

PAH histogram fingerprints present evident pyrogenic homologue groups, which are more pronounced than for a CWG source type and is characteristic for a CC source type. Weathering is affecting the naphthalenes.

5.2.2.4 Petroleum

One sample presents characteristics of a weathered heavy petroleum source: *B-33/MW-33.*

The PAH histogram fingerprint presents evident petrogenic homologue groups, and weathering affecting the LMW 2- and 3-ring PAHs. The TPH chromatogram presents a very evident petrogenic hump due to unresolved petroleum hydrocarbons. Sample B-33/MW-33 is shown in Panel D, in Figure 5.

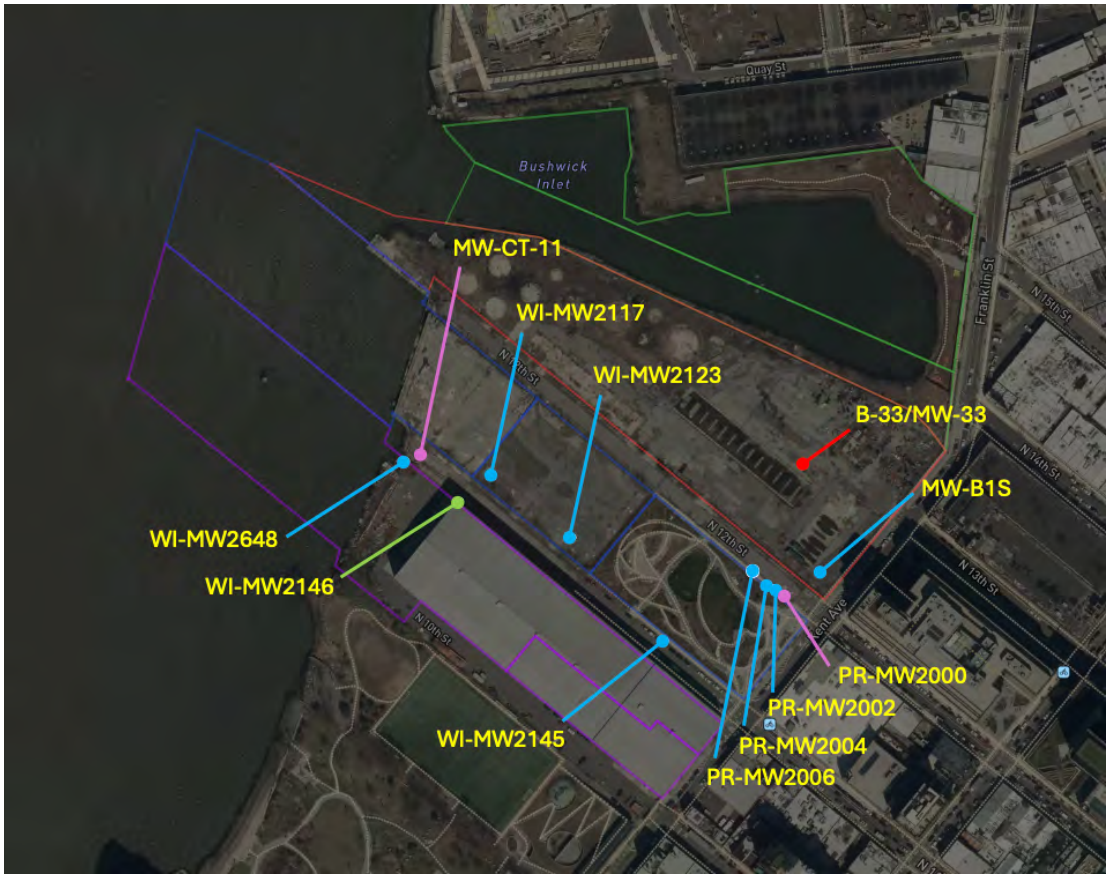


Figure 4. Plan view map showing the location where NAPL samples were collected and the identification of source type described in the text. Boundaries of AOIs are included. Blue = unweathered CWG tar, purple = weathered MGP tar, green = CC tar, red = petroleum.

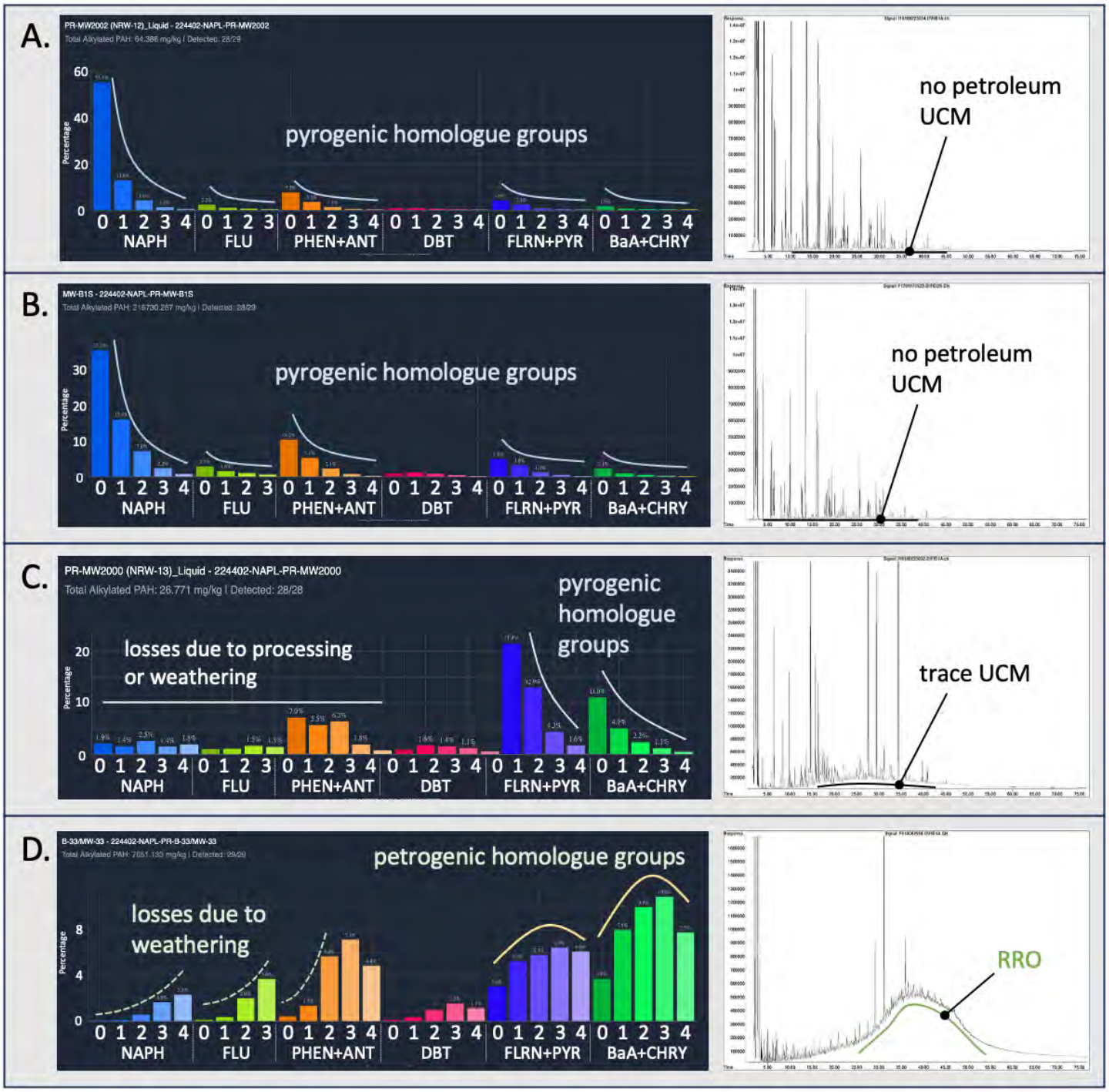


Figure 5. PAH histogram fingerprint graphs and TPH chromatograms for example NAPL samples. Panel A. Sample PR-MW2002. Panel B. Sample PR-MW-B1S. Panel C. Sample PR-MW2000. Panel D. Sample PR-B-33/MW-33.

6 Assessment of soil samples (AOI 2, 3, 4)

6.1 Section Summary

Assessment of soil data has been conducted using a range of forensic chemical analysis techniques, including the interpretation of PAH histogram fingerprints, TPH chromatograms, MDR techniques (HCA, UMAP, PCA) and receptor modelling. Receptor modelling is described in Section 7 where soil and sediment are assessed together.

MDR analysis describes six clusters within the data. Comparison of data within these clusters using PAH histogram fingerprints and TPH chromatograms presents the following conclusions:

- Coal tar is present in the dataset and is spread through three clusters based on the degree of weathering. NAPL samples due to coal tar are present within these clusters. These clusters are primarily present within AOI 3, but cross into both AOIs 2 and 4.
- Petroleum separates into a single cluster in the dataset, however this includes distillates such as kerosene and diesel, as well as a heavy petroleum source. Varying degrees of weathering are present within the dataset. This cluster is only present within AOIs 2 and 4.
- One cluster presents mixtures of MGP tar and petroleum, and is primarily associated with the northern portion of the three AOIs.
- Combustion ash is present in one cluster, and is primarily found in surface samples. This is primarily located within AOI 4, but is also found within AOI 2. Samples representing this source below surface may be due to fill material.

6.2 Forensic chemistry analysis details

6.2.1 Summary of data preparation

All soil samples with alkylated PAH analysis were included in the analysis. The dataset included results from two separate assessments conducted in 2022 (n=29) and 2025 (n=98). Additionally, 12 (plus one duplicate) source-type samples were included.

In total, 140 samples with 43 parent and alkylated PAHs were considered, with C4-FLRN excluded as it was not reported in the 2022 assessment. Alkylated PAH results demonstrated strong detectability across the dataset; therefore, the only samples excluded were 10 with total PAH_{16} concentrations below 1 mg/kg.

6.2.2 Multivariate Dimensionality Reduction

Hierarchical Cluster Analysis (HCA), Principal Component Analysis (PCA), and Uniform Manifold Approximation and Projection (UMAP) are complementary tools used in chemical fingerprinting to group samples and understand how similar or different they are. HCA groups samples based on how alike their chemical compositions are, producing a tree-like diagram where closely related samples cluster together. Samples that join together early in the grouping process are very similar, while those that only connect at higher levels are

more different. This makes HCA a useful first step for identifying natural groupings in the data and highlighting which samples likely share common sources or characteristics.

PCA and UMAP take a different but complementary approach by creating visual "maps" of the data. PCA simplifies the dataset by focusing on the main sources of variation, allowing samples with similar chemical fingerprints to appear close together and dissimilar samples farther apart. UMAP builds on this by capturing more complex (non-linear) relationships, often producing clearer and more distinct clusters. In these visualizations, groups of nearby points represent samples with similar chemical signatures, while separation between groups reflects meaningful differences. Used together, HCA, PCA, and UMAP provide a consistent and intuitive way to group samples, confirm similarities, and distinguish between different chemical sources, especially in complex environmental datasets.

Preliminary MDR analysis and interpretation demonstrated that variation in naphthalene and alkylated naphthalenes was a substantial factor, which meant that weathering was a driving factor above source characterization. Evaluation of the data after exclusion of naphthalene and alkylated naphthalenes presented the same source characterization but with a notably clearer representation since this removed some of the variations due to weathering. Thus, a dataset with the exclusion of naphthalene and alkylated naphthalenes was carried forward for the analysis in this section. However, comparison of data using PAH histogram fingerprints retained naphthalene and alkylated naphthalenes to aid in characterization.

MDR outputs are presented in Figure 6 (HCA dendrogram), Figure 7 (PCA cluster plot), Figure 8 (UMAP cluster plot). The analysis presented six clusters. Based on characterization of PAH fingerprints, compositional features, TPH chromatograms and diagnostic ratios three of these clusters each represent separate sources, two clusters represent stages of weathering alteration of a source, and one cluster represents mixing of sources. These are described further within this section:

- Cluster 1 (purple): coal tar (31 samples)
- Cluster 2 (red): petroleum (19 samples)
- Cluster 3 (white): weathered coal tar (18 samples)
- Cluster 4 (green): highly weathered coal tar (20 samples)
- Cluster 5 (pink): mixed coal tar + petroleum (12 samples)
- Cluster 6 (yellow): combustion ash (17 samples)

Weathering of coal tar is evident across three clusters in the MDR (clusters 1 (unweathered), 3 (moderately weathered) and 4 (strongly weathered)), and is annotated on the UMAP and PCA outputs presented in Figure 7 and Figure 8. The advancement of weathering divides the dataset based on the balance of low molecular weight (LMW) and high molecular weight (HMW) PAHs, since weathering progresses with losses in general relationship

to PAH size. The characterization of these three clusters as being due to a single source, altered by weathering assists in understanding the structure of the MDR.

Cluster 2 represents petroleum sources and presents a range of PAH compositions, which relates to the range of petroleum sources that may be present across the AOIs. This is most clear within the PCA output, which shows a spread of (red) data points across the analysis space, rather than a closely grouped cluster. Mixing of petroleum sources with coal tar is evident by the mixing line represented by Cluster 5 (pink) as annotated on the PCA and UMAP analyses. This Cluster is divided into two portions on the HCA dendrogram due to the relative mixture of coal tar and petroleum in the samples.

Cluster 6 is quite similar to Cluster 4 in terms of PAH compositional structure, however it presents notable features that are sufficient to divide these samples from Cluster 4. Most samples within Cluster 6 are surficial, they present reasonably low concentrations, and the composition is comparable with fire debris ash (strongly pyrogenic). Samples representing this source below surface may be due to fill material. As such it is expected that this source type is unlikely to represent a source of PAHs that may migrate.

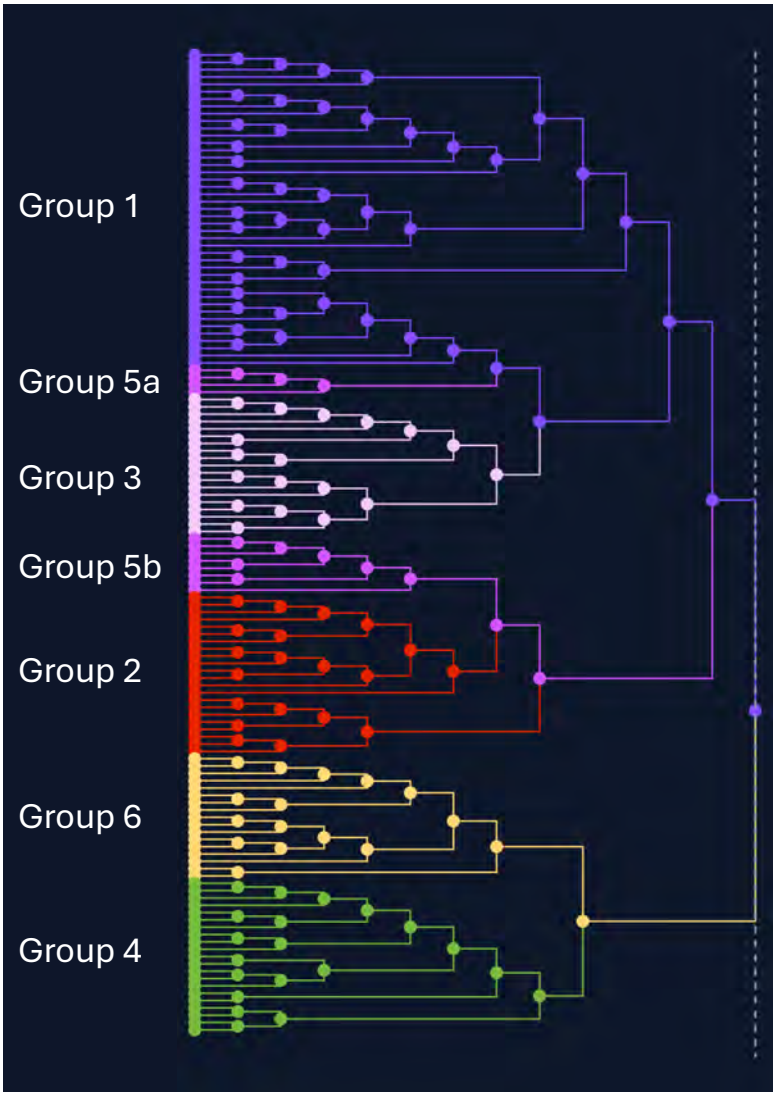


Figure 6. HCA dendrogram showing clear clusters within the dataset. Color codes relate to the clusters described in-text. Cluster 1 (purple) – coal tar. Cluster 2 (red) – petroleum. Cluster 3 (white) – weathered coal tar. Cluster 4 (green) – highly weathered coal tar. Cluster 5 (pink) – mixed coal tar and petroleum. Cluster 6 (yellow) – combustion ash.

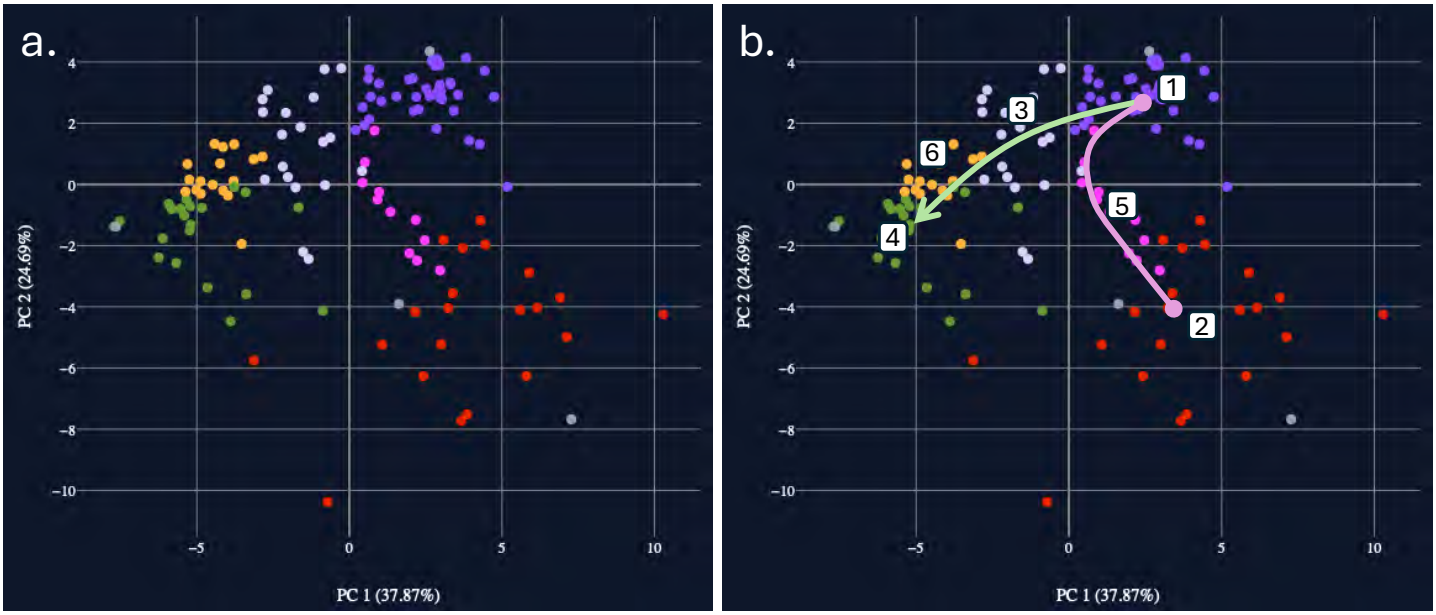


Figure 7. PCA plot showing spread of data. Panel a). shows cluster plot of PC1 and PC2, Panel b). shows cluster plot of PC1 and PC2 with annotation showing MDR Clusters, Green arrow shows the advancement of weathering of Source 1. Pink double arrow shows mixing of Sources 1 and 2. Color codes relate to the clusters described in-text. Cluster 1 (purple) – coal tar. Cluster 2 (red) – petroleum. Cluster 3 (white) – weathered coal tar. Cluster 4 (green) – highly weathered coal tar. Cluster 5 (pink) – mixed coal tar and petroleum. Cluster 6 (yellow) – combustion ash

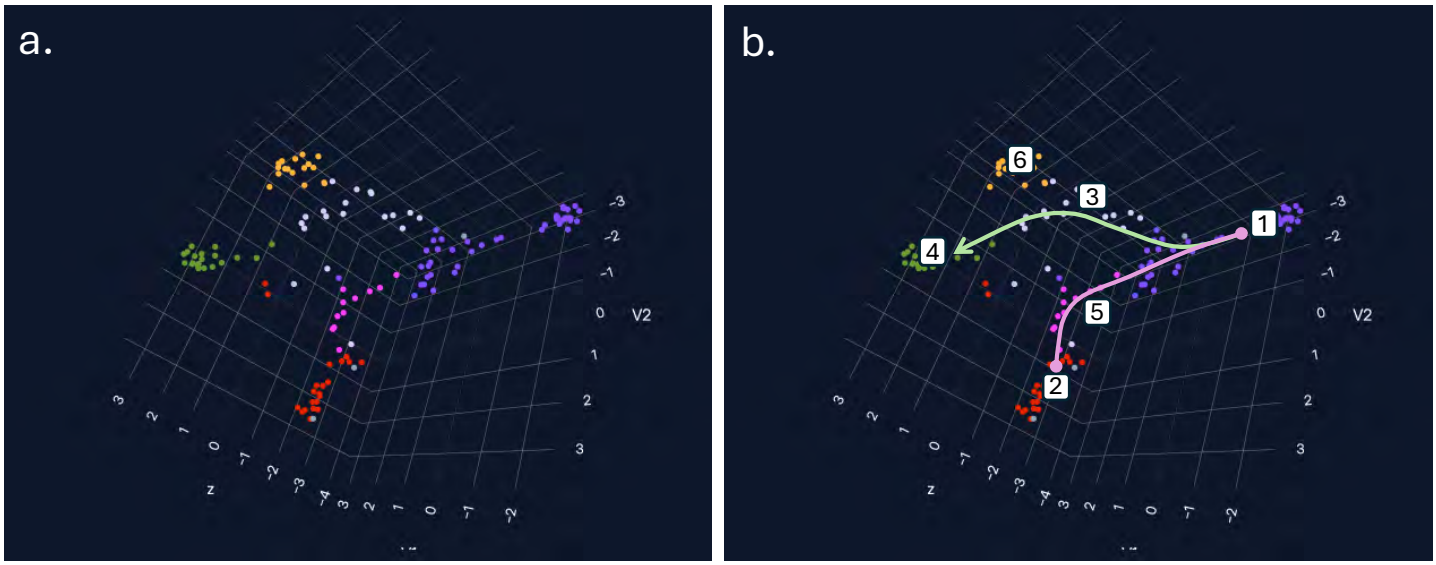


Figure 8. UMAP analysis output showing spread of data. Mixing of source types are demonstrated by arrows. Green arrow shows the advancement of weathering of Source 1. Pink double arrow shows mixing of Sources 1 and 2. Color codes relate to the clusters described in-text. Cluster 1 (purple) – coal tar. Cluster 2 (red) – petroleum. Cluster 3 (white) – weathered coal tar. Cluster 4 (green) – highly weathered coal tar. Cluster 5 (pink) – mixed coal tar and petroleum. Cluster 6 (yellow) – combustion ash.

6.2.3 Representation of Sources contributing to PAHs

The concentration of PAHs (sum of PAH_{43}) due to the clusters described in Section 6.2.2 is assessed through a Cluster-grouped box-whisker plot, which is presented in Figure 9. This type of assessment is useful for describing the main source contributions. The plot shows that Clusters 1, 3, 4, and 5 represent the samples of highest concentration of $sumPAH_{43}$. It is noted that these all represent Clusters with contributions from coal tar. Clusters 2 (petroleum) and 6 (combustion ash) present the lowest concentrations. This is consistent with the fact that coal tar is comprised of a much greater concentration of PAHs compared with petroleum sources.

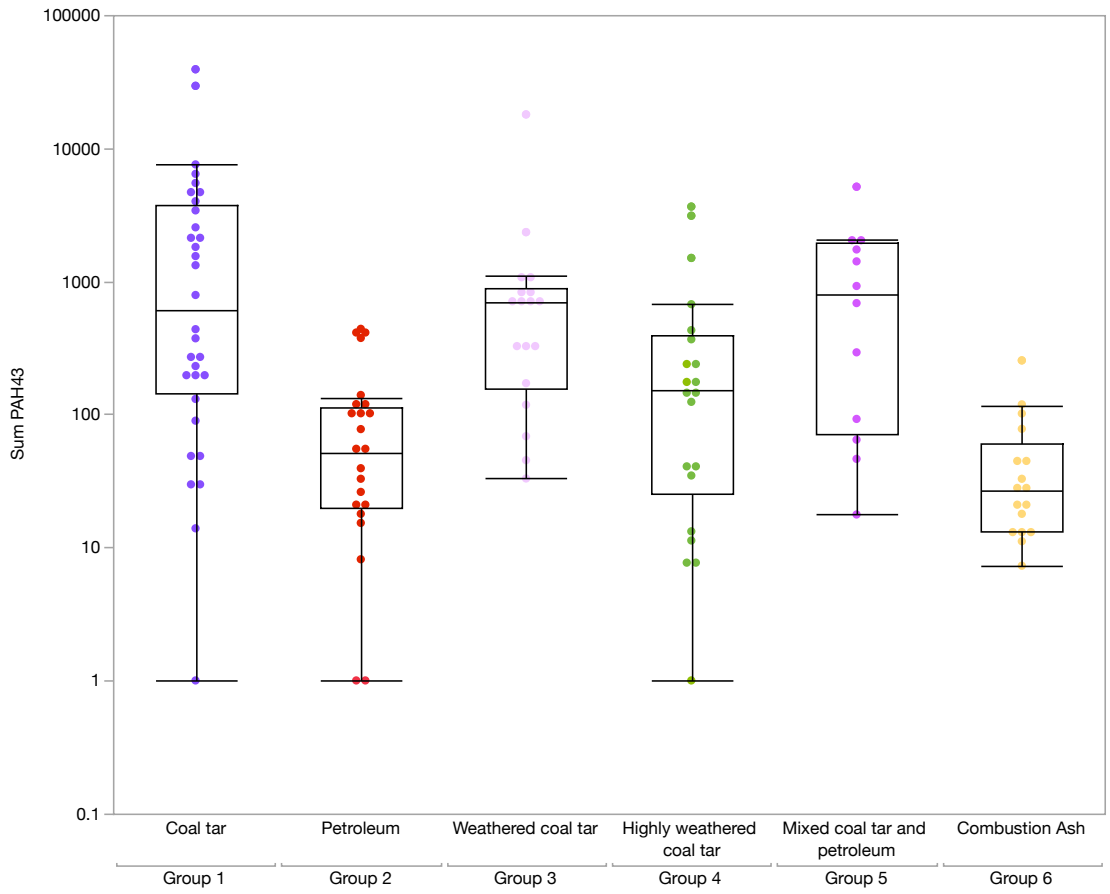


Figure 9. Sum-PAH_{43} concentration (mg/kg) distributions for each of the MDR Clusters including box-whisker statistics. The data shows that Clusters 1, 3, 4 and 5 represent the sources of highest concentration, and that Clusters 2 and 6 present the lowest concentrations. For Box-whiskers – The centre line represents 50th percentile. The box represents upper and lower 25th percentiles. The whiskers represent 1.5*inter-quartile range or min/max value.

6.2.4 Geospatial Assessment

Geospatial representation of samples due to each cluster is presented in Figure 10. Clusters present clear geospatial distribution that align with expected source origins:

- Cluster 1 is due to unweathered coal tar (presented in Panel A). This cluster presents locations within AOI 3, the expected origin, as well as AOI 2 and AOI 4.
- Cluster 2 is due to petroleum (presented in Panel B). This cluster presents locations within AOI 2 and AOI 4, the expected origins. No samples presented in this cluster are located within AOI 3.
- Clusters 3 and 4 are due primarily to weathering of MGP tar (presented in Panels C and D). These clusters present locations primarily within AOI 3, the expected origin, as well as AOI 2 and AOI 4. Notably, these clusters are mostly located in the area closest to the river across all three AOIs.
- Cluster 5 is due to mixing of MGP tar and petroleum (presented in Panel E). This cluster presents locations within AOI 3, the expected origin, as well as AOI 2 and AOI 4. There is a notable area of samples characterized by this cluster within a portion of AOI 3.
- Cluster 6 is due to combustion ash (presented in Panel F). This source is predominantly present in surficial samples, and is primarily present within AOI 4, as well as AOI 2. Samples representing this source below surface may be due to fill material.

Receptor Modelling is better suited to understand the composition of mixtures, and this is described in Section 7.

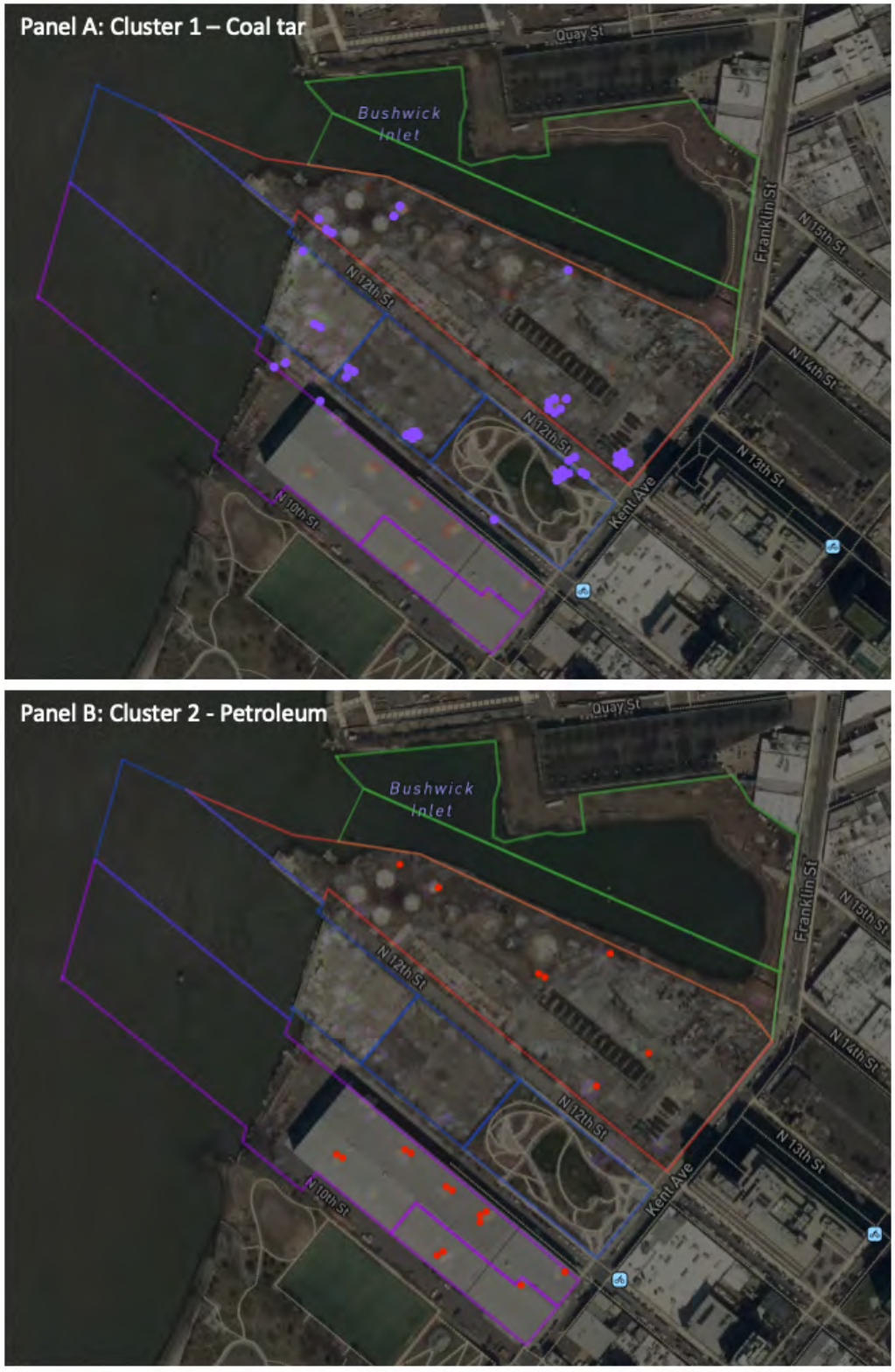


Figure 10a. Plan view maps showing the geospatial distribution of clusters identified in MDR. Panel A. Cluster 1 (purple) – coal tar. Panel B. Cluster 2 (red) – petroleum.

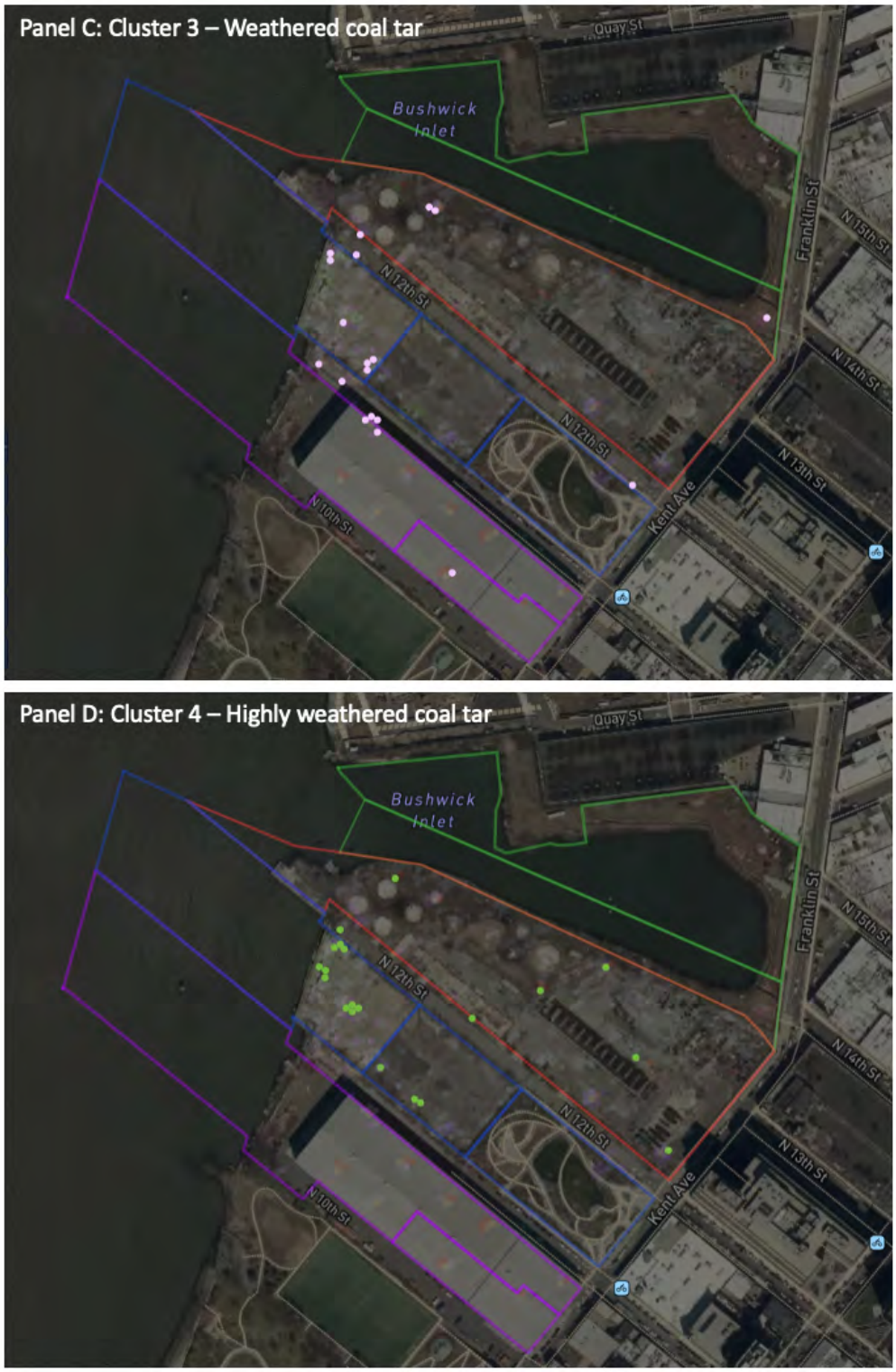


Figure 11b. Plan view maps showing the geospatial distribution of clusters identified in MDR. Panel C. Cluster 3 (white) – weathered coal tar. Panel D. Cluster 4 (green) – highly weathered coal tar.

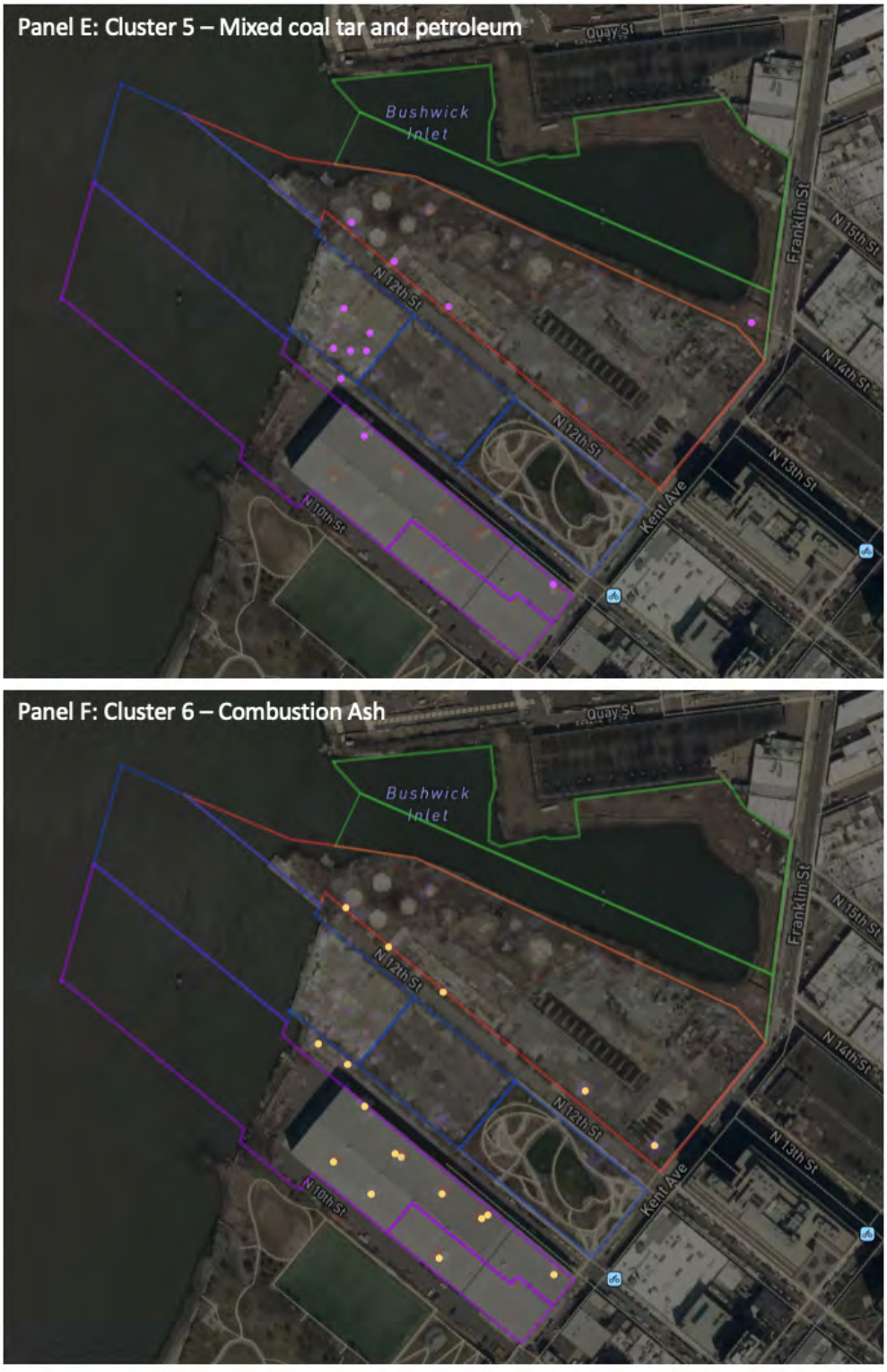


Figure 12c. Plan view maps showing the geospatial distribution of clusters identified in MDR. Panel A. Panel E. Cluster 5 (pink) – mixed coal tar and petroleum. Panel F. Cluster 6 (yellow) – combustion ash.

7 Receptor Modelling of Soil and Sediment (AOI 1, 2, 3 and 4)

7.1 Section Summary

Assessment of all soil and sediment data has been conducted with receptor modelling. This technique identifies and quantifies contributions of PAHs from sources. Modelling presented a range of options for end-members (EMs), however four EMs presented the most realistic scenario within the dataset. An EM typically represents a source of PAHs. A source may be best represented by multiple EMs if alteration due to environmental weathering produces sufficiently different compositions that more than a single EM best represents contributions to the dataset.

The EMs are consistent with the presence of coal tar and petroleum products:

1. Coal tar presented two EMs, which equates to unweathered and strongly weathered PAH compositions. These are consistent with examples from the MDR Clusters 1 (purple) and 4 (green), and mixing of these EMs can produce variations of weathering observed in the dataset.
2. Petroleum presented two EMs, which are consistent with examples from the MDR Cluster 2 (red). One of these EMs compares with a distillate petroleum source. The other EM largely compares with a heavy / weathered petroleum source, however it also shows some pyrogenic features, and represents an uncertain EM.

Geospatial representation of these EMs is consistent with the MDR analysis:

1. Coal tar is present primarily within AOI 3, however it is also present within both AOIs 2 and 4.
2. Petroleum is present primarily within AOIs 2 and 4.

Within the sediment dataset the sources are consistent with contributions from former operations at the petroleum refinery and MGP. It is noted that the composition of EM 4 may also coincide with urban background sources and should be carefully assessed in sediment samples.

7.2 Summary of samples included in assessment

Samples in the Receptor Modelling included both soil (n=110) and sediment (n=36). Soil samples were similar to the MDR analysis; however, low concentration samples with sum-PAH_{16} < 1 mg/kg (n=10) were retained in Receptor Modelling. Although low concentration samples can influence some data analytic methods, receptor modelling approaches are generally more robust to these effects and can still provide meaningful insight into source contributions.

Samples due to combustion ash (Cluster 6 (yellow)) were excluded from the Receptor Modelling (n=17). The composition of this source presents many similar features to highly weathered MGP tar. This source is clearly associated with either historical combustion or historic fill material and this is highly unlikely to represent the migration and mixing of sources. If carried into receptor modelling this source may be incorrectly represented

within apportioned mixed samples. Thus, following careful consideration of the risk of incorporating this within the Receptor Modelling, it was decided that this source will not be a factor for consideration of mixed sources of PAHs within soil and sediment data.

7.3 Receptor Modelling

7.3.1 Model Validation

To evaluate whether the Receptor Model adequately represents the environmental dataset, cosine similarity was calculated between the predicted and measured (actual) profiles. The resulting cosine similarity values are presented in Figure 13 to show the distribution of the results. The markers are coloured per the clusters identified in the MDR analysis, and sediment samples are marked as grey open circles. The plot shows that the sample profiles are reproduced with good similarity with 139 of 146 samples exceeding 80% similarity, while a small subset shows lower agreement, likely reflecting a more complex or heterogeneous composition not fully represented by the modelled source profiles. All MDR clusters present similar reproducibility, showing that the model agrees well with the assessment from the MDR analysis.

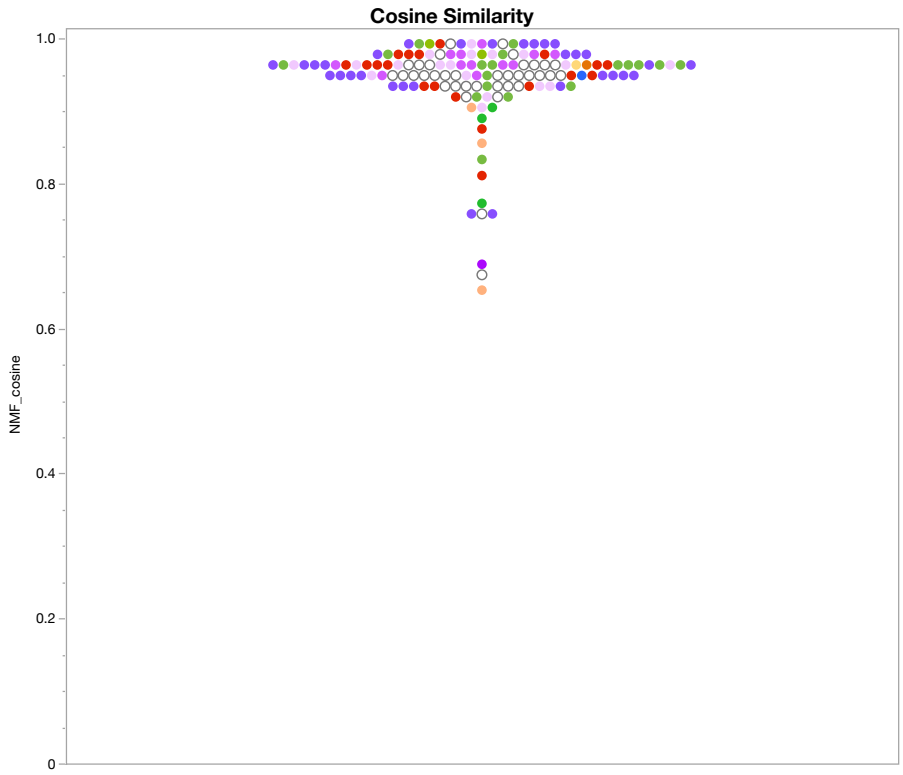


Figure 13. Cosine similarity plot for the soil and sediment PAH_{43} dataset, with samples clustered (colors) per the MDR analysis. Open circles represent sediment samples.

The Receptor Model EMs were added to the UMAP and PCA plots, as shown in Figure 14, to validate that these different methods of analysis produce similar results. All four EMs plot with specific color-coded clusters and shows that the Receptor Model has produced similar results to the MDR.

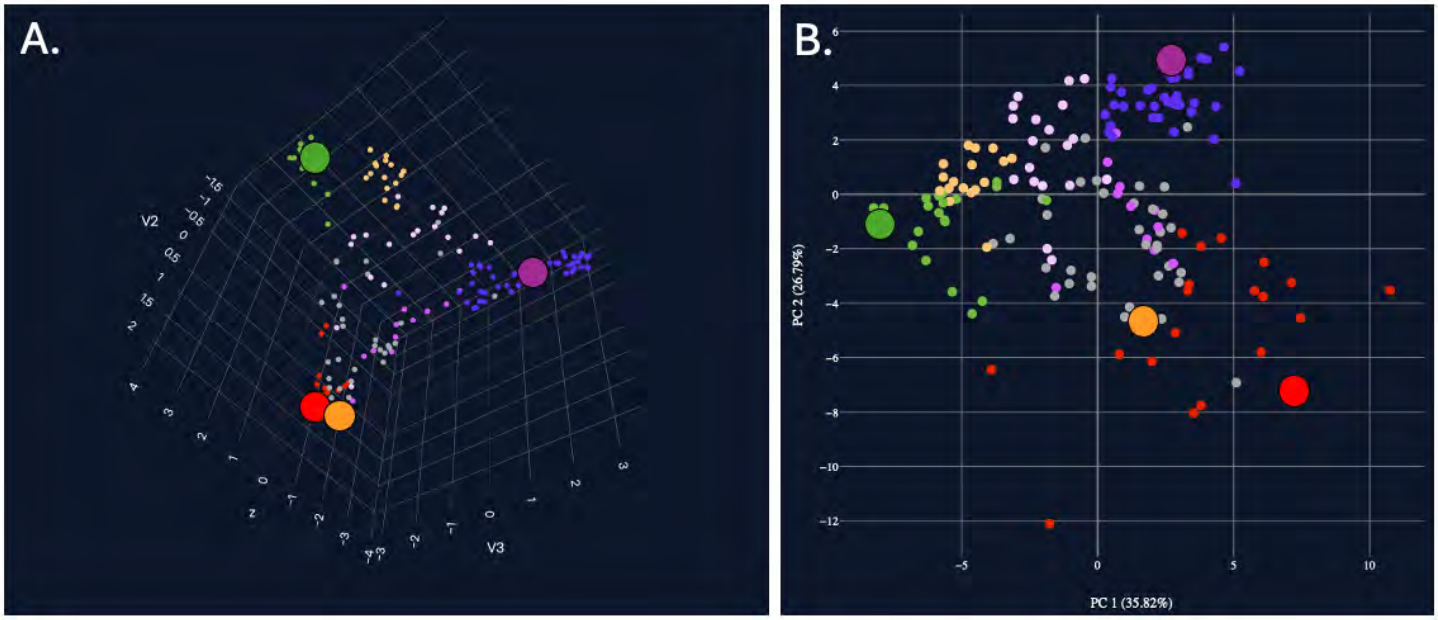


Figure 14. UMAP (Panel A) and PCA (Panel B) including the four EMs from Receptor Modelling. Purple = EM 1, Green = EM 2, Red = EM 3, orange = EM 4.

7.3.2 Description of End-members

7.3.2.1 End-member 1

The PAH histogram fingerprint for this EM presents unweathered pyrogenic homologue groups. This is presented in Figure 15. Also included in the figure is an example sample from the Site showing the same composition (SB-WI-05-AR-30-32). The predicted results from the receptor model for the sample presents a cosine value of 0.95, demonstrating that the model can produce the observed PAH composition with good accuracy. This EM is interpreted to represent unweathered MGP tar. This compares very strongly with MDR cluster 1.

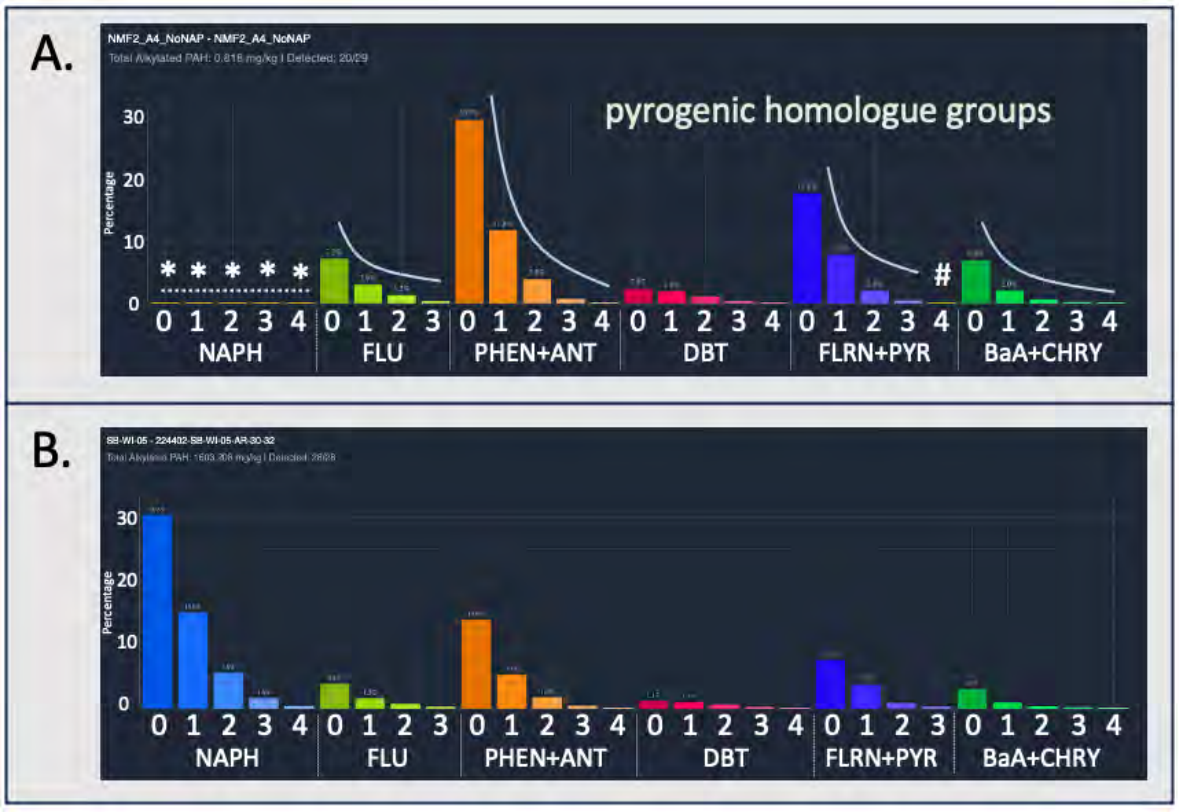


Figure 15. Panel A. Histogram fingerprint graph for receptor model EM 1. This represents unweathered MGP tar. Panel B. Histogram fingerprint graph for an example sample that presents the same characteristics (SB-WI-05-AR-3032).

7.3.2.2 End-member 2

The PAH histogram fingerprint for this EM presents weathered pyrogenic homologue groups. This is presented in Figure 16. Also included in the figure is an example sample from the Site showing the same composition (WW-SB-204-5-10). The predicted results from the receptor model for the sample presents a cosine value of 0.97, demonstrating that the model can produce the observed PAH composition with good accuracy. This EM is interpreted to represent weathered MGP tar. This compares very strongly with MDR cluster 4.

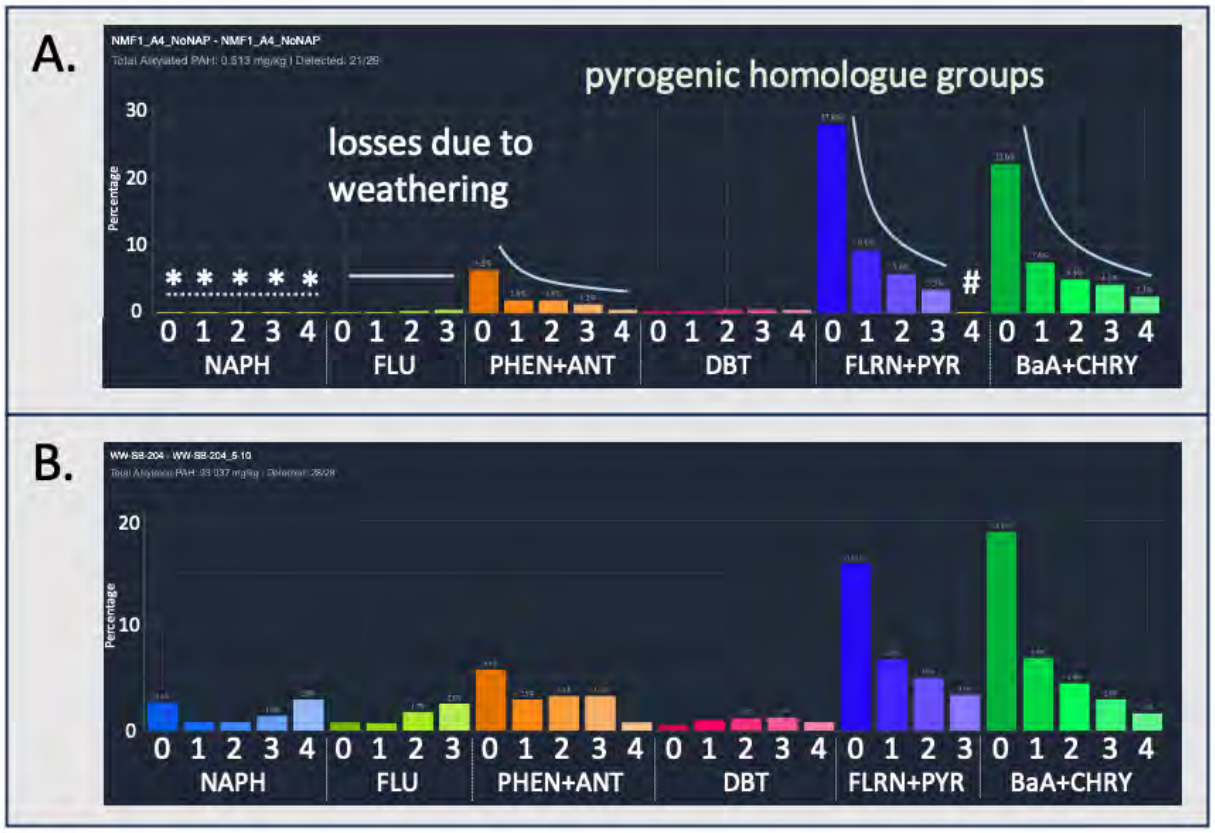


Figure 16. Panel a. Histogram fingerprint graph for receptor model EM 2. This represents weathered MGP tar. Panel b. Histogram fingerprint graph for an example sample that presents the same characteristics (WW-SB-204-5-10).

7.3.2.3 End-member 3

The PAH histogram fingerprint for this EM presents petrogenic homologue groups. This is presented in Figure 17. Also included in the figure is an example sample from the Site showing the same composition (SB-CT-05-AR-11-12). The predicted results from the receptor model for the sample presents a cosine value of 0.95, demonstrating that the model can produce the observed PAH composition with good accuracy. This EM is interpreted to represent distillate petroleum products. This compares very strongly with a branch of MDR cluster 2.

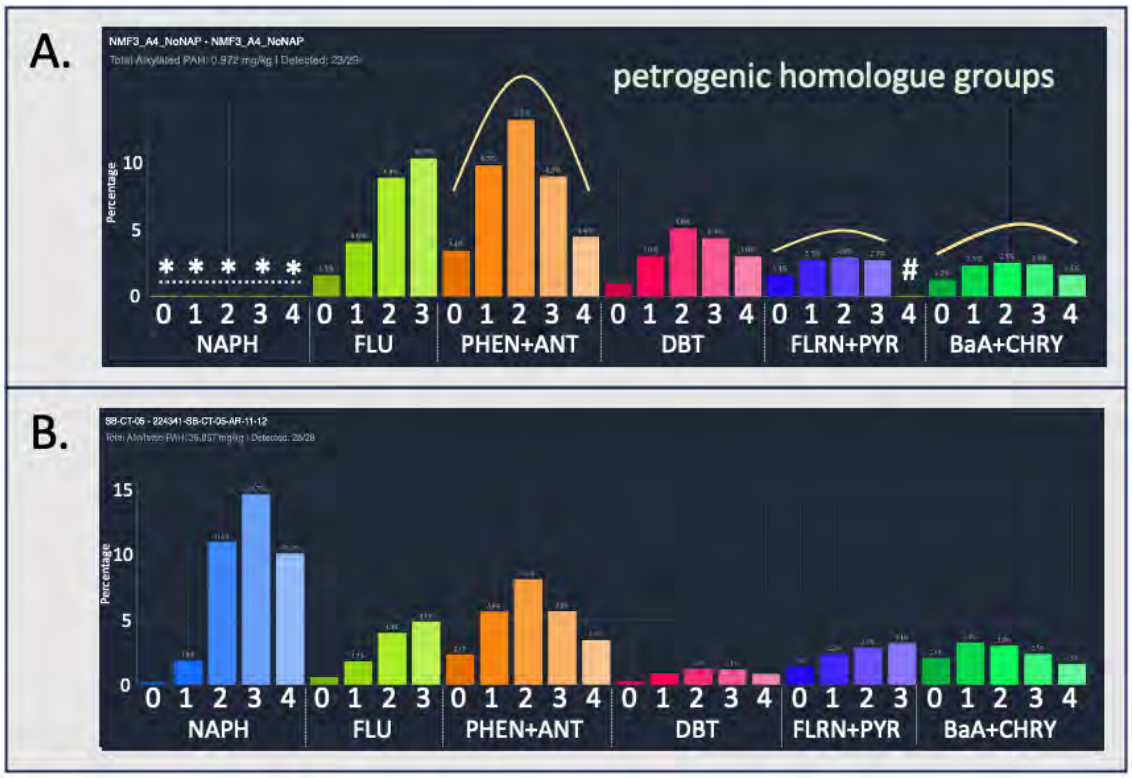


Figure 17. Panel a. Histogram fingerprint graph for receptor model EM 3. This represents petroleum distillate. Panel b. Histogram fingerprint graph for an example sample that presents the same characteristics (SB-CT-05-AR-11-12).

7.3.2.4 End-member 4

The PAH histogram fingerprint for this EM presents weathered petrogenic homologue groups, with observable amounts of pyrogenic inputs to the high molecular weight PAHs. This is presented in Figure 18. Also included in the figure is an example sample from the Site showing the same composition (SB-PR-06-09-11). The predicted results from the receptor model for the sample presents a cosine value of >0.99, demonstrating that the model can produce the observed PAH composition with good accuracy. This EM is interpreted to represent weathered heavy petroleum, with small amounts of residual pyrogenic sources. This compares very strongly with a branch of MDR cluster 2.

Care should be taken when assessing this EM for sediment samples, since this composition also closely matches generic urban background sources. Given this source is only related to a small number of samples in the MDR it is likely not a major contributor to sediment from former operations within the upland AOIs.

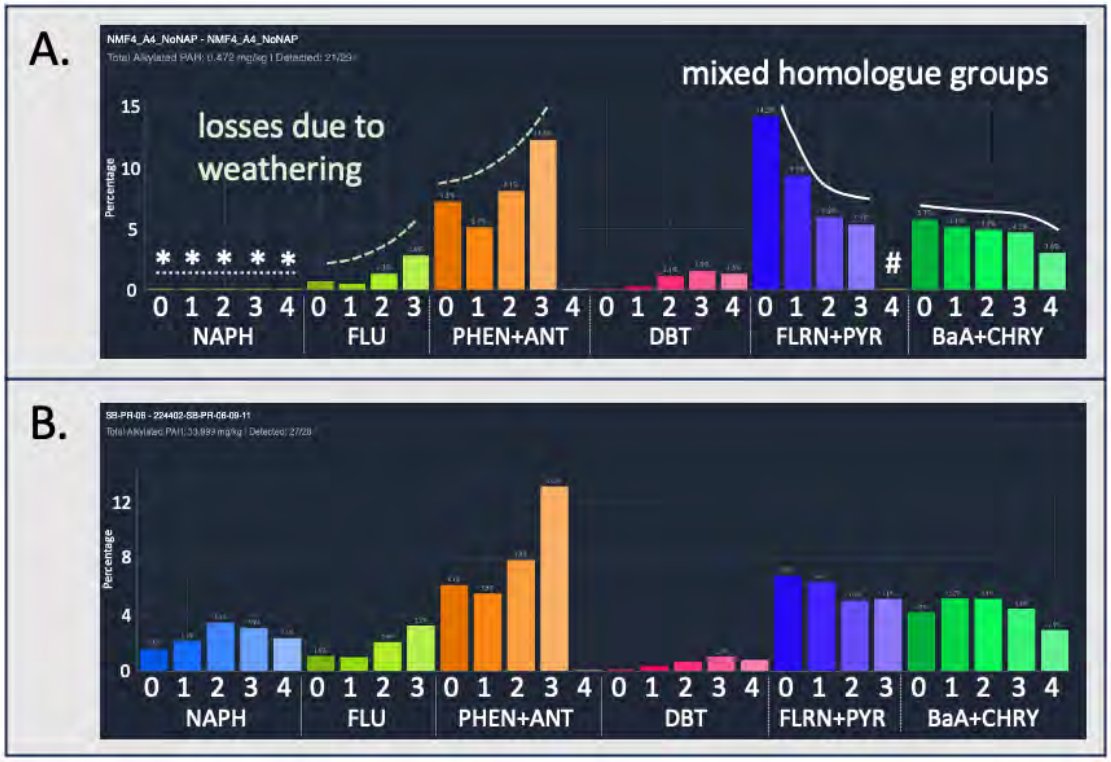


Figure 18. Panel a. Histogram fingerprint graph for receptor model EM 4. This represents weathered heavy petroleum and pyrogenic inputs. Panel b. Histogram fingerprint graph for an example sample that presents the same characteristics (SB-PR-06-09-11).

7.3.3 Geospatial distribution of end-members.

Samples representing each EM are included in assessment to produce heatmaps, which show the geospatial distribution of those EMs. These are presented in Figure 19. EMs 1 (Panel A) and 2 (Panel B) represent MGP tar, and EMs 3 (Panel C) and 4 (Panel D) represent petroleum sources (EM 4 also includes small amounts of residual pyrogenic PAHs). Residual combustion sources may remain within the dataset and represent small spot samples on the map for EMs 2 in Panel B.

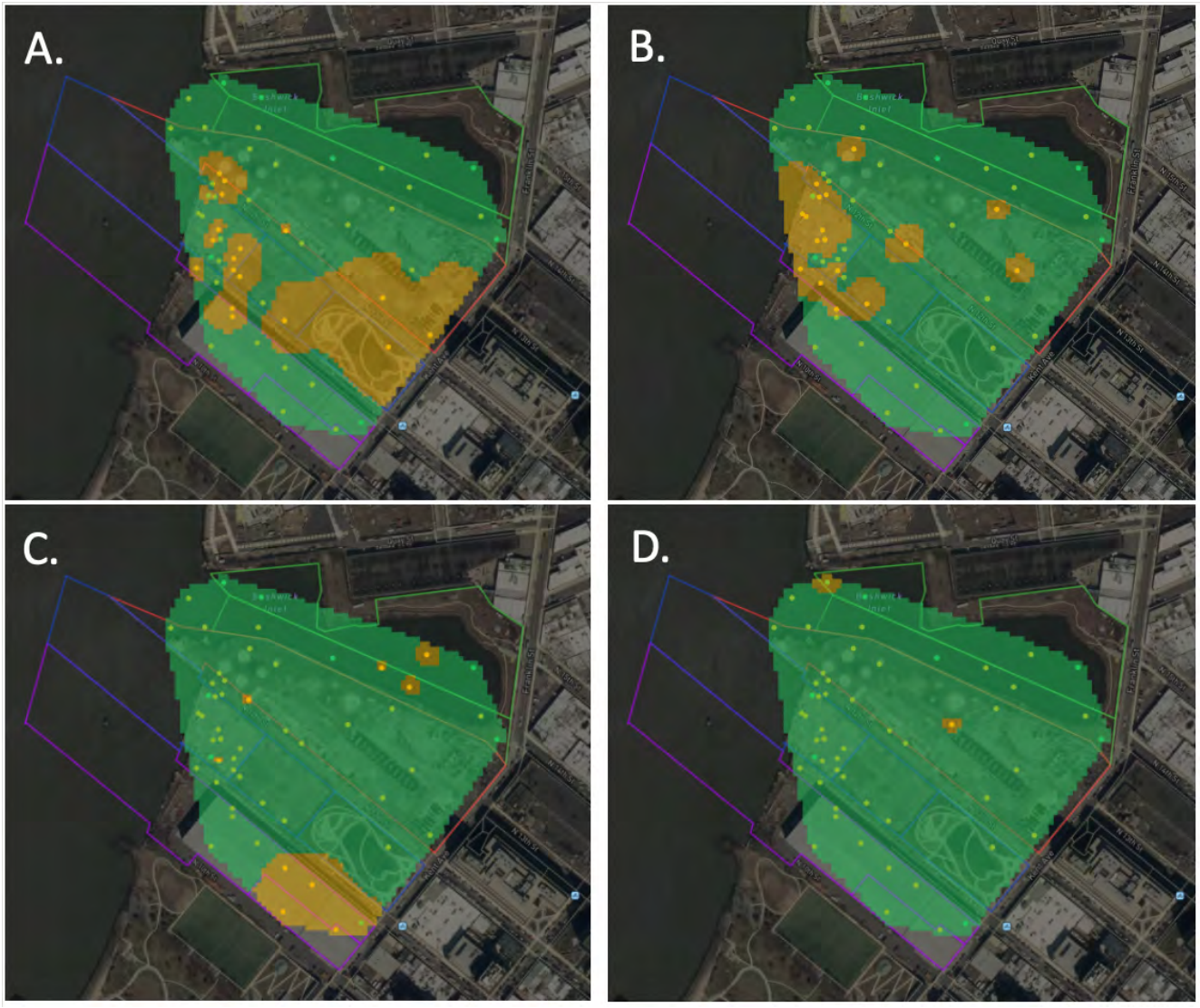


Figure 19. Heatmaps for the four EMs. Panel A. EM 1 representing unweathered MGP tar. Panel B. EM 2 representing weathered MGP tar. Panel C. EM 3 representing petroleum distillate. Panel D. EM 4 representing weathered heavy petroleum + some pyrogenic PAHs. Orange color-coding represents greater than 40% contribution from that end-member to the total.

7.3.4 Sediment dataset

Characterization of sediment data clearly presents evidence of upland sources:

- Petroleum products including distillates (DRO) and residual petroleum (RRO), which are connected to upland sources related to former operations at AOI 2 and 4.
- MGP tar, which is connected to upland sources related to former operations at AOI 3.

Background conditions may present contributions of PAHs to the sediment of Bushwick Inlet that are unrelated to the three upland sites (AOIs 2-4). Thus, care must be taken when assigning relationship of sediment data to upland AOI sources, in particular EM 4.

Example samples that present clear identification of upland sources within sediment are shown geospatially in Figure 20, and the EM contributions and cosine match are presented in Table 3. Annotated PAH histogram fingerprint graphs and TPH chromatograms are presented in Figure 21. Appendix D provides a breakdown of EM contributions for all soil and sediment samples. It should be noted that this does not account for background, which may be an important factor for sediment samples. A description of what the EMs represent is provided in Section 7.3.2.

Table 3. Receptor Modelling outputs for select key samples demonstrating input of site sources to sediment in Bushwick Inlet.

Sample ID	PAH_{43} conc (mg/kg)	Cosine match	End member 1 (fraction)	Endmember 2 (fraction)	Endmember 3 (fraction)	Endmember 4 (fraction)
SED-BI-01-18-20	447	0.94	0.41	0.36	0.04	0.19
SED-BI-05-33-35	117	0.94	0.24	0.11	0.30	0.35
SED-BI-09-08-10	667	0.97	0.36	0.17	0.35	0.12
SED-BI-12-00-0.5	762	0.93	0.01	0.09	0.58	0.32
SED-BI-12-23-25	4304	0.97	0.78	0.04	0.18	<0.01

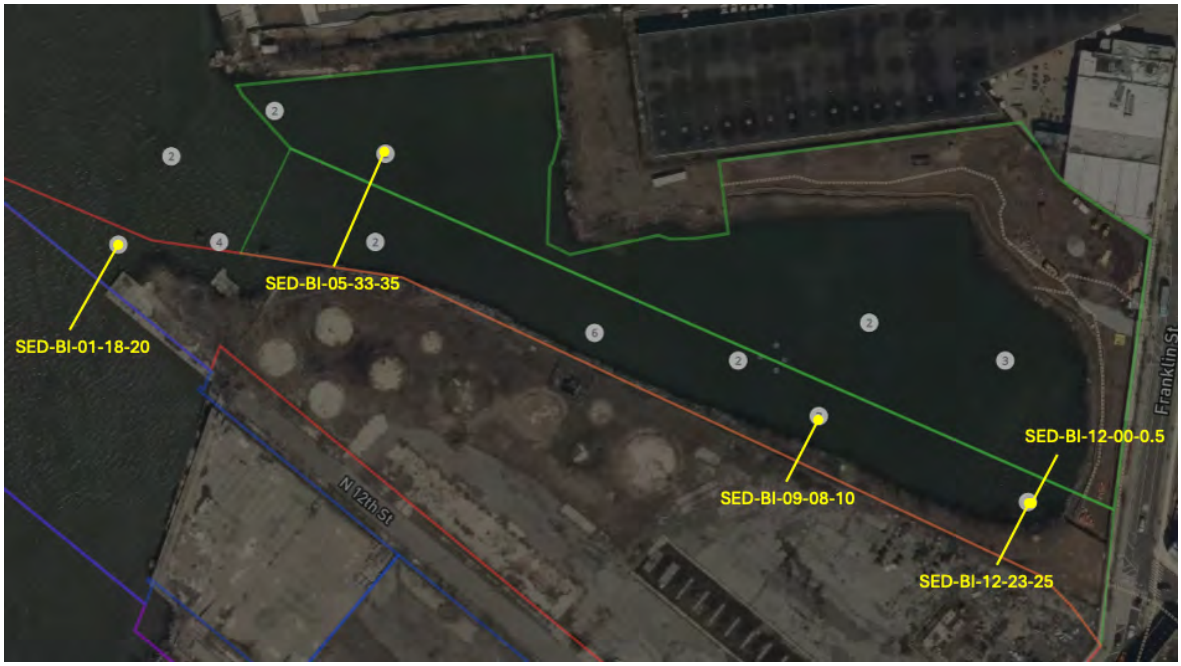


Figure 20. Plan view map showing the location of samples described in text. These samples present clear demonstration of sources due to former operations at the three upland AOIs.

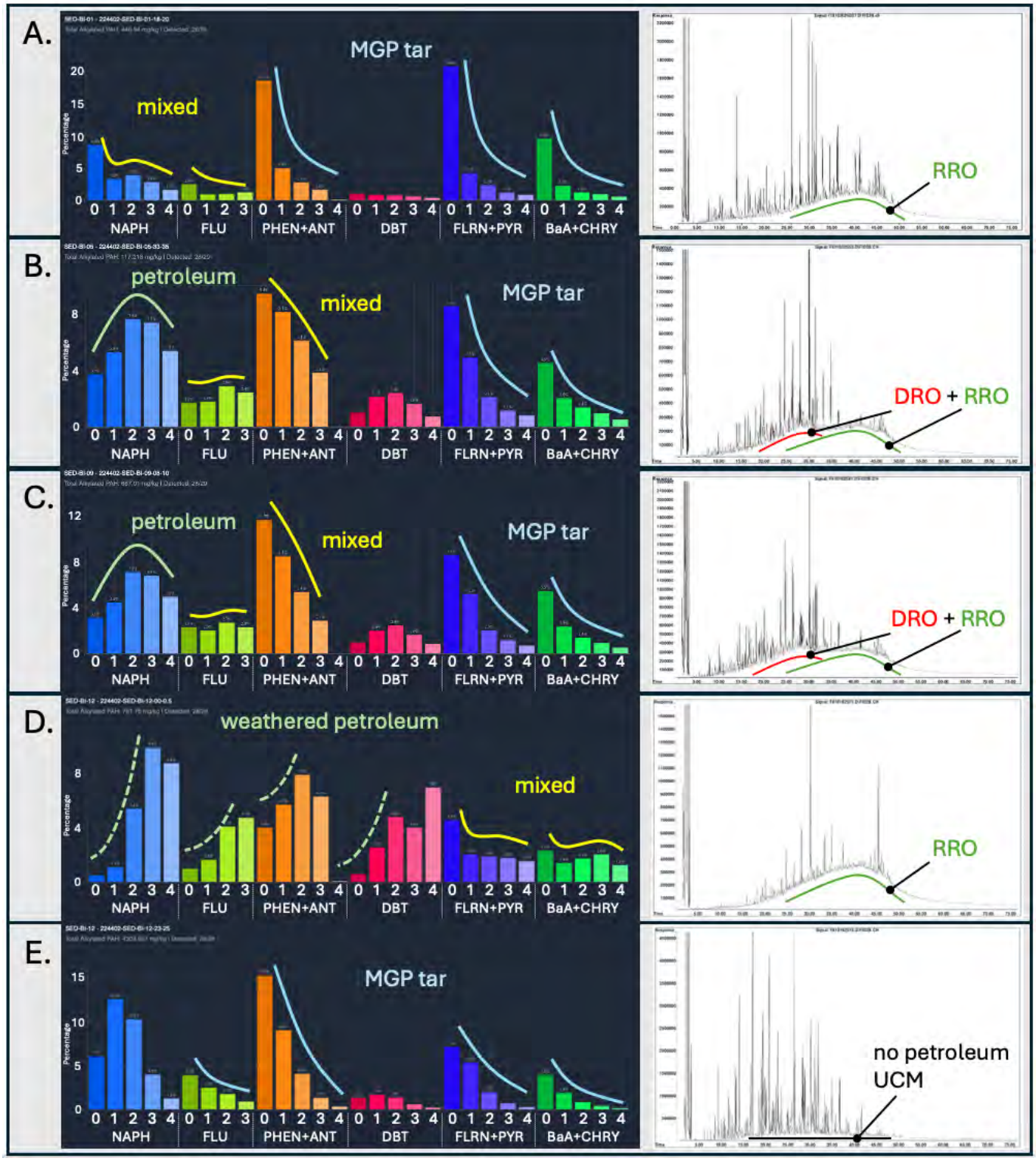


Figure 21. PAH histogram fingerprint graphs and TPH chromatograms for example sediment samples that present evidence of contamination from the upland sites. Annotation describes characteristic features. Panel A. SED-BI-01-18-20 showing petroleum and MGP tar. Panel B. SED-BI-05-33-35 showing petroleum and MGP tar. Panel C. SED-BI-09-08-10 showing petroleum and MGP tar. Panel D. SED-BI-12-00-0.5 showing predominantly petroleum. Panel E. SED-BI-12-23-25 showing predominantly MGP tar.

8 Groundwater data

8.1 Summary of data preparation

54 samples of groundwater data were provided for assessment. These were collected between September 29 to October 8, 2025. All samples were analyzed for PAH_{16}, but not for PAH_{43}. Samples with less than 3 detected PAHs were excluded (n = 33) since these provided no discernable source-related characteristics. Since NAPL samples were collected from groundwater wells (n = 12), and described with full PAH_{43} analysis, these were included in this analysis to support the derivation of conclusions from the data. Appendix E presents a summary of analysis.

8.2 Assessment of sources

Samples were assessed based on PAH compositional features within histogram fingerprint graphs for the PAH_{16} and data relationships to NAPL samples.

Samples with only PAH_{16} results represent lower quality for source assessment than samples with PAH_{43} results, and conclusions drawn from this dataset should be considered carefully against sources that are clearly evident in NAPL and soil samples within the upland AOIs. In addition, the effect of differential partitioning of PAHs between soil and water phases makes comparison between groundwater data and soil data difficult. The soil data presents the best dataset for source identification.

Six samples presented a PAH composition that presented a high relative concentration of naphthalene (defined as >75% of detected PAH_{16} within a sample). These samples presented a geospatial relationship with the MDR Cluster 1, and receptor model EM 1, demonstrating the source as coal tar. The samples generally present a halo around the area where NAPL samples with similar compositions were identified, as shown in Figure 22 (shown as orange circles on the figure).

Fifteen (15) samples presented a PAH composition with lower detected naphthalene concentrations relative to the other detected PAHs. These locations are within geospatial areas where soil samples were assessed to be due to both coal tar and petroleum sources. The relationship of these samples to soil data may demonstrate connection to source types. However, due to differential partitioning, care must be taken in relating soil and groundwater samples. A positive identification is not undertaken at this time, however, a comparison of soil and groundwater samples is provided in Figure 23 to demonstrate the comparison. In the figure four locations are shown with groundwater PAH histogram fingerprints compared with representative soil samples. The shift of PAH composition to a lighter composition in groundwater compared with the soil sample is expected based on relative partitioning coefficients.

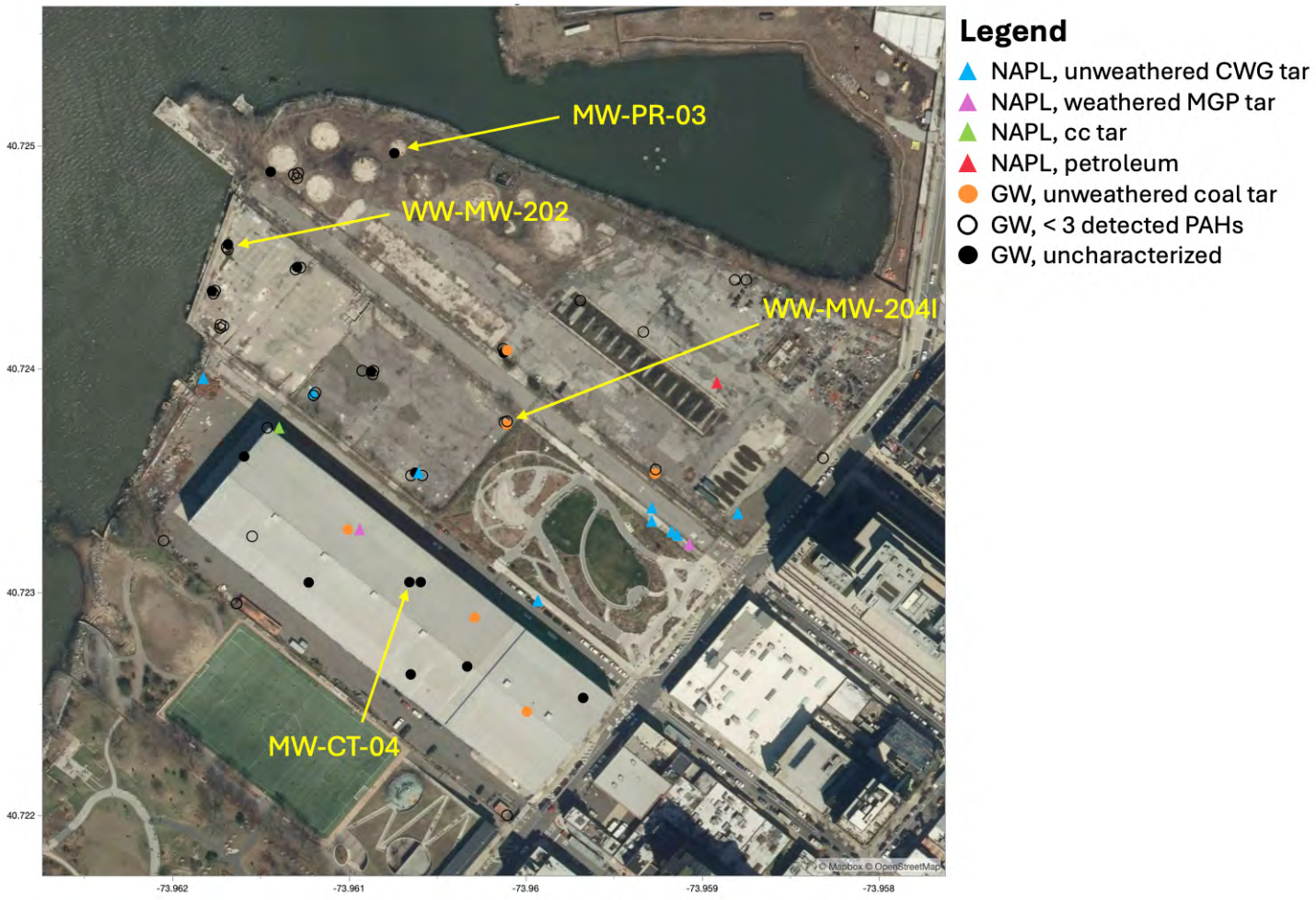


Figure 22. Plan view map showing the location of groundwater samples (circles) as well as the NAPL samples (triangles) that were collected from groundwater wells and described in Section 5. The four identified groundwater samples are specifically described in text. Six groundwater samples present characteristics evident of unweathered coal tar (orange circles). Black closed circles present other samples (n=15) that are not clearly characterized from this assessment. Open circles present locations with less than 3 detected PAHs, which is insufficient for source-characterization.



Figure 23. Comparison of groundwater (left) and soil/NAPL (right) samples at four characteristic locations. Discussion of the relationship is provided in text. A = WW-MW-204I. Assessment of NAPL sample is CWG coal tar. B = MW-CT-04. Assessment of soil sample is petroleum. C = MW-PR-03. Assessment of soil sample is petroleum. D = WW-MW-202. Assessment of soil sample is weathered coal tar.

9 Report Conclusions

The assessment was tasked to provide answers to three questions posed in the Scope of Work, using forensic chemistry analysis techniques.

1. *Establish the "parent" chemical fingerprints for contamination observed at the three former facilities:*
    a. *Former Pratt Refinery [Block/Lot]*
    b. *Williamsburg MGP*
    c. *CitiStorage Sites [Formally part of Pratt Refinery]*
2. *Can contamination detected in the Bushwick Inlet be attributed to specific operations at any of the above listed sites?*
3. *Can contamination detected on the CitiStorage parcel be attributed to specific operations at any of the above listed sites?*

From the soil samples and NAPL samples, end-members can be estimated to characterize the primary source signatures associated with each of the former facilities. These sources are evident at their respective parcels and are also present within the CitiStorage location (addressing questions 1 and 3). These findings are discussed at length throughout the report using a range of forensic chemistry techniques, and compare well with expected source types for the former operations within those AOIs.

Specifically for AOI 4, there are sources due to petroleum products such as kerosene, diesel and residual fuel oils (attributable to former operations at AOI 4 itself) as well as sources due to coal tar (attributable to former operations at AOI 3).

Sediment results (Question 2) indicate that contamination observed within the Bushwick Inlet is consistent with contributions from former operations at the petroleum refinery and MGP, as supported by representative samples A through E discussed in Section 7.3.4. Many of the remaining sediment samples exhibit mixed signatures reflecting varying degrees of product mixing, weathering, and potential contributions from background sources. Uncertainties remain regarding background contributions, and the effects of that to the baseline within the inlet.

Appendix A: Scope of Work for Forensic Evaluation Services: NYSDEC – Former Pratt Refinery & CitiStorage, Brooklyn, New York

Scope of Work
for Forensic Evaluation Services
NYSDEC – Former Pratt Refinery & CitiStorage
Brooklyn, New York

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology, P.C. and its affiliate EA Science and Technology (EA) to perform Site Characterization (SC) activities at the Former Pratt Refinery (Site No. 224402) and CitiStorage (Site No. 224341) Sites in the City of Brooklyn, Kings County to assess environmental impacts from past and current on-site and off-site activities including the storage and handling of various petroleum products at the former Pratt Refinery and former off-site manufactured gas plant (MGP) operations. The Former Pratt Refinery Site includes the upland parcel (Former BaySide Fuel Oil Company [BFOC] currently owned by New York City, Block 2277, Lot 1) and Bushwick Inlet (Block 2590, Lots 100 and 101). The Bushwick Inlet investigation is primarily focused on the waterbody of Lots 100 and 101. The CitiStorage Site includes only the upland parcel (Block 2294, Lots 1 and 5). The SC assessment will include both lateral and vertical extents of potential soil and sediment contamination. In addition, EA's goal is also to determine the source of comingled petroleum and non-aqueous phase liquid (NAPL) or tar contamination at Bushwick Inlet and CitiStorage from past and current on-site and off-site activities including the storage and handling of various petroleum products at the Former Pratt Refinery and off-site former Williamsburg MGP Site (Site No. 224055, Block 2287, Lots 1, 16, and 30) operations as shown in **Figure 1**. The results of the investigation will be used to determine what additional actions may be necessary.

All parcels of interest are under the jurisdiction of New York City Department of Parks and Recreation (NYCDPR) and are intended to be improved by NYCDPR as park land.

This document is a request for consulting services to provide technical expertise in forensic evaluation of petroleum and tar materials, including hydrocarbon fingerprinting and polycyclic aromatic hydrocarbon (PAH) analysis, to determine the source of comingled contamination, data interpretation, and technical support for this work assignment.

The chosen consultant will be required to furnish all necessary and appropriate personnel, materials, and services needed for, or incidental to, the performance of all work and activities described in accordance with this scope of work, unless explicitly stated otherwise. EA will have a representative to oversee activities and to coordinate project requirements, including client interaction, technical expertise, and quality control. Bidders shall provide costs on a firm-fixed price (not to exceed) basis.

BACKGROUND

This section briefly discusses the three parcels of interest—the Former Pratt Refinery Site (including Bushwick Inlet), the Former MGP Site, and CitiStorage Site—and the general exceedances of standards, criteria, and guidance (SGCs) for soil, sediment, and groundwater due to historical operations.

The Former Pratt Refinery

The Former Pratt Refinery is identified as tax parcels in Block 2277 (upland area) and Block 2590 (Bushwick Inlet) which are located along Kent Avenue between vacant land known as the Former MGP Site (NYSDEC Site No. 224055) to the south and Quay Street in the Greenpoint-Williamsburg section of the Borough of Brooklyn, Kings County, New York to the north. East River is on the west of the site.

Following the filling of land under water, the upland area of the Former Pratt Refinery Site historically produced a variety of petroleum-based products including astral oil, naphtha, gasoline, and benzine and kerosene oil produced by coal distillation. In 1961 the block was razed, and a bulk oil terminal was constructed in 1965 with a total capacity for petroleum products of approximately 5.5 million gallons. There were numerous storage tanks that stored crude oil and refined products, including petroleum tar (also known as petroleum still bottoms or residuum) and processing units throughout the site. The oil terminal was in use until 2011 and was acquired by the city of New York in 2014. Currently, the site lies empty as terminal infrastructure was fully demolished by 2019. Dense non-aqueous phase liquid (DNAPL) has been identified along North 12th Street and was attributed to the contamination located at the Block 2287 site from former MGP operation (Williamsburg Works Former MGP site, which is under the oversight of NYSDEC as part of the State Superfund Program).

There have been several investigations at the site including the most recent SC completed in 2021 by Roux Environmental Engineering and Geology, D.P.C (Roux 2021) that have demonstrated petroleum-related soil and groundwater contamination, and the presence of NAPL at the site from various spills and historical operations. This resulted in several remedial actions including removal of five underground storage tanks and enhanced fluid recovery. A previous baseline Phase II Environmental Site Assessment, completed by TRC Environmental Corporation on behalf of BFOC in December 2002, concluded that there is a significant amount of off-site MGP source material consisting of DNAPL coal tar contamination in the southeast and southwest corners of the site. Additionally, the report concluded that groundwater has been impacted by the offsite sources and extends from the southeast corner to within 60 feet of Bushwick Inlet. In the upland portion, light non-aqueous phase liquid (LNAPL)-impacted soil was encountered within an approximate range of 0.5 feet to 27 feet below land surface. Visual MGP tar impacts ranging from sheens to saturation were observed in several of the soil borings located along North 12th Street and the southern portion of the site. A remedial investigation (RI) conducted by GEI Consultants, Inc. indicated that tar released from the MGP sources area generally migrated downward through the permeable fill until it encountered less permeable till or silty lenses and added that tar tanks at the Former Pratt Refinery are potentially an additional source of tar (GEI Consultants, Inc. 2024).

The SC investigation advanced a total of 71 soil borings to maximum depth of 30 feet below ground surface (bgs), collected 294 soil samples, and installed 12 temporary groundwater monitoring wells. The SC report summarized that there were volatile organic compounds (VOCs) (1,2,4-trimethylbenzene, benzene, chlorobenzene, isopropylbenzene, naphthalene, n-

propylbenzene, sec-butylbenzene, MTBE, and xylenes), semi volatile organic compounds (SVOCs) (primarily PAHs, including acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno [1,2,3-c,d] pyrene, naphthalene, and phenol; and metals, including arsenic, barium, beryllium, cadmium, total chromium, copper, lead, manganese, mercury, nickel, selenium, silver, and zinc) exceeding SCGs for soil and groundwater. Polychlorinated biphenyls (PCBs) exceeding SCGs was detected in one soil sample (RXSB-38). Contaminated soil was observed up to 30 feet and is not vertically delineated. PCBs were not detected above laboratory reporting limits in any groundwater samples. Per- and polyfluoroalkyl substances (PFAS) compounds were detected in groundwater. LNAPL was identified in several soil borings and as measurable free-product in temporary monitoring well RXSB-40 (approximately 1.40 feet). DNAPL (tar) was identified within several soil borings (RXSB-4, RXSB-6, RXSB-38, and RXSB-58, located on the southwest and southeast of the site) and as measurable free-product in MW-B1S (southeast corner of the site).

The NAPL samples from RXSB-40 and MW-B1S were run through a gas chromatograph and fingerprinted for a more specific characterization. The NAPL sample from RXSB-40 was characterized as a mixture of kerosene-range (C7-C17) and diesel fuel range (C10-C25) petroleum and the DNAPL (i.e., MGP tar) sample from MW-B1S was characterized "by an absence of unresolved complex mixture of hydrocarbons, and includes a prominent series of discrete chromatographic peaks recognized as monoaromatic hydrocarbons and unsubstituted (parent) 2- through 6-ring PAHs (Roux 2021)."

It remains unclear what the source of the tar observed impacts in the southern portion of the site is, and historic reports have attributed the contamination to both the Former Pratt site and the Former Williamsburg MGP site without resolution. A forensic analysis has been necessary to substantiate the source of petroleum and tar materials. There are recovery wells installed along North 12th Street to capture coal tar migrating north towards the Pratt Refinery Site; however, the presence of several tar tanks and coal trestles on historic Sanborn Fire Maps from 1887 suggests that tar may also have been present at the Former Pratt Refinery site (**Attachment A** – Certified Sanborn Map Reports). In addition, several spills and fires are known to have occurred between 1871 and 1910 at the Former Pratt Refinery which are suspected to have contributed to releases of products to the environment (GEI Consultants, Inc. 2024). The SC report (Roux 2021) states that the groundwater appears to flow to the north-northeast direction towards Bushwick Inlet and the East River. Groundwater depths at the site have ranged from 1 to 6 feet bgs and tidal influence has been observed at the adjacent Williamsburg MGP site with groundwater fluctuations of up to approximately 3 feet from high tide to low tide (Roux 2021).

<u>The Bushwick Inlet</u>

The Bushwick Inlet is located north of the upland area of Former Pratt Refinery Site. Petroleum and suspected MGP impacts have been observed in sediment and shoreline soil samples collected during a previous Site Investigation (SI) of Bushwick Inlet and its shoreline conducted in 2006 (Metcalf & Eddy of New York, Inc. [Metcalf & Eddy] 2006a). Cost to Cure Reports were prepared as part of this investigation for the New York City Department of Design and Construction

(NYCDDC) in preparation for developing the property as a park (Metcalf & Eddy 2007).

A total of 18 soil samples were collected from 8 soil borings, with depths ranging from 45 to 72 feet bgs, along the shoreline of Bushwick Inlet. Historic fill material along the shoreline was observed to be 11 to 19 feet thick mainly consisting of sand with gravel, brick, ash, and cinder fill; and the native soil extending from a depth of approximately 20 feet primarily consists of organic silt, sand, silts, and clayey-silt mixtures. Petroleum odor and contamination in soil borings were encountered generally from 5 to 27 feet bgs and up to 62 feet bgs. These were generally along the southern shoreline of Bushwick Inlet and adjacent to the northeast corner of the Former Pratt Refinery Site. VOCs consisting of isopropylbenzene, n-propylbenzene, tert-butylbenzene, se-butylbenzene, n-butylbenzene, and naphthalene, and SVOCs consisting predominantly of PAHs seem to indicate the result of historical releases from the Former Pratt Refinery and the Former MGP sites. Additionally, metals consisting of arsenic, cadmium, chromium, copper, mercury, lead, nickel, and zinc above background conditions were also detected in soil borings that is likely due to historical fill placed at the site. PCBs were detected at concentrations below soil SCGs. All soil cuttings and decontamination water generated during the field investigation were considered non-hazardous based on the Resource Conservation and Recovery Act (RCRA) hazardous waste characteristics including full Toxicity Characteristic Leaching Procedure (TCLP) analysis.

A total of 22 sediment samples were collected from 11 sediment borings at depths ranging from 35 to 54 feet below the mud line of Bushwick Inlet. The mudline was located at approximately 11 to 24 feet (depending upon the tides) below the deck of the drill rig mounted barge. The depth of the mud ranged from 10 to 26 feet thick, mainly consisting of black organic silt, clay, and sand. A layer of sandy silts and silty clays is present under the organic silty layers at a depth of 36 to 54 feet below the mudline, as shown in boring logs of the 2006 SI Report (Metcalf & Eddy 2006b). Petroleum odor and contamination were encountered generally from 4 to 22 feet below the mudline in borings located in eastern and western portions of the inlet. VOCs generally consisting of benzene, ethylbenzene, m&p-xylene, o-xylene, isopropylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, n-butylbenzene, and naphthalene, as well as SVOCs consisting of predominantly PAHs were detected in sediment samples. Additionally, metals consisting of arsenic, cadmium, chromium, copper, mercury, lead, nickel, selenium, and zinc above background conditions were also detected in sediment borings. PCBs were detected at concentrations below SCGs.

Similar to soil borings, the VOCs and SVOCs in Bushwick Inlet may be attributed to petroleum releases from the Former Pratt Refinery and the Former MGP sites. Furthermore, contamination in the inlet could also be attributed to historic fill, surface water runoff containing contaminants, and undocumented discharges entering the inlet.

The drill cuttings generated from the boring advanced within the inlet, and decontamination water generated during the field investigation, were considered non-hazardous based on the RCRA hazardous waste characteristics including full TCLP analysis.

The Former Williamsburg MGP

The Former Williamsburg MGP Site is identified as the Block 2287, Lots 1, 16, and 30, and is located hydraulically upgradient from the Pratt Refinery site. Residual contamination from this site is suspected to have migrated beneath the southeastern corner of Block 2277. Manufactured gas was produced at the site from 1864 to 1934 which yielded considerable amounts of tar waste that has impacted the site. Structures used for MGP operations were dismantled sometime prior to 1941 and the parcel was divided and subsequently used for a variety of operations including sheet metal production, garages, and warehouses.

An Interim Remedial Measure (IRM) was completed in Lot 1 in 2016 which consisted of in situ solidification and excavation from 8.5 to 30 feet bgs. Approximately 65,400 tons of MGP-impacted soils were removed, and leachable lead in the deep excavation area resulted in approximately 223 tons of hazardous soil removal (**Attachment A** – 2018 Construction Completion Report). However, it is important to note that blebs/globs, lenses, coatings, sheens, and tar/naptha odors indicating MGP contamination were observed up to 60-80 feet bgs (**Attachment A** - Plate 3, 2024 Draft Remedial Investigation Report) that remains on-site. The Construction Completion Report states that based on past investigation results and forensic analysis of selected sample analyses, the top approximately 5 feet of the subsurface was predominantly contaminated by petrogenic material with some pyrogenic material, from approximately 5 ft bgs to approximately 17 feet bgs there was a mix of pyrogenic and petrogenic material, and below 17 feet bgs were primarily pyrogenic.

An RI conducted by GEI Consultants, Inc. concluded that most observed NAPL-saturated soils are present southwest of the former oil separators, within the locations of the former tar and oil tanks. The report indicated that soil and fill with comingled impacts were observed at depths from ground surface to greater than 40 feet. NAPL (comingled tar and petroleum) soil was encountered from 4 to 60 feet bgs in Lots 16 and 30 (i.e., area outside of the IRM [Lot 1]). The RI indicates NAPL migrations to the north, east, and south.

Groundwater fluctuations during high tide and low tide based on historical data (2009, 2012, 2023, and 2024) have ranged from -1.42 feet to 9.5 feet North American Vertical Datum of 1988 (NAVD88), from west to east.

CitiStorage

The CitiStorage Site is identified as the Block 2294 tax parcel (Lots 1 and 5) and is south of both the Pratt Refinery Site and the Williamsburg MGP site. The parcel is located west of Kent Avenue between and including North 10th and North 12th Streets. The CitiStorage Site was recently occupied by two warehouses, constructed sometime in the late 1990s, that have limited the extent of previous environmental investigations. These warehouses have been demolished, and the parcel now lies empty except for the remnants of the building including a concrete slab on grade (thickness ranging approximately 1 to 5 feet). The topography of the Site is generally flat with a gentle west-northwesterly slope toward the East River. The parcel was previously occupied by the

Former Pratt Refinery as an oil storage facility and included a cooperage, barrel painting, storage, filing, mending, garage, machine shed, and oil tanks in 1916. Brooklyn Eastern District Terminal occupied the property from 1942-1996 with flour storage facilities and associated structures, as well as chemical storage and rail lines (Metcalf & Eddy 2006b). Historical investigations in the late 1990s, which include Preliminary Site Assessments encompassing this parcel, identified industrial operations in the area that included bulk oil storage, rubber manufacturing, food storage, locomotive maintenance, and rail yard operations. These investigations also reported an underground No.6 fuel oil pipeline located along Kent Avenue with 4 reported releases between North 5th Street and North 11th Street in the area in the past 10 years. The results of these investigations indicated fill materials of thickness from 6 to 14 feet, soil and groundwater contamination (VOCs, SVOCs, and metals), and the presence of organic vapors, staining, and/or a petroleum type odor at various locations in soil borings installed on North 10th Street.

An SI was performed in 2006 that included advancement of 28 soil borings (60 soil samples), 9 sediment borings (in East River), and installation of 13 monitoring wells at CitiStorage and the Former MGP Site. The results for soil borings indicated 9 to 42 feet of historical fill as well as extensive petroleum and coal tar contamination in soil extending to 31 feet bgs and to top of silty clay layer. The petroleum contamination was mostly encountered in fill (up to 30 ft) and visual MGP contamination was mostly encountered at approximately 5 to 50 feet bgs. In addition, free product was encountered at two monitoring wells installed within or downgradient of the estimated footprint for the former MGP gas holders located on-site. Soil, groundwater and sediment samples exceeded SCGs for VOCs, SVOCs, and metals. Cyanide, attributable to purifier waste generated from the former MGP operations, were detected in soil and groundwater samples. Waste generated at the Site was disposed of as non-hazardous waste.

FORENSICS EVALUATION

EA is requesting a forensic evaluation of tar and petroleum in different matrices (soil, sediment and groundwater) including hydrocarbon fingerprinting and PAH analysis on data collected in the Bushwick Inlet and at the three land parcels. When complete, the evaluation should answer the following:

1. Establish the “parent” chemical fingerprints for contamination observed at the three former facilities:

    a. Former Pratt Refinery [Block/Lot]
    b. Williamsburg MGP
    c. CitiStorage Sites [Formally part of Pratt Refinery]

2. Can contamination detected in the Bushwick Inlet be attributed to specific operations at any of the above listed sites?

3. Can contamination detected on the CitiStorage parcel be attributed to specific operations at any of the above listed sites?

EA will conduct the field work and ship samples to an analytical laboratory. EA will coordinate with a third-party data validation service to evaluate the analytical results and provide a Data Usability Summary Report. Samples are expected to be analyzed for an expanded list of PAHs (**Table 1**) using Method SW-846 8270E selected ion monitoring (SIM) (modified) and for fingerprinting using total petroleum hydrocarbons Method SW-846 8015D (modified), or by equivalent methods as proposed by the forensics consultant and discussed with the project team. Historical sampling locations are shown on various investigation documents in **Attachment A** and analyses performed on these samples include soil, sediment, and groundwater analyses for VOCs, SVOCs, cyanide, PCBs, and metals as well as visual observations for petroleum/MGP impacts. Historic investigations have suggested that contamination is likely comingled, and the chosen consultant will be expected to propose methods to determine contaminant source from a mixed plume. EA has provided the forensics consultant with background data to evaluate how robust the existing dataset is, and what additional data may be required to confidently attribute a source for the observed contamination.

The following tasks will be performed as part of the forensics evaluation:

1. Review background documents for each site including the 2021 SC Report for the Former Pratt Refinery site; the 2015 and 2024 Draft RI Reports; Appendix D of the 2024 Draft RI Report (Analysis of Available Data to Track Sources of Contamination) which includes historic Sanborn maps for all parcels; the 2018 Construction Completion Report for the Former Williamsburg MGP site; the 2006 SI Report for the CitiStorage and the Former MGP sites; and the 2006 SI and 2007 Cost To Cure Reports for the Bushwick Inlet. A link to these documents will be shared with all bidders to allow for assessment of their level of effort for review.

2. Prepare a forensic evaluation workplan. The workplan shall include the proposed sampling and analytical design as well as all tasks the consultant plans to execute for the forensic evaluation. At a minimum, the plan shall include proposed media to be sampled, sampling locations and intervals, number of samples, analytical methods, and forensic evaluation techniques. The bid price for this report should include one to two 1-hour-long Teams meetings to present consultant's approach (not included in Bid item #5). The consultant's forensic evaluation plan will be used to develop EA's Sampling and Analysis Plan (SAP).

3. Review and provide input on EA's draft SAP for forensics sampling.

4. Preparation of a forensics technical report (draft for EA review, draft [client review] and final including responses to comments on each version of the report). The report should provide detailed description of the methodology and results of the forensics evaluation as well as conclusions regarding the sources of petroleum and tar materials in the parcels of interest. The bid price for this report should include three 1-hour-long Teams meetings to present progress on data evaluation (not included in Bid item #5).

5. Consultant participation in Teams meetings to discuss project progress (estimated 16 hours).

6. Assist with laboratory coordination for the forensic analysis of the collected samples.

The evaluation is expected to include the comparison of diagnostic ratios (e.g., radar plots) for individual PAHs (e.g., as described in Ghetu et al. 2021 and Mali et al. 2022), comparisons of the background mass and peaks in total petroleum hydrocarbon chromatograms, and multivariate statistical analyses. The bidder is encouraged to propose data evaluation methods appropriate to best achieve project objectives based on professional experience.

To facilitate the technical evaluation of the consultant's proposal, bidders shall submit the following documentation:

(a) Statement of qualifications that includes a list of similar projects performed by the bidder in the last 5 years. The list shall include a brief description of the project, location, and duration of the project. A contact that may discuss the bidder's performance on that project may also be included.

(b) Staffing, including resumes of personnel to be assigned to perform the described statement of work.

(c) Provide 2-3 relevant examples of forensics experience and references to any relevant published papers authored by proposed personnel.

(d) Quality assurance/quality control measures (internal report review process).

(e) A brief technical writeup describing the proposed approach, methodology, and proposed analytical testing for a forensics evaluation. For the purposes of bid solicitation, bidders may assume that up to 124 samples will be collected as part of this investigation.

REPORTING REQUIREMENTS

The forensics consultant shall provide EA with a complete summary forensics report in pre-draft, draft, and final versions. The consultant's quality control efforts shall ensure that all reports are complete documents that have been evaluated for technical accuracy and consistency with the project objectives, and that they have been thoroughly copy-edited for consistency, organization, grammar, spelling, and punctuation. Reports not displaying such efforts will not be accepted. If revisions are necessary based on EA review, EA will forward comments to the consultant within 15 calendar days of receipt.

PROJECT SCHEDULE

It is expected that the forensic evaluation will begin in April 2025.

COSTS

The completed bid sheet and signed conflict of interest in **Attachment B** should be returned **at your earliest convenience by 18 March 2025.** Any questions should be remitted to Kritika Thapa via email. No alterations to the bid sheet are permitted. **Pricing should include all applicable taxes.** EA's requirements for the selected bidder, including standard terms and conditions, are attached as **Attachment C**.

Contact Information

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Metcalf & Eddy of New York, Inc. 2006a. *Site Investigation Report: Motiva Enterprises LLC/Bushwick Creek Inlet, Kent Avenue Between South Shoreline of Bushwick Creek and Quay Street Block 2590, Lot 25 & 100, Brooklyn, New York.* November.

———. 2006b. *Site Investigation Report: Property West of Kent Avenue Between and Including North 10th and 12th Streets Block 2287 Lot 1, 16, & 30, Block 2294, Lot 1 and 5 Brooklyn, New York.* November.

———. 2007. *Cost To Cure Report Park Land: Motiva Enterprises LLC/Bushwick Creek Inlet, Kent Avenue Between South Shoreline of Bushwick Creek and Quay Street Block 2590, Lot 25 & 100, Brooklyn, New York*. August.

Figures and Tables

Figure 1. Site Location with Historical Property Owners

Figure 2. Site Location with Historical Structures

Table 1. Expanded List of PAHs

Attachments

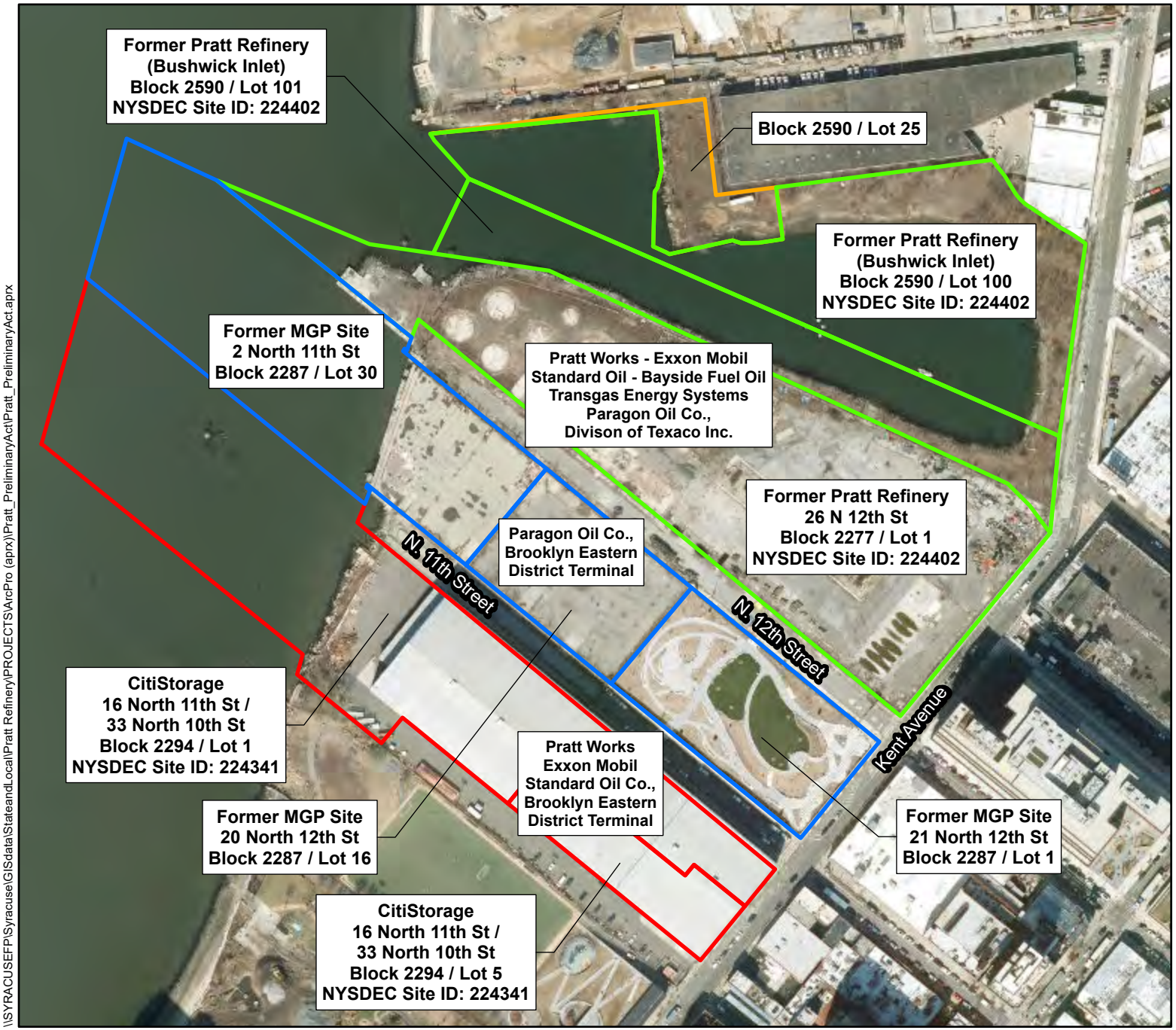
Attachment A. Supporting Documents for Forensic Evaluation

Attachment B. Bid Sheet and Conflict of Interest (*must be filled out and returned*) and Potentially Responsible Parties

Attachment C. Requirements of Selected Bidder (*for review/reference if selected*)

- Summary of Requirements
- Professional Services Agreement Terms and Conditions
- Standard Clauses for NYS Contracts
- EA Substitute W-9

Figures





Legend

- CitiStorage
- Former Pratt Refinery
- Former MGP Site
- Adjacent Parcel

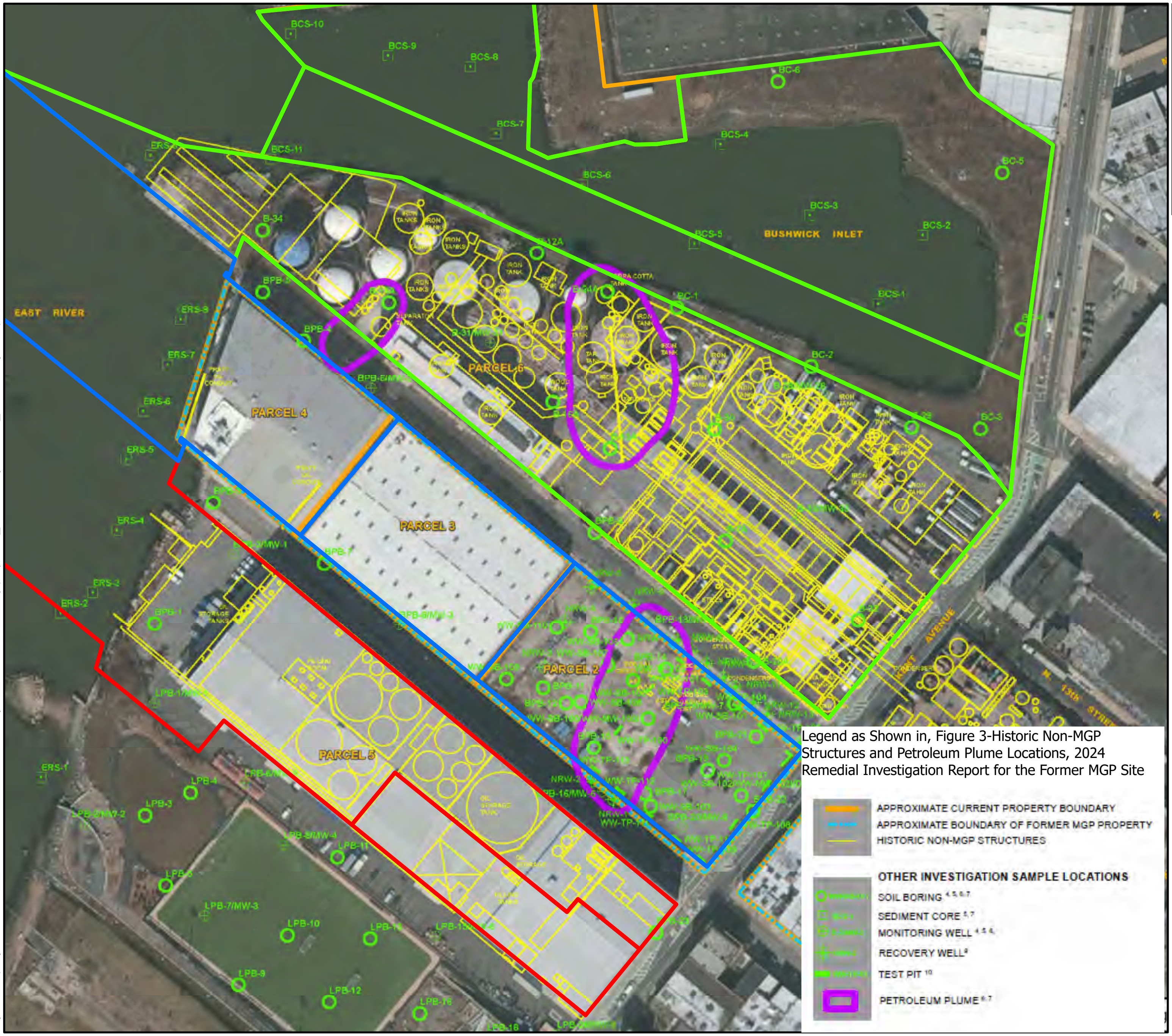
0 150 300
Feet

N

Map Date: 1/21/2025
Projection: NAD83 State Plane New York Long Island (feet)

Figure 1
SITE LOCATION WITH HISTORICAL PROPERTY OWNERS
Pratt Refinery (224402),
CitiStorage (224341)
Brooklyn, New York

\\SYRACUSEFP\Syracuse\GISdata\StateandLocal\Pratt Refinery\PROJECTS\ArcPro (aprx)\Pratt_PreliminaryAct\Pratt_PreliminaryAct.aprx





Legend

- CitiStorage
- Former Pratt Refinery
- Former MGP Site
- Adjacent Parcel

0 150 300
Feet

N

Map Date: 2/25/2025
Projection: NAD83 State Plane New York Long Island (feet)

NEW YORK STATE | Department of Environmental Conservation

Figure 2
SITE LOCATION WITH HISTORICAL STRUCTURES
Pratt Refinery (224402),
CitiStorage (224341)
Brooklyn, New York

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Tables

Table 1. Expanded List of PAHs

PAHs	CASRN
Naphthalene	91-20-3
C1-Naphthalenes	91-20-3C1
C2-Naphthalenes	91-20-3C2
C3-Naphthalenes	91-20-3C3
C4-Naphthalenes	91-20-3C4
2-Methylnaphthalene	91-57-6
1-Methylnaphthalene	90-12-0
Biphenyl	92-52-4
2,6-Dimethylnaphthalene	581-42-0
Dibenzofuran	132-64-9
Acenaphthylene	208-96-8
Acenaphthene	83-32-9
2,3,5-Trimethylnaphthalene	2245-38-7
Fluorene	86-73-7
C1-Fluorenes	86-73-7C1
C2-Fluorenes	86-73-7C2
C3-Fluorenes	86-73-7C3
Dibenzothiophene	132-65-0
C1-Dibenzothiophenes	132-65-0C1
C2-Dibenzothiophenes	132-65-0C2
C3-Dibenzothiophenes	132-65-0C3
C4-Dibenzothiophenes	132-65-0C4
Phenanthrene	85-01-8
C1-Phenanthrenes/Anthracenes	PHENANTHC1
C2-Phenanthrenes/Anthracenes	PHENANTHC2
C3-Phenanthrenes/Anthracenes	PHENANTHC3
C4-Phenanthrenes/Anthracenes	PHENANTHC4
Retene	483-65-8
Anthracene	120-12-7
Fluoranthene	206-44-0
Pyrene	129-00-0
C1-Fluoranthenes/Pyrenes	FLUORPYRC1
C2-Fluoranthenes/Pyrenes	FLUORPYRC2
C3-Fluoranthenes/Pyrenes	FLUORPYRC3
C4-Fluoranthenes/Pyrenes	FLUORPYRC4
Benz(a)anthracene	56-55-3
Chrysene/Triphenylene	218-01-9/217-59-4
C1-Chrysenes	218-01-9C1

PAHs	CASRN
C2-Chrysenes	218-01-9C2
C3-Chrysenes	218-01-9C3
C4-Chrysenes	218-01-9C4
Benzo(b)fluoranthene	205-99-2
Benzo(j)+(k)fluoranthene	205-82-3/207-08-9
Benzo(e)Pyrene	192-97-2
Benzo(a)pyrene	50-32-8
Perylene	198-55-0
Indeno(1,2,3-cd)Pyrene	193-39-5
Dibenz(a,h)+(a,c)anthracene	215-58-7/53-70-3
Benzo(ghi)perylene	191-24-2

Attachment A

Supporting Documents for Forensic Evaluation

Attachment B

Bid Sheet and Conflict of Interest

Bid Summary Sheet - EA Engineering and Geology, P.C., and its Affiliate EA Science and Technology

Client:	New York State Department of Environmental Conservation	**Date:**	3/4/2025
Project Name:	Former Pratt Refinery [Land & Water] and CitiStorage Sites	**Project Manager:**	Kritika Thapa
Project Number:	1602540 [Land & Water] and 1602541		

Company Name:	
Address:	
Email Address:	
Point of Contact:	
Phone Number:	
Date Quote Received:	
Subcontract Type:	
Bus. Size:	

Item No.	Description	Unit of Measure	CitiStorage B2294/L1 & 5 B2287/L16 & 30 Estimated Quantity	Pratt (Land Work) B2277/L1 Estimated Quantity	Pratt (Water Work) B2590/L100 & L101 Estimated Quantity	Total Estimated Quantity	Unit Price	Extended Total: CitiStorage Extended Total	Extended Total: Pratt (Land Work) Extended Total	Extended Total: Pratt (Water Work) Extended Total
1	Background Data Review	Lump Sum	0.50	0.25	0.25	1		$ -	$ -	$ -
2	Forensic Evaluation Workplan	Lump Sum	0.50	0.25	0.25	1		$ -	$ -	$ -
3	Sampling, Analysis, and QA/QC Plans	Lump Sum	0.50	0.25	0.25	1		$ -	$ -	$ -
4	Forensics Technical Report	Lump Sum	0.50	0.25	0.25	1		$ -	$ -	$ -
5	Senior Forensics Support for Meetings	Hourly	8	4	4	16		$ -	$ -	$ -
6	Laboratory Coordination	Hourly	2	1	1	4		$ -	$ -	$ -
	TOTAL COST CITI STORAGE(16025-41):							$ -		
	PRATT BREAKDOWN 16025-40) (LAND):								$ -	
	PRATT BREAKDOWN 16025-40 (WATER):									$ -
	TOTAL COST PRATT (16025-40):								$ -	
	TOTAL COST PRATT AND CITISTORAGE (16025-40 AND 16025-41):							$ -		

Note: Pricing shall include all applicable taxes and fees. No modifacations to the bid sheet permitted.

Signature & Date:	

Conflict of Interest Certification

The undersigned representing _____
(name of Firm)

Hereby certifies for the Former Pratt Refinery (1602540-Land &Water) & CitiStorage (1602541)/
(name of Project/Work Assignment)

1. That I have been informed by the New York State Department of Environmental Conservation who the known potentially responsible parties are for the subject site, and

2. That to the best of my knowledge, _____ (name of Firm) and the employees of the firm to be assigned to this project have no conflict of interest with the work proposed at the site, and

3. That _____(name of Firm) presently has no contracts with, nor imminent prospects of contracts with, potentially responsible parties associated with the above-named site, and

4. That _____ (name of Firm) has no responsibilities to potentially responsible parties associated with the above-named site.

Certified By:

_____
Name

_____
Signature

_____
Firm

_____
Date

Bushwick Inlet Work Assignment

Region 2

Kings County

Conflict of Interest

I. Past Owners/Operators

- Charles Pratt (1868-1871)
- Charles Pratt Manufacturing Co., Charles Pratt and Co., Pratt Manufacturing Co. (1871-1892)
- Exxon Mobil Corporation (1892-1951)
    i. Attn: Craig Morford, V.P. and General Counsel
    5959 Las Colinas Blvd
    Irving, TX 75039-2298
- Chevron Corporation (1951-1997)
    i. Attn: R. Hewitt Pate, V.P. and General Counsel
    6001 Bolinger Canyon Road
    San Ramon, CA 94583
- Saudi Armco/Saudi Refining (1988-1997)
    i. Attn: Bobby J Horton, Assoc General Counsel
    1200 Smith Street
    Houston, TX 77002
- Sunoco LP (f/k/a Sun Company, Inc.) (1992-1997)
    i. Attn: Thomas E. Long, Co-Executive Officer
    8111 Westchester Drive
    Dallas, TX 75225
- North 12th Street Properties LLC Bayside Fuel Oil Depot Corp. (1997-2016)
    i. Sergio Allegretti
    177 Shore Parkway
    Brooklyn, NY 11214-6598
- Motiva Enterprises LLC (1998-2014)
    i. Attn: Brian Coffman, President/CEO Allan Center
    500 Dallas St., 9th Floor
    Houston, TX 77002
- City of New York (2016-present)
    i. Attn: Alice R. Baker, Senior Counsel Environmental Division
    New York City Law Department
    100 Church Street
    New York, NY 10007

Attachment C

Requirements of Selected Bidder

Requirements of Selected Bidder (updated 2/21/25)

Document	Requirements	
EA's Standard Terms & Conditions	• Bidders are requested to agree with EA's terms and conditions ***without changes***.	
Prime Contract Standard Clauses for NYS Contracts	• Specific clauses from EA's contract with NYSDEC will become part of the subcontract. • Subcontractor must sign on last page	
EA Substitute W-9	• EA's Substitute W-9 form must be filled out and signed	
Certificate of Insurance	• Proof of insurance is required at the limits indicated in EA's Standard T&Cs. • Please refer to the table below for information on the certificate holder, additional insured, and waiver of subrogation. • Project-specific details are NOT needed on the insurance certificate(s).	
NYS Disability Form DB-120.1 NYS Workers Compensation Form C-105.2	• These forms must be filled out and signed. • The certificate holder must be EA Engineering and Geology, P.C. and EA Science and Technology.	*Note:* For work that may not physically be performed in New York (e.g. lab analysis or data validation) the subcontractor may submit a "Certificate of Attestation of Exemption from New York State Workers' Compensation and/or Disability and Paid Family Leave Benefits Insurance Coverage" in lieu of these forms.
Vendor Responsibility Questionnaire	• Only if subcontract value is over $100,000 o The full questionnaire must be completed and signed within the past 6 months o Attachments referenced in the questionnaire responses must be provided to EA	
MWBE/SDVOB (*if applicable*)	• Provide documentation for: Minority Owned Business Enterprise; Women Owned Business Enterprise; or Service-Disabled Veteran-Owned Business	

Certificate Holder	Required Proof of Insurance *(at limits indicated in T&Cs)*	Additional Insured *(see list of entities below)*	Waiver of Subrogation *(see list of entities below)*
EA Engineering and Geology, P.C. and EA Science and Technology 333 West Washington St. Suite 300 Syracuse, NY 13202	General Liability	**Yes**	**Yes**
	Auto Liability	**Yes**	**Yes**
	Excess/Umbrella Liability	**Yes**	**Yes**
	Workers Compensation	n/a	**Yes**
	NYS Disability	n/a	n/a
	Professional Liability	n/a	**Yes**
	Pollution Liability	**Yes**	**Yes**

Entities for additional insured and waiver of subrogation
• EA Engineering and Geology, P.C. • EA Science and Technology • The State of New York • New York State Department of Environmental Conservation

Professional Services Agreement Terms and Conditions

EA as used herein means **EA Engineering, Science, and Technology, Inc., PBC, as well as its corporate subsidiaries and affiliates and includes their respective directors, officers, employees, agents and assigns.**

Subconsultant as used herein means the other party to this agreement, an independent entity and not an agent of EA or its subsidiaries, and includes its directors, officers, employees, agents and assigns and any of its subcontractors and suppliers at any tier and their respective directors, officers, employees, agents and assigns.

Client(s) as used herein means EA's Client(s).

WHEREAS, EA provides an extensive range of consulting, engineering, scientific, and analytical services to its Clients; and

WHEREAS, EA desires to engage Subconsultant to assist EA in providing services to the Client;

NOW, THEREFORE, for good and valuable consideration, Subconsultant agrees to provide the materials and/or services described herein, and EA agrees to accept and pay for such materials and/or services, all in accordance with the terms and conditions of this **PROFESSIONAL SERVICES AGREEMENT** (the **"Agreement").**

1. Subconsultant shall furnish all personnel, materials, equipment and facilities necessary to provide the services identified on the face of this Agreement. All equipment, material supplies, property, or documents furnished by Subconsultant, or purchased from funds advanced or reimbursed by EA under this Agreement shall be work performed for hire and become the sole property of EA or Client.

2. Time is of the essence. All work shall be performed entirely under Subconsultant's supervision, direction and control and shall be done in accordance with EA's specifications in a thorough, workmanlike manner, by the proper amount of experienced, skill, and licensed personnel. All personnel shall be properly qualified by education and/or experience to perform their assigned tasks subject to reasonable acceptance by EA. Nonacceptance by EA will be construed as a failure of Subconsultant to perform. To the extent professional services are rendered, Subconsultant shall conform to the standard of care, skill, and diligence exercised by other similar professionals performing the same or similar services.

3. If within 1 year from completion and acceptance (unless EA specifications or equipment guarantees provide for a longer period of time), any materials furnished or services performed by Subconsultant are, in EA's reasonable opinion, defective, Subconsultant will re-perform the services and/or replace or repair any materials at no cost to EA. Subconsultant agrees to transfer all materials or other guarantees to Client upon request. If Subconsultant fails to begin remedial work within 5 days of demand from EA or Client, and to complete such work within a reasonable time, EA or Client shall have the right to engage the services of another Subconsultant to perform the work/services and Subconsultant agrees to pay EA or Client for all associated costs and/or increases in the cost of the work.

4. All or part of this Agreement may be terminated at EA's convenience. Subconsultant will be entitled to compensation for services satisfactorily performed up to the termination date and reasonable termination expenses, as may be determined in EA's sole discretion, but in no event shall Subconsultant be entitled to compensation for lost revenue or profit.

   EA may terminate this Agreement, or any part thereof, for default if, in EA's opinion, Subconsultant: (i) ceases to work/provide services; (ii) fails to perform so as to endanger satisfactory and timely performance of the Agreement; (iii) fails to comply with any provision of this Agreement; (iv) or, is financially, legally or otherwise unable to complete the work and does not remedy such default to EA's satisfaction within a period of five (5) days after written notice from EA.

   Subsequent determination that Subconsultant was either not in default or that the default was excusable will be treated as termination for convenience.

   Regardless of the cause of termination, Subconsultant shall deliver to EA all completed or partially completed work products required under this Agreement. The rights and remedies of EA provided herein are not exclusive and are in addition to any other rights available to EA as a matter of law or equity.

5. EA reserves the right to audit the records of Subconsultant insofar as they apply to work performed on any basis other than a fixed-price basis.

6. Subconsultant agrees to abide by its own internal Health and Safety Plan as well as by EA's Health and Safety Plan and policies, to include all applicable EA Client Health and Safety Policies and Plans. Failure to comply with any of the above Health and Safety Plans or Policies is cause for immediate termination for default. Subconsultant shall comply with all applicable laws, rules, regulations and ordinances including, without limiting the generality of the foregoing, those relating to its relationships with its employees and lower tier subcontractors as well as those relating to the environment, toxic or hazardous materials, occupation health and safety, and EA's safety regulations. Subconsultant is required to obtain and maintain all permits, licenses and approvals necessary or requested by EA for the performance of this Agreement. If this Agreement calls for the transfer to EA by Subconsultant of any chemical substance or any hazardous agent, Subconsultant shall provide prior to or simultaneously with said transfer a material safety data sheet (OSHA Form 20 or equivalent) and label which are current, accurate and complete, including but not limited to a statement of product hazards and precautions for safe use. Any safety and health requirements specified by EA shall not release Subconsultant from developing safety and health programs and procedures necessary to control hazardous conditions or operations unique to the work assignment.

7. The Subconsultant shall advise all its employees and the employees of its lower tier subcontractors and agents that: (1) it is the

policy of EA that the use, possession, sale, transfer, or purchase of illegal drugs on EA or Client property is prohibited; (2) entry onto EA or Client property constitutes consent to an inspection of the employee and his or her personal effects at any time; (3) anyone found in violation of this policy or who refuses to permit inspection may be removed and barred from EA or Client property at the sole discretion of EA or Client.

8. The Subconsultant accepts full and exclusive liability for all contributions and taxes for unemployment insurance, old age and retirement benefits, annuities or pensions now or hereafter imposed by the United States or any state or governmental subdivision thereof, measured by the wages, salaries or other remuneration paid to Subconsultant's employees. Subconsultant shall comply with all rules and regulations applicable thereto; and reimburse or allow EA to deduct any amount charged to and/or paid by EA from any sums due Subconsultant if EA is held liable to pay any such tax or contributions. Subconsultant accepts full and exclusive liability for the payment of all sales taxes, including but not limited to all state taxes on the sales of goods and/or services and contributions. Notwithstanding anything to the contrary in Subconsultant's proposal, quote, bid, or any other documentation, Subconsultant affirms that the prices paid pursuant to this agreement are tax inclusive and that Subconsultant shall properly pay all such taxes to the appropriate state or local agency.

9. To the maximum extent permitted by State Law, Subconsultant shall keep EA's and Client's and/or Owner's property, premises, and delivered material free of liens, claims, encumbrances, and charges. If requested by EA, and as a condition of payment to Subconsultant, Subconsultant shall execute and deliver to EA an affidavit stating the Subconsultant has paid in full for all labor, materials, rental of equipment, transportation and all other charges in connection with work performed under this Agreement. All mechanics and material suppliers' liens, both of Subconsultant and of all lower tier subcontractors and material suppliers, are hereby waived. If requested by EA, and as a condition of payment to Subconsultant, Subconsultant shall procure and deliver to EA statements and waivers of lien (including partial waivers of lien) from all lower tier subcontractors and material suppliers.

10. Subconsultant and its officers, directors, agents, servants, lower tier subcontractors, employees, material suppliers and insurers agree to release, defend, protect, indemnify and hold EA harmless from and against any and all claims, losses, liens, liabilities, settlements, judgments, fines, penalties, demands and causes of action of any kind (hereafter "Claims") however caused, and the costs thereof, including without limitation, damage to or loss of property and injury, illness or death of person(s), arising out of or in any way connected with Subconsultant's negligent or alleged negligent performance or failure of performance under this Agreement, whether or not the Claim in question is based on any actual or alleged negligence (active, passive, joint or concurrent) of EA or on any actual or alleged strict liability or breach of warranty (express, implied or otherwise) or any other legal fault of EA, except for third party Claims which have been determined by final nonappealable judgment to have arisen from the sole negligence or sole willful misconduct of EA.

11. With respect to operations performed under or incident to this Agreement, Subconsultant further agrees to obtain and maintain insurance acceptable to EA. Such insurance shall include:

    a. Comprehensive general liability insurance with a minimum combined single liability limit of $2,000,000 each occurrence (or the equivalent) for bodily injury and property damage, including coverage for personal injury, Subconsultant's contingent liability, premises operations, contractual liability, products and completed operations, and, shall include the hazards of explosion, collapse and underground property damage; and,

    b. Comprehensive automobile liability insurance covering all owned, hired and otherwise operated non-owned vehicles with a minimum combined single limit of $1,000,000 each occurrence (or the equivalent) for bodily injury and property damage; and,
    c. Pollution and/or Professional liability insurance as required by Client; and
    d. (i). Workers compensation insurance as required by law, for all states of operation; and
    (ii). Employers' liability insurance with a minimum limit of $1,000,000 each occurrence.

    e. Excess Liability as required by Client.

    Any deductibles are Subconsultant's sole responsibility. EA shall retain the right to require Subconsultant to change the limits of the foregoing insurance coverages at EA's expense. The insurance requirements above do not limit Subconsultant's liability under this Agreement.

    The insurance provisions of this Agreement shall be required of all Subconsultant's lower tier subcontractors and their lower tier subcontractors. Subconsultant agrees to release, defend, protect, indemnify, and hold EA and Client free and harmless from and against any and all Claims howsoever caused, and the costs thereof, that might arise from Subconsultant's failure to enforce this requirement on its lower tier subcontractors and their lower tier subcontractors.

    Before commencing any work under this Agreement, Subconsultant shall furnish EA with policies or certificates of insurance acceptable to EA which specifically provide that: (1) the coverage will not be canceled or materially changed except upon thirty (30) days advance written notice to EA; (2) subrogation against EA and Client shall be waived under all of the insurance policies set forth above, including all policies of any lower tier subcontractors; (3) all policies are primary to any other existing, valid and collectible insurance carried by EA or Client; and (4) except for Workers Compensation, Employer's and Professional Liability insurance coverages, EA and Client are additional insureds under ISO form # 20 10 11 85 or its equivalent and include a cross liability (severability of interest) clause.

    Subconsultant shall be solely responsible for the investigation and defense of any and all Claims against EA filed by or on behalf of any of Subconsultant's employees.

12. The Subconsultant agrees to release, protect, defend, indemnify and hold EA free and harmless from and against any and all

claims, losses, liabilities, demands, actions and causes of action of all kinds by reason of any actual or alleged improper use or infringement of any patent, copyright, trademark, trade name, or proprietary right of any third party arising out of any work done by Subconsultant pursuant to this Agreement or the manufacture, possession, use or sale of any material supplied pursuant to this Agreement.

13. Unless otherwise stated herein, payment shall be due when all work related to an invoice has been, in EA's sole discretion, completed and accepted. EA will include approved Subconsultant charges on its next monthly invoice to Client. EA will pay Subconsultant for approved work only after EA has received payment from its Client. EA may retain the greater of 10% of the approved invoice amount or the retainage amount required by the Contract between EA and Client. If any claim or demand is made against EA or Client property arising from Subconsultant's activities, EA may withhold any sum due until EA is satisfied that the claim or demand has been released or, at EA's discretion, is adequately secured.

14. Any delays or failures of performance of either party shall not constitute default or give rise to any claim for damages if and to the extent caused by or resulting from acts of God, earthquake, fire, explosion, flood, the elements, strikes, lockouts, boycotts, picketing, labor disturbances or differences with workers, acts of the public enemy, war, rebellion, riots, acts of the government (federal, state or municipal) or any cause whatsoever beyond the control of the party in default, but performance hereunder shall be resumed with all dispatch as soon as the cause preventing performance has been removed.

15. Subconsultant agrees to sign EA's or Client's confidentiality agreement. If no confidentiality agreement is required, Subconsultant shall, nonetheless, not disclose any information and shall not issue any news releases, advisements, publications, papers, or marketing materials concerning any aspect of the EA's project, the work, or contractual documents without the prior express written approval of EA's authorized representative.

16. Failure of EA to require strict performance hereunder by Subconsultant, or by any other entity whether or not related to Subconsultant, or any course of dealing or performance between the parties hereto, shall not be considered a waiver by EA of any terms or conditions of this Agreement. No waiver by EA of any of the terms, provisions or conditions hereof shall be effective unless in writing and executed by EA's authorized representative. No such waiver by EA, shall operate as a waiver of any other provisions of this Agreement or of the same provision on a future occasion.

17. In the event of any conflict between any term or condition of this Agreement and any term or condition of any attachment to this Agreement, the term or condition of this Agreement shall prevail over the term or condition of any attachment.

18. Subconsultant shall not assign or sublet any right or obligation hereunder without EA's prior written consent.

19. This Agreement contains the entire agreement of the parties. It may not be modified or terminated orally, and no claimed modification, termination, or waiver shall be binding on EA unless in writing and signed by EA's authorized representative. Any modification to these terms and conditions without the express written approval of EA shall be null and void. In no event will the terms or conditions of any purchase order, work order or any other document provided by Subconsultant modify or amend this Agreement, even if it is signed by EA, unless EA signs a written statement expressly indicating that such terms or conditions supersede the terms or conditions of this Agreement.

20. The terms and conditions of this Agreement shall be construed and governed by the laws of the State of Maryland.

STANDARD CLAUSES FOR NYS CONTRACTS

The parties to the attached contract, license, lease, amendment or other agreement of any kind (hereinafter, "the contract" or "this contract") agree to be bound by the following clauses which are hereby made a part of the contract (the word "Contractor" herein refers to any party other than the State, whether a contractor, licenser, licensee, lessor, lessee or any other party):

1. EXECUTORY CLAUSE. In accordance with Section 41 of the State Finance Law, the State shall have no liability under this contract to the Contractor or to anyone else beyond funds appropriated and available for this contract.

2. NON-ASSIGNMENT CLAUSE. In accordance with Section 138 of the State Finance Law, this contract may not be assigned by the Contractor or its right, title or interest therein assigned, transferred, conveyed, sublet or otherwise disposed of without the State's previous written consent, and attempts to do so are null and void. Notwithstanding the foregoing, such prior written consent of an assignment of a contract let pursuant to Article XI of the State Finance Law may be waived at the discretion of the contracting agency and with the concurrence of the State Comptroller where the original contract was subject to the State Comptroller's approval, where the assignment is due to a reorganization, merger or consolidation of the Contractor's business entity or enterprise. The State retains its right to approve an assignment and to require that any Contractor demonstrate its responsibility to do business with the State. The Contractor may, however, assign its right to receive payments without the State's prior written consent unless this contract concerns Certificates of Participation pursuant to Article 5-A of the State Finance Law.

3. COMPTROLLER'S APPROVAL. In accordance with Section 112 of the State Finance Law (or, if this contract is with the State University or City University of New York, Section 355 or Section 6218 of the Education Law), if this contract exceeds $50,000 (or the minimum thresholds agreed to by the Office of the State Comptroller for certain S.U.N.Y. and C.U.N.Y. contracts), or if this is an amendment for any amount to a contract which, as so amended, exceeds said statutory amount, or if, by this contract, the State agrees to give something other than money when the value or reasonably estimated value of such consideration exceeds $10,000, it shall not be valid, effective or binding upon the State until it has been approved by the State Comptroller and filed in his office. Comptroller's approval of contracts let by the Office of General Services is required when such contracts exceed $85,000 (State Finance Law Section 163.6-a). However, such pre-approval shall not be required for any contract established as a centralized contract through the Office of General Services or for a purchase order or other transaction issued under such centralized contract.

4. WORKERS' COMPENSATION BENEFITS. In accordance with Section 142 of the State Finance Law, this contract shall be void and of no force and effect unless the Contractor shall provide and maintain coverage during the life of this contract for the benefit of such employees as are required to be covered by the provisions of the Workers' Compensation Law.

5. NON-DISCRIMINATION REQUIREMENTS. To the extent required by Article 15 of the Executive Law (also known as the Human Rights Law) and all other State and Federal statutory and constitutional non-discrimination provisions, the Contractor will not discriminate against any employee or applicant for employment because of race, creed, color, sex (including gender identity or expression), national origin, sexual orientation, military status, age, disability, predisposing genetic characteristics, marital status or domestic violence victim status. Furthermore, in accordance with Section 220-e of the Labor Law, if this is a contract for the construction, alteration or repair of any public building or public work or for the manufacture, sale or distribution of materials, equipment or supplies, and to the extent that this contract shall be performed within the State of New York, Contractor agrees that neither it nor its subcontractors shall, by reason of race, creed, color, disability, sex, or national origin: (a) discriminate in hiring against any New York State citizen who is qualified and available to perform the work; or (b) discriminate against or intimidate any employee hired for the performance of work under this contract. If this is a building service contract as defined in Section 230 of the Labor Law, then, in accordance with Section 239 thereof, Contractor agrees that neither it nor its subcontractors shall by reason of race, creed, color, national origin, age, sex or disability: (a) discriminate in hiring against any New York State citizen who is qualified and available to perform the work; or (b) discriminate against or intimidate any employee hired for the performance of work under this contract. Contractor is subject to fines of $50.00 per person per day for any violation of Section 220-e or Section 239 as well as possible termination of this contract and forfeiture of all moneys due hereunder for a second or subsequent violation.

6. WAGE AND HOURS PROVISIONS. If this is a public work contract covered by Article 8 of the Labor Law or a building service contract covered by Article 9 thereof, neither Contractor's employees nor the employees of its subcontractors may be required or permitted to work more than the number of hours or days stated in said statutes, except as otherwise provided in the Labor Law and as set forth in prevailing wage and supplement schedules issued by the State Labor Department. Furthermore, Contractor and its subcontractors must pay at least the prevailing wage rate and pay or provide the prevailing supplements, including the premium rates for overtime pay, as determined by the State Labor Department in accordance with the Labor Law. Additionally, effective April 28, 2008, if this is a public work contract covered by Article 8 of the Labor Law, the Contractor understands and agrees that the filing of payrolls in a manner consistent with Subdivision 3-a of Section 220 of the Labor Law shall be a condition precedent to payment by the State of

any State approved sums due and owing for work done upon the project.

7. NON-COLLUSIVE BIDDING CERTIFICATION. In accordance with Section 139-d of the State Finance Law, if this contract was awarded based upon the submission of bids, Contractor affirms, under penalty of perjury, that its bid was arrived at independently and without collusion aimed at restricting competition. Contractor further affirms that, at the time Contractor submitted its bid, an authorized and responsible person executed and delivered to the State a non-collusive bidding certification on Contractor's behalf.

8. INTERNATIONAL BOYCOTT PROHIBITION. In accordance with Section 220-f of the Labor Law and Section 139-h of the State Finance Law, if this contract exceeds $5,000, the Contractor agrees, as a material condition of the contract, that neither the Contractor nor any substantially owned or affiliated person, firm, partnership or corporation has participated, is participating, or shall participate in an international boycott in violation of the federal Export Administration Act of 1979 (50 USC App. Sections 2401 et seq.) or regulations thereunder. If such Contractor, or any of the aforesaid affiliates of Contractor, is convicted or is otherwise found to have violated said laws or regulations upon the final determination of the United States Commerce Department or any other appropriate agency of the United States subsequent to the contract's execution, such contract, amendment or modification thereto shall be rendered forfeit and void. The Contractor shall so notify the State Comptroller within five (5) business days of such conviction, determination or disposition of appeal (2NYCRR 105.4).

9. SET-OFF RIGHTS. The State shall have all of its common law, equitable and statutory rights of set-off. These rights shall include, but not be limited to, the State's option to withhold for the purposes of set-off any moneys due to the Contractor under this contract up to any amounts due and owing to the State with regard to this contract, any other contract with any State department or agency, including any contract for a term commencing prior to the term of this contract, plus any amounts due and owing to the State for any other reason including, without limitation, tax delinquencies, fee delinquencies or monetary penalties relative thereto. The State shall exercise its set-off rights in accordance with normal State practices including, in cases of set-off pursuant to an audit, the finalization of such audit by the State agency, its representatives, or the State Comptroller.

10. RECORDS. The Contractor shall establish and maintain complete and accurate books, records, documents, accounts and other evidence directly pertinent to performance under this contract (hereinafter, collectively, "the Records"). The Records must be kept for the balance of the calendar year in which they were made and for six (6) additional years thereafter. The State Comptroller, the Attorney General and any other person or entity authorized to conduct an examination, as well as the agency or agencies involved in this contract, shall have access to the Records during normal business hours at an office of the Contractor within the State of New York or, if no such office is available, at a mutually agreeable and reasonable venue within the State, for the term specified above for the purposes of inspection, auditing and copying. The State shall take reasonable steps to protect from public disclosure any of the Records which are exempt from disclosure under Section 87 of the Public Officers Law (the "Statute") provided that: (i) the Contractor shall timely inform an appropriate State official, in writing, that said records should not be disclosed; and (ii) said records shall be sufficiently identified; and (iii) designation of said records as exempt under the Statute is reasonable. Nothing contained herein shall diminish, or in any way adversely affect, the State's right to discovery in any pending or future litigation.

11. IDENTIFYING INFORMATION AND PRIVACY NOTIFICATION. (a) Identification Number(s). Every invoice or New York State Claim for Payment submitted to a New York State agency by a payee, for payment for the sale of goods or services or for transactions (e.g., leases, easements, licenses, etc.) related to real or personal property must include the payee's identification number. The number is any or all of the following: (i) the payee's Federal employer identification number, (ii) the payee's Federal social security number, and/or (iii) the payee's Vendor Identification Number assigned by the Statewide Financial System. Failure to include such number or numbers may delay payment. Where the payee does not have such number or numbers, the payee, on its invoice or Claim for Payment, must give the reason or reasons why the payee does not have such number or numbers.

(b) Privacy Notification. (1) The authority to request the above personal information from a seller of goods or services or a lessor of real or personal property, and the authority to maintain such information, is found in Section 5 of the State Tax Law. Disclosure of this information by the seller or lessor to the State is mandatory. The principal purpose for which the information is collected is to enable the State to identify individuals, businesses and others who have been delinquent in filing tax returns or may have understated their tax liabilities and to generally identify persons affected by the taxes administered by the Commissioner of Taxation and Finance. The information will be used for tax administration purposes and for any other purpose authorized by law. (2) The personal information is requested by the purchasing unit of the agency contracting to purchase the goods or services or lease the real or personal property covered by this contract or lease. The information is maintained in the Statewide Financial System by the Vendor Management Unit within the Bureau of State Expenditures, Office of the State Comptroller, 110 State Street, Albany, New York 12236.

12. EQUAL EMPLOYMENT OPPORTUNITIES FOR MINORITIES AND WOMEN. In accordance with Section 312 of the Executive Law and 5 NYCRR 143, if this contract is: (i) a written agreement or purchase order instrument, providing for a total expenditure in excess of $25,000.00,

whereby a contracting agency is committed to expend or does expend funds in return for labor, services, supplies, equipment, materials or any combination of the foregoing, to be performed for, or rendered or furnished to the contracting agency; or (ii) a written agreement in excess of $100,000.00 whereby a contracting agency is committed to expend or does expend funds for the acquisition, construction, demolition, replacement, major repair or renovation of real property and improvements thereon; or (iii) a written agreement in excess of $100,000.00 whereby the owner of a State assisted housing project is committed to expend or does expend funds for the acquisition, construction, demolition, replacement, major repair or renovation of real property and improvements thereon for such project, then the following shall apply and by signing this agreement the Contractor certifies and affirms that it is Contractor's equal employment opportunity policy that:

(a) The Contractor will not discriminate against employees or applicants for employment because of race, creed, color, national origin, sex, age, disability or marital status, shall make and document its conscientious and active efforts to employ and utilize minority group members and women in its work force on State contracts and will undertake or continue existing programs of affirmative action to ensure that minority group members and women are afforded equal employment opportunities without discrimination. Affirmative action shall mean recruitment, employment, job assignment, promotion, upgradings, demotion, transfer, layoff, or termination and rates of pay or other forms of compensation;

(b) at the request of the contracting agency, the Contractor shall request each employment agency, labor union, or authorized representative of workers with which it has a collective bargaining or other agreement or understanding, to furnish a written statement that such employment agency, labor union or representative will not discriminate on the basis of race, creed, color, national origin, sex, age, disability or marital status and that such union or representative will affirmatively cooperate in the implementation of the Contractor's obligations herein; and

(c) the Contractor shall state, in all solicitations or advertisements for employees, that, in the performance of the State contract, all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.

Contractor will include the provisions of "a", "b", and "c" above, in every subcontract over $25,000.00 for the construction, demolition, replacement, major repair, renovation, planning or design of real property and improvements thereon (the "Work") except where the Work is for the beneficial use of the Contractor. Section 312 does not apply to: (i) work, goods or services unrelated to this contract; or (ii) employment outside New York State. The State shall consider compliance by a contractor or subcontractor with the requirements of any federal law concerning equal employment opportunity which effectuates the purpose of this section. The contracting agency shall determine whether the imposition of the requirements of the provisions hereof duplicate or conflict with any such federal law and if such duplication or conflict exists, the contracting agency shall waive the applicability of Section 312 to the extent of such duplication or conflict. Contractor will comply with all duly promulgated and lawful rules and regulations of the Department of Economic Development's Division of Minority and Women's Business Development pertaining hereto.

13. CONFLICTING TERMS. In the event of a conflict between the terms of the contract (including any and all attachments thereto and amendments thereof) and the terms of this Appendix A, the terms of this Appendix A shall control.

14. GOVERNING LAW. This contract shall be governed by the laws of the State of New York except where the Federal supremacy clause requires otherwise.

15. LATE PAYMENT. Timeliness of payment and any interest to be paid to Contractor for late payment shall be governed by Article 11-A of the State Finance Law to the extent required by law.

16. NO ARBITRATION. Disputes involving this contract, including the breach or alleged breach thereof, may not be submitted to binding arbitration (except where statutorily authorized), but must, instead, be heard in a court of competent jurisdiction of the State of New York.

17. SERVICE OF PROCESS. In addition to the methods of service allowed by the State Civil Practice Law & Rules ("CPLR"), Contractor hereby consents to service of process upon it by registered or certified mail, return receipt requested. Service hereunder shall be complete upon Contractor's actual receipt of process or upon the State's receipt of the return thereof by the United States Postal Service as refused or undeliverable. Contractor must promptly notify the State, in writing, of each and every change of address to which service of process can be made. Service by the State to the last known address shall be sufficient. Contractor will have thirty (30) calendar days after service hereunder is complete in which to respond.

18. PROHIBITION ON PURCHASE OF TROPICAL HARDWOODS. The Contractor certifies and warrants that all wood products to be used under this contract award will be in accordance with, but not limited to, the specifications and provisions of Section 165 of the State Finance Law, (Use of Tropical Hardwoods) which prohibits purchase and use of tropical hardwoods, unless specifically exempted, by the State or any governmental agency or political subdivision or public benefit corporation. Qualification for an exemption under this law will be the responsibility of the contractor to establish to meet with the approval of the State.

In addition, when any portion of this contract involving the use of woods, whether supply or installation, is to be performed by any subcontractor, the prime Contractor will indicate and certify in the submitted bid proposal that the subcontractor has been informed and is in compliance with specifications and provisions regarding use of tropical hardwoods as detailed in §165 State Finance Law. Any such use must meet with the approval of the State; otherwise, the bid may not be considered responsive. Under bidder certifications, proof of qualification for exemption will be the responsibility of the Contractor to meet with the approval of the State.

19. MACBRIDE FAIR EMPLOYMENT PRINCIPLES. In accordance with the MacBride Fair Employment Principles (Chapter 807 of the Laws of 1992), the Contractor hereby stipulates that the Contractor either (a) has no business operations in Northern Ireland, or (b) shall take lawful steps in good faith to conduct any business operations in Northern Ireland in accordance with the MacBride Fair Employment Principles (as described in Section 165 of the New York State Finance Law), and shall permit independent monitoring of compliance with such principles.

20. OMNIBUS PROCUREMENT ACT OF 1992. It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority and women-owned business enterprises as bidders, subcontractors and suppliers on its procurement contracts.

Information on the availability of New York State subcontractors and suppliers is available from:

NYS Department of Economic Development
Division for Small Business
Albany, New York 12245
Telephone: 518-292-5100
Fax: 518-292-5884
email: opa@esd.ny.gov

A directory of certified minority and women-owned business enterprises is available from:

NYS Department of Economic Development
Division of Minority and Women's Business Development
633 Third Avenue
New York, NY 10017
212-803-2414
email: mwbecertification@esd.ny.gov
https://ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp

The Omnibus Procurement Act of 1992 requires that by signing this bid proposal or contract, as applicable, Contractors certify that whenever the total bid amount is greater than $1 million:

(a) The Contractor has made reasonable efforts to encourage the participation of New York State Business Enterprises as suppliers and subcontractors, including certified minority and women-owned business enterprises, on this project, and has retained the documentation of these efforts to be provided upon request to the State;

(b) The Contractor has complied with the Federal Equal Opportunity Act of 1972 (P.L. 92-261), as amended;

(c) The Contractor agrees to make reasonable efforts to provide notification to New York State residents of employment opportunities on this project through listing any such positions with the Job Service Division of the New York State Department of Labor, or providing such notification in such manner as is consistent with existing collective bargaining contracts or agreements. The Contractor agrees to document these efforts and to provide said documentation to the State upon request; and

(d) The Contractor acknowledges notice that the State may seek to obtain offset credits from foreign countries as a result of this contract and agrees to cooperate with the State in these efforts.

21. RECIPROCITY AND SANCTIONS PROVISIONS. Bidders are hereby notified that if their principal place of business is located in a country, nation, province, state or political subdivision that penalizes New York State vendors, and if the goods or services they offer will be substantially produced or performed outside New York State, the Omnibus Procurement Act 1994 and 2000 amendments (Chapter 684 and Chapter 383, respectively) require that they be denied contracts which they would otherwise obtain. NOTE: As of May 15, 2002, the list of discriminatory jurisdictions subject to this provision includes the states of South Carolina, Alaska, West Virginia, Wyoming, Louisiana and Hawaii. Contact NYS Department of Economic Development for a current list of jurisdictions subject to this provision.

22. COMPLIANCE WITH NEW YORK STATE INFORMATION SECURITY BREACH AND NOTIFICATION ACT. Contractor shall comply with the provisions of the New York State Information Security Breach and Notification Act (General Business Law Section 899-aa; State Technology Law Section 208).

23. COMPLIANCE WITH CONSULTANT DISCLOSURE LAW. If this is a contract for consulting services, defined for purposes of this requirement to include analysis, evaluation, research, training, data processing, computer programming, engineering, environmental, health, and mental health services, accounting, auditing, paralegal, legal or similar services, then, in accordance with Section 163 (4-g) of the State Finance Law (as amended by Chapter 10 of the Laws of 2006), the Contractor shall timely, accurately and properly comply with the requirement to submit an annual employment report for the contract to the agency that awarded

the contract, the Department of Civil Service and the State Comptroller.

24. PROCUREMENT LOBBYING. To the extent this agreement is a "procurement contract" as defined by State Finance Law Sections 139-j and 139-k, by signing this agreement the contractor certifies and affirms that all disclosures made in accordance with State Finance Law Sections 139-j and 139-k are complete, true and accurate. In the event such certification is found to be intentionally false or intentionally incomplete, the State may terminate the agreement by providing written notification to the Contractor in accordance with the terms of the agreement.

25. CERTIFICATION OF REGISTRATION TO COLLECT SALES AND COMPENSATING USE TAX BY CERTAIN STATE CONTRACTORS, AFFILIATES AND SUBCONTRACTORS.
To the extent this agreement is a contract as defined by Tax Law Section 5-a, if the contractor fails to make the certification required by Tax Law Section 5-a or if during the term of the contract, the Department of Taxation and Finance or the covered agency, as defined by Tax Law 5-a, discovers that the certification, made under penalty of perjury, is false, then such failure to file or false certification shall be a material breach of this contract and this contract may be terminated, by providing written notification to the Contractor in accordance with the terms of the agreement, if the covered agency determines that such action is in the best interest of the State.

26. **IRAN DIVESTMENT ACT**. By entering into this Agreement, Contractor certifies in accordance with State Finance Law §165-a that it is not on the "Entities Determined to be Non-Responsive Bidders/Offerers pursuant to the New York State Iran Divestment Act of 2012" ("Prohibited Entities List") posted at:
http://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf

Contractor further certifies that it will not utilize on this Contract any subcontractor that is identified on the Prohibited Entities List. Contractor agrees that should it seek to renew or extend this Contract, it must provide the same certification at the time the Contract is renewed or extended. Contractor also agrees that any proposed Assignee of this Contract will be required to certify that it is not on the Prohibited Entities List before the contract assignment will be approved by the State.

During the term of the Contract, should the state agency receive information that a person (as defined in State Finance Law §165-a) is in violation of the above-referenced certifications, the state agency will review such information and offer the person an opportunity to respond. If the person fails to demonstrate that it has ceased its engagement in the investment activity which is in violation of the Act within 90 days after the determination of such violation, then the state agency shall take such action as may be appropriate and provided for by law, rule, or contract, including, but not limited to, imposing sanctions, seeking compliance, recovering damages, or declaring the Contractor in default.

The state agency reserves the right to reject any bid, request for assignment, renewal or extension for an entity that appears on the Prohibited Entities List prior to the award, assignment, renewal or extension of a contract, and to pursue a responsibility review with respect to any entity that is awarded a contract and appears on the Prohibited Entities list after contract award.

Appendix B – Standard Clauses for All NYSDEC Contracts

APPENDIX B

Standard Clauses for All New York State Department of Environmental Conservation Contracts

The parties to the attached contract, license, lease, grant, amendment or other agreement of any kind (hereinafter "the contract" or "this contract") agree to be bound by the following clauses which are hereby made a part of the contract. The word "Contractor" herein refers to any party to the contract, other than the New York State Department of Environmental Conservation (hereinafter "Department").

I. **Postponement, suspension, abandonment or termination by the Department:**
The Department shall have the right to postpone, suspend, abandon or terminate this contract, and such actions shall in no event be deemed a breach of contract. In the event of any termination, postponement, delay, suspension or abandonment, the Contractor shall immediately stop work, take steps to incur no additional obligations, and to limit further expenditures. Within 15 days of receipt of notice, the Contractor shall deliver to the Department all data, reports, plans, or other documentation related to the performance of this contract, including but not limited to source codes and specifications, guarantees, warranties, as-built plans and shop drawings. In any of these events, the Department shall make settlement with the Contractor upon an equitable basis as determined by the Department which shall fix the value of the work which was performed by the Contractor prior to the postponement, suspension, abandonment or termination of this contract. This clause shall not apply to this contract if the contract contains other provisions applicable to postponement, suspension or termination of the contract.

II. **Indemnification and Hold harmless** The Contractor agrees that it will indemnify and save harmless the Department and the State of New York from and against all losses from claims, demands, payments, suits, actions, recoveries and judgments of every nature and description brought or recovered against it by reason of any omission or tortious act of the Contractor, its agents, employees, suppliers or subcontractors in the performance of this contract. The Department and the State of New York may retain such monies from the amount due Contractor as may be necessary to satisfy any claim for damages, costs and the like, which is asserted against the Department and/or the State of New York.

III. **Conflict of Interest**
(a) Organizational Conflict of Interest. To the best of the Contractor's knowledge and belief, the Contractor warrants that there are no relevant facts or circumstances which could give rise to an organizational conflict of interest, as herein defined, or that the Contractor has disclosed all such relevant information to the Department.

(1) An organizational conflict of interest exists when the nature of the work to be performed under this contract may, without some restriction on future activities, impair or appear to impair the Contractor's objectivity in performing the work for the Department.

(2) The Contractor agrees that if an actual, or potential organizational conflict of interest is discovered at any time after award, whether before or during performance, the Contractor will immediately make a full disclosure in writing to the Department. This disclosure shall include a description of actions which the Contractor has taken or proposes to take, after consultation with the Department, to avoid, mitigate, or minimize the actual or potential conflict.

(3) To the extent that the work under this contract requires access to personal, proprietary or confidential business or financial data of persons or other companies, and as long as such data remains proprietary or confidential, the Contractor shall protect such data from unauthorized use and disclosure and agrees not to use it to compete with such companies.

(b) Personal Conflict of Interest: The following provisions with regard to management or professional level employee personnel performing under this contract shall apply until the earlier of the termination date of the affected employee(s) or the duration of the contract.

(1) A personal conflict of interest is defined as a relationship of an employee, subcontractor employee, or consultant with an entity that may impair or appear to impair the objectivity of the employee, subcontractor employee, or consultant in performing the contract work. The Contractor agrees to notify the Department immediately of any actual or potential personal conflict of interest with regard to any such person working on or having access to information regarding this contract, as soon as Contractor becomes aware of such conflict. The Department will notify the Contractor of the appropriate action to be taken.

(2) The Contractor agrees to advise all management or professional level employees involved in the work of this contract, that they must report any personal conflicts of interest to the Contractor. The Contractor must then advise the Department which will advise the Contractor of the appropriate action to be taken.

(3) Unless waived by the Department, the Contractor shall certify annually that, to the best of the Contractor's knowledge and belief, all actual, apparent or potential conflicts of interest, both personal and organizational, as defined herein, have been reported to the Department. Such certification must be signed by a senior executive of the Contractor and submitted in accordance with instructions provided by the Department. Along with the annual certification, the Contractor shall also submit an update of any changes in any conflict of interest plan submitted with its proposal for this contract. The initial certification shall cover the one-year period from the date of contract award, and all subsequent certifications shall cover successive annual periods thereafter. The certification is to be submitted no later than 45 days after the close of the previous certification period covered.

(4) In performing this contract, the Contractor recognizes that its employees may have access to data, either provided by the Department or first generated during contract performance, of a sensitive nature which should not be released without Department approval. If this situation occurs, the Contractor agrees to obtain confidentiality agreements from all affected employees working on requirements under this contract including subcontractors and consultants. Such agreements shall contain provisions which stipulate that each employee agrees not to disclose, either in whole or in part, to any entity external to the Department, Department of Health or the New York State Department of Law, any information or data provided by the Department or first generated by the Contractor under this contract, any site-specific cost information, or any enforcement strategy without first obtaining the written permission of the Department. If a Contractor, through an employee or otherwise, is subpoenaed to testify or produce documents, which could result in such disclosure, the Contractor must provide immediate advance notification to the Department so that the Department can authorize such disclosure or have the opportunity to take action to prevent such disclosure. Such agreements shall be effective for the life of the contract and for a period of five (5) years after completion of the contract.

(c) Remedies - The Department may terminate this contract in whole or in part, if it deems such termination necessary to avoid an organizational or personal conflict of interest, or an unauthorized disclosure of information. If the Contractor fails to make required disclosures or misrepresents relevant information to the Department, the Department may terminate the contract, or pursue such other remedies as may be permitted by the terms of Clause I of this Appendix or other applicable provisions of this contract regarding termination.

(d) The Contractor will be ineligible to make a proposal or bid on a contract for which the Contractor has developed the statement of work or the solicitation package

(e) The Contractor agrees to insert in each subcontract or consultant agreement placed hereunder (except for subcontracts or consultant agreements for well drilling, fence erecting, plumbing, utility hookups, security guard services, or electrical services) provisions which shall conform substantially to the language of this clause, including this paragraph (e), unless otherwise authorized by the Department.

If this is a contract for work related to action at an inactive hazardous waste site, the following paragraph shall apply to those Contractors whose work requires the application of professional judgment: It does not apply to construction contracts.

(f) Due to the scope and nature of this contract, the Contractor shall observe the following restrictions on future hazardous waste site contracting for the duration of the contract.

(1) The Contractor, during the life of the work assignment and for a period of three (3) years after the completion of the work assignment, agrees not to enter into a contract with or to represent any party with respect to any work relating to remedial activities or work pertaining to a site where the Contractor previously performed work for the Department under this contract without the prior written approval of the Department.

(2) The Contractor agrees in advance that if any bids/proposals are submitted for any work for a third party that would require written approval of the Department prior to entering into a contract because of the restrictions of this clause, then the bids/proposals are submitted at the Contractor's own risk, and no claim shall be made against the Department to recover bid/proposal costs as a direct cost whether the request for authorization to enter into the contract is denied or approved.

IV. **Requests for Payment** All requests for payment by the Contractor must be submitted on forms supplied and approved by the Department. Each payment request must contain such items of information and supporting documentation as are required by the Department, and shall be all-inclusive for the period of time covered by the payment request.

V. **Compliance with Federal requirements** To the extent that federal funds are provided to the Contractor or used in paying the Contractor under this contract, the Contractor agrees that it will comply with all applicable federal laws and regulations, including but not limited to those laws and regulations under which the Federal funds were authorized. The Contractor further agrees to insert in any subcontract hereunder, provisions which shall conform substantially to the language of this clause.

VI. **Independent Contractor** The Contractor shall have the status of an independent contractor. Accordingly, the Contractor agrees that it will conduct itself in a manner consistent with such status, and that it will neither hold itself out as, nor claim to be, an officer or employee of the Department by reason of this contract. It further agrees that it will not make any claim, demand or application to the Department for any right or privilege applicable to an officer or employee of the Department, including but not limited to worker's compensation coverage, unemployment insurance benefits, social security coverage, or retirement membership or credit.

VII. **Compliance with applicable laws**

(a) Prior to the commencement of any work under this contract, the Contractor is required to meet all legal requirements necessary in the performance of the contract. This includes but is not limited to compliance with all applicable federal, state and local laws and regulations promulgated thereunder. It is the Contractor's responsibility to obtain any necessary permits, or other authorizations. By signing this contract, the Contractor affirmatively represents that it has complied with said laws, unless it advises the Department otherwise, in writing. The Department signs this contract in reliance upon this representation.

(b) During the term of this contract, and any extensions thereof, the Contractor must remain in compliance with said laws. A failure to notify the Department of noncompliance of which the Contractor was or should have been aware, may be considered a material breach of this contract.

VIII. **Dispute Resolution** The parties agree to the following steps, or as many as are necessary to resolve disputes between the Department and the Contractor.

(a) The Contractor specifically agrees to submit, in the first instance, any dispute relating to this contract to the designated individual, who shall render a written decision and furnish a copy thereof to the Contractor.

(1) The Contractor must request such decision in writing no more than fifteen days after it knew or should have known of the facts which are the basis of the dispute.

(2) The decision of the designated individual shall be the final DEC determination, unless the Contractor files a written appeal of that decision with the designated appeal individual ("DAI") within twenty days of receipt of that decision.

(b) Upon receipt of the written appeal, the DAI, will review the record and decision. Following divisional procedures in effect at that time, the DAI will take one of the following actions, with written notice to the Contractor.

(1) Remand the matter to the program staff for further negotiation or information if it is determined that the matter is not ripe for review; or
(2) Determine that there is no need for further action, and that the determination of the designated individual is confirmed; or
(3) Make a determination on the record as it exists.

(c) The decision of the DAI shall be the final DEC decision unless the Contractor files a written appeal of that decision with the Chair of the Contract Review Committee ("CRC") within twenty days of receipt of that decision.

The designated individual to hear disputes is:

Theodore Bennett - Director, Bureau of Program Mgmt
(Name and Title)
NYS Department of Environmental Conservation
625 Broadway, Albany, NY 12233-7012
(Address)

(518) 402-9764
(Telephone)

The designated appeal individual to review decisions is:

Michael J. Ryan, P.E., Director
(Name and Title)
NYS Department of Environmental Conservation
625 Broadway, Albany, NY 12233-7011
(Address)
(518) 402-9706
(Telephone)

The Chair of the Contract Review Committee is:

Department of Environmental Conservation
Nancy W. Lussier Chair
Contract Review Committee
625 Broadway, 10th Floor
Albany, NY 12233-5010
Telephone: (518) 402-9228

(d) Upon receipt of the written appeal, the Chair of the CRC, in consultation with the members of the CRC and the Office of General Counsel, will take one of the following actions, or a combination thereof, with written notice to the Contractor.

(1) Remand the matter to program staff for additional fact finding, negotiation, or other appropriate action; or

(2) Adopt the decision of the DAI; or

(3) Consider the matter for review by the CRC in accordance with its procedures.

(e) Following a decision to proceed pursuant to (d) 3, above, the Chair of the CRC shall convene a proceeding in accordance with the CRC's established contract dispute resolution guidelines. The proceeding will provide the Contractor with an opportunity to be heard.

(f) Following a decision pursuant to (d) 2 or (d) 3, the CRC shall make a written recommendation to the Assistant Commissioner for Administration who shall render the final DEC determination.

(g) At any time during the dispute resolution process, and upon mutual agreement of the parties, the Office of Hearings and Mediation Services (OHMS) may be requested to provide mediation services or other appropriate means to assist in resolving the dispute. Any findings or recommendations made by the OHMS will not be binding on either party.

(h) Final DEC determinations shall be subject to review only pursuant to Article 78 of the Civil Practice Law and Rules.

(i) Pending final determination of a dispute hereunder, the Contractor shall proceed diligently with the performance of the Contract in accordance with the decision of the designated individual. Nothing in this Contract shall be construed as making final the decision of any administrative officer upon a question of law.

(j) Notwithstanding the foregoing, at the option of the Contractor, the following shall be subject to review by the CRC: Disputes arising under Article 15-A of the Executive Law (Minority and Women Owned Business participation), the Department's determination with respect to the adequacy of the Contractor's Utilization Plan, or the Contractor's showing of good faith efforts to comply therewith. A request for a review before the CRC should be made, in writing, within twenty days of receipt of the Department's determination.

(k) The CRC will promptly convene a review in accordance with Article 15-A of the Executive Law and the regulations promulgated thereunder.

IX. Labor Law Provisions

(a) When applicable, the Contractor shall post, in a location designated by the Department, a copy of the New York State Department of Labor schedules of prevailing wages and supplements for this project, a copy of all re-determinations of such schedules for the project, the Workers' Compensation Law Section 51 notice, all other notices required by law to be posted at the site, the Department of Labor notice that this project is a public work project on which each worker is entitled to receive the prevailing wages and supplements for their occupation, and all other notices which the Department directs the Contractor to post. The Contractor shall provide a surface for such notices which is satisfactory to the Department. The Contractor shall maintain such notices in a legible manner and shall replace any notice or schedule which is damaged, defaced, illegible or removed for any reason. Contractor shall post such notices before commencing any work on the site and shall maintain such notices until all work on the site is complete.

(b) When appropriate, contractor shall distribute to each worker for this Contract a notice, in a form provided by the Department, that this project is a public work project on which each worker is entitled to receive the prevailing wage and supplements for the occupation at which he or she is working. Worker includes employees of Contractor and all Subcontractors and all employees of suppliers entering the site. Such notice shall be distributed to each worker before they start performing any work of this contract. At the time of distribution, Contractor shall have each worker sign a statement, in a form provided by the Department, certifying that the worker has received the notice required by this section, which signed statement shall be maintained with the payroll records required by the following paragraph (c).

(c) Contractor shall maintain on the site the original certified payrolls or certified transcripts thereof which Contractor and all of its Subcontractors are required to maintain pursuant to the New York Labor Law Section 220. Contractor shall maintain with the payrolls or transcripts thereof, the statements signed by each worker pursuant to paragraph (b).

(d) Within thirty days of issuance of the first payroll, and every thirty days thereafter, the Contractor and every subcontractor must submit a transcript of the original payroll to the Department, which transcript must be subscribed and affirmed as true under penalty of perjury.

X. **Offset** In accordance with State Law, the Department has the authority to administratively offset any monies due it from the Contractor, from payments due to the Contractor under this contract. The Department may also (a) assess interest or late payment charges, and collection fees, if applicable; (b) charge a fee for any dishonored check; (c) refuse to renew certain licenses and permits.

XI. **Tax Exemption** Pursuant to Tax Law Section 1116, the State is exempt from sales and use taxes. A standard state voucher is sufficient evidence thereof. For federal excise taxes, New York's registration Number 14740026K covers tax-free transactions under the Internal Revenue Code.

XII. **Litigation Support** In the event that the Department becomes involved in litigation related to the subject matter of this contract, the Contractor agrees to provide background support and other litigation support, including but not limited to depositions, appearances, and testimony. Compensation will be negotiated and based on rates established in the contract, or as may otherwise be provided in the contract.

XIII **Equipment** Any equipment purchased with funds provided under this contract, shall remain the property of the Department, unless otherwise provided in the contract. The Contractor shall be liable for all costs for maintaining the property in good, usable condition. It shall be returned to the Department upon completion of the contract, in such condition, unless the Department elects to sell the equipment to the Contractor, upon mutually agreeable terms.

XIV. **Inventions or Discoveries** Any invention or discovery first made in performance of this Contract shall be the property of the Department, unless otherwise provided in the contract. The Contractor agrees to provide the Department with any and all materials related to this property. At the Department's option, the Contractor may be granted a non-exclusive license.

XV. **Patent and Copyright Protection**
If any patented or copyrighted material is involved in or results from the performance of this Contract, this Article shall apply.

(a) The Contractor shall, at its expense, defend any suit instituted against the Department and indemnify the Department against any award of damages and costs made against the Department by a final judgment of a court of last resort based on the claim that any of the products, services or consumable supplies furnished by the Contractor under this Contract infringes any patent, copyright or other proprietary right; provided the Department gives the Contractor:

(1) prompt written notice of any action, claim or threat of infringement suit, or other suit, and

(2) the opportunity to take over, settle or defend such action at the Contractor's sole expense, and

(3) all available information, assistance and authority necessary to the action, at the Contractor's sole expense.

(4) The Contractor shall control the defense of any such suit, including appeals, and all negotiations to effect settlement, but shall keep the Department fully informed concerning the progress of the litigation.

(b) If the use of any item(s) or parts thereof is held to infringe a patent or copyright and its use is enjoined, or Contractor believes it will be enjoined, the Contractor shall have the right, at its election and expense to take action in the following order of precedence:

(1) procure for the Department the right to continue using the same item or parts thereof;

(2) modify the same so that it becomes non-infringing and of at least the same quality and performance;

(3) replace the item(s) or parts thereof with noninfringing items of at least the same quality and performance;

(4) if none of the above remedies are available, discontinue its use and eliminate any future charges or royalties pertaining thereto. The Contractor will buy back the infringing product(s) at the State's book value, or in the event of a lease, the parties shall terminate the lease. If discontinuation or elimination results in the Contractor not being able to perform the Contract, the Contract shall be terminated.

(c) In the event that an action at law or in equity is commenced against the Department arising out of a claim that the Department's use of any item or material pursuant to or resulting from this Contract infringes any patent, copyright or proprietary right, and such action is forwarded by the Department to the Contractor for defense and indemnification pursuant to this Article, the Department shall copy all pleadings and documents forwarded to the Contractor together with the forwarding correspondence and a copy of this Contract to the Office of the Attorney General of the State of New York. If upon receipt of such request for defense, or at any time thereafter, the Contractor is of the opinion that the allegations in such action, in whole or in part, are not covered by the indemnification set forth in this Article, the Contractor shall immediately notify the Department and the Office of the Attorney General of the State of New York in writing and shall specify to what

extent the Contractor believes it is and is not obligated to defend and indemnify under the terms and conditions of this Contract. The Contractor shall in such event protect the interests of the Department and State of New York and secure a continuance to permit the State of New York to appear and defend its interests in cooperation with Contractor as is appropriate, including any jurisdictional defenses which the Department and State shall have.

(d) The Contractor shall, however, have no liability to the Department under this Article if any infringement is based upon or arises out of: (1) compliance with designs, plans, or specifications furnished by or on behalf of the Department as to the items; (2) alterations of the items by the Department; (3) failure of the Department to use updated items provided by the Contractor for avoiding infringement; (4) use of items in combination with apparatus or devices not delivered by the Contractor; (5) use of items in a manner for which the same were neither designed nor contemplated; or (6) a patent or copyright in which the Department or any affiliate or subsidiary of the Department has any direct or indirect interest by license or otherwise.

(e) The foregoing states the Contractor's entire liability for, or resulting from, patent or copyright infringement or claim thereof.

XVI. **Force Majeure** The term Force Majeure shall include acts of God, work stoppages due to labor disputes or strikes, fires, explosions, epidemics, riots, war rebellion, sabotage or the like. If a failure of or delay in performance by either party results from the occurrence of a Force Majeure event, the delay shall be excused and the time for performance extended by a period equivalent to the time lost because of the Force majeure event, if and to the extent that:

(a) The delay or failure was beyond the control of the party affected and not due to its fault or negligence; and

(b) The delay or failure was not extended because of the affected party's failure to use all reasonable diligence to overcome the obstacle or to resume performance immediately after such obstacle was overcome; and

(c) The affected party provides notice within (5) days of the onset of the event, that it is invoking the protection of this provision.

XVII. **Freedom of Information Requests** The Contractor agrees to provide the Department with any records which must be released in order to comply with a request pursuant to the Freedom of Information Law. The Department will provide the contractor with an opportunity to identify material which may be protected from release and to support its position.

XVIII. **Precedence** In the event of a conflict between the terms of this Appendix B and the terms of the Contract (including any and all attachments thereto and amendments thereof, but not including Appendix A), the terms of this Appendix B shall control. In the event of a conflict between the terms of this Appendix B, and the terms of Appendix A, the terms of Appendix A shall control.

XIX. **Article 15-Requirements**

PARTICIPATION BY MINORITY GROUP MEMBERS AND WOMEN WITH RESPECT TO STATE CONTRACTS: REQUIREMENTS AND PROCEDURES

(a) General Provisions

(1)The Department is required to implement the provisions of New York State Executive Law Article 15-A and 5 NYCRR Parts 142-144 ("MWBE Regulations") for all State contracts as defined therein, with a value (1) in excess of $25,000 for labor, services, equipment, materials, or any combination of the foregoing or (2) in excess of $100,000 for real property renovations and construction.

(2)The Contractor to the subject contract (the "Contractor" and the "Contract," respectively) agrees, in addition to any other nondiscrimination provision of the Contract and at no additional cost to the New York State Department (the "Department", to fully comply and cooperate with the Department in the implementation of New York State Executive Law Article 15-A. These requirements include equal employment opportunities for minority group members and women ("EEO") and contracting opportunities for certified minority and women-owned business enterprises ("MWBEs"). Contractor's demonstration of "good faith efforts" pursuant to 5 NYCRR §142.8 shall be a part of these requirements. These provisions shall be deemed supplementary to, and not in lieu of, the nondiscrimination provisions required by New York State Executive Law Article 15 (the "Human Rights Law") or other applicable federal, state or local laws.

(3)Failure to comply with all of the requirements herein may result in a finding of non-responsiveness, non-responsibility and/or a breach of contract, leading to the withholding of funds or such other actions, liquidated damages pursuant to Section VII of this Article or enforcement proceedings as allowed by the Contract.

(b) Contract Goals

(1)For purposes of this procurement, the Department hereby establishes a split goal of 2% for Minority-Owned Business Enterprises ("MBE") and 7% for Women-Owned Business Enterprises ("WBE") participation, (based on the current availability of qualified MBEs and WBEs).

(2)For purposes of providing meaningful participation by MWBEs on the Contract and achieving the Contract Goals established in Section II-A hereof, Contractor should reference the directory of New York State Certified MWBEs found at the following internet address;

https://ny.newnycontracts.com

Additionally, the Contractor is encouraged to contact the Division of Minority and Woman Business Development ((518) 292-5250; (212) 803-2414; or (716) 846-8200) to discuss additional methods of maximizing participation by MWBEs on the Contract.

(3)Where MWBE goals have been established herein, pursuant to 5 NYCRR §142.8, Contractor must document "good faith efforts" to provide meaningful participation by MWBEs as subcontractors or suppliers in the performance of the Contract. In accordance with Section 316-a of Article 15-A and 5 NYCRR §142.13, the Contractor acknowledges that if Contractor is found to have willfully and intentionally failed to comply with the MWBE participation goals set forth in the Contract, such a finding constitutes a breach of contract and the Contractor shall be liable to the Department for liquidated or other appropriate damages, as set forth herein.

(c) Equal Employment Opportunity (EEO)

(1) Contractor agrees to be bound by the provisions of Article 15-A and the MWBE Regulations promulgated by the Division of Minority and Women's Business Development of the Department of Economic Development (the "Division"). If any of these terms or provisions conflict with applicable law or regulations, such laws and regulations shall supersede these requirements. Contractor shall comply with the following provisions of Article 15-A:

(i)Contractor and Subcontractors shall undertake or continue existing EEO programs to ensure that minority group members and women are afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status. For these purposes, EEO shall apply in the areas of recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff, or termination and rates of pay or other forms of compensation.

(ii)The Contractor shall submit an EEO policy statement to the Department within seventy two (72) hours after the date of the notice by Department to award the Contract to the Contractor.

(iii)If Contractor or Subcontractor does not have an existing EEO policy statement, the Department may provide the Contractor or Subcontractor a model statement. This statement can be found at the link provided in Section 8.

(iv)The Contractor's EEO policy statement shall include the following language:

a. The Contractor will not discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, age, disability or marital status, will undertake or continue existing EEO programs to ensure that minority group members and women are afforded equal employment opportunities without discrimination, and shall make and document its conscientious and active efforts to employ and utilize minority group members and women in its work force.

b. The Contractor shall state in all solicitations or advertisements for employees that, in the performance of the contract, all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.

c. The Contractor shall request each employer Department, labor union, or authorized representative of workers with which it has a collective bargaining or other agreement or understanding, to furnish a written statement that such employer Department, labor union, or representative will not discriminate on the basis of race, creed, color, national origin, sex age, disability or marital status and that such union or representative will affirmatively cooperate in the

implementation of the Contractor's obligations herein.

d. The Contractor will include the provisions of Subdivisions (a) through (c) of this Subsection 4 and Paragraph "E" of this Section III, which provides for relevant provisions of the Human Rights Law, in every subcontract in such a manner that the requirements of the subdivisions will be binding upon each subcontractor as to work in connection with the Contract.

e. **EEO Contract Goals** for the purposes of this procurement, the Department hereby establishes a goal of **10**% Minority Labor Force Participation**, 10%** Female Labor Force Participation.

(2) Staffing Plan Form

To ensure compliance with this Section, the Contractor shall submit a staffing plan to document the composition of the proposed workforce to be utilized in the performance of the Contract by the specified categories listed, including ethnic background, gender, and Federal occupational categories. Contractors shall complete the Staffing plan form and submit it as part of their bid or proposal or within a reasonable time, but no later than the time of award of the contract.

(3) Workforce Employment Utilization Report Form ("Workforce Report")

(i) Once a contract has been awarded and during the term of Contract, Contractor is responsible for updating and providing notice to the Department of any changes to the previously submitted Staffing Plan. This information is to be submitted on a quarterly basis during the term of the Contract to report the actual workforce utilized in the performance of the Contract by the specified categories listed including ethnic background, gender, and Federal occupational categories. The Workforce Report must be submitted to report this information.

(ii) Separate forms shall be completed by Contractor and any subcontractor performing work on the Contract.

(iii) In limited instances, Contractor may not be able to separate out the workforce utilized in the performance of the Contract from Contractor's and/or subcontractor's total workforce. When a separation can be made, Contractor shall submit the Workforce Report and indicate that the information provided related to the actual workforce utilized on the Contract. When the workforce to be utilized on the contract cannot be separated out from Contractor's and/or subcontractor's total workforce, Contractor shall submit the Workforce Report and indicate that the information provided is Contractor's total workforce during the subject time frame, not limited to work specifically under the Contract.

(2) Contractor shall comply with the provisions of the Human Rights Law, all other State and Federal statutory and constitutional non-discrimination provisions. Contractor and subcontractors shall not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal conviction and prior arrest.

(d) MWBE Utilization Plan

(1) The Contractor represents and warrants that Contractor has submitted an MWBE Utilization Plan either prior to, or at the time of, the execution of the contract.

(2) Contractor agrees to use such MWBE Utilization Plan for the performance of MWBEs on the Contract pursuant to the prescribed MWBE goals set forth in Section III-A of this Appendix.

(3)Contractor further agrees that a failure to submit and/or use such MWBE Utilization Plan shall constitute a material breach of the terms of the Contract. Upon the occurrence of such a material breach, Department shall be entitled to any remedy provided herein, including but not limited to, a finding of Contractor non-responsiveness.

(e) Waivers

(1)For Waiver Requests Contractor should use Waiver Request Form.

(2)If the Contractor, after making good faith efforts, is unable to comply with MWBE goals, the Contractor may submit a Request for Waiver form documenting good faith efforts by the Contractor to meet such goals. If the documentation included with the waiver request is complete, the Department shall evaluate the request and issue a written notice of acceptance or denial within twenty (20) days of receipt.

(4) If the Department, upon review of the MWBE Utilization Plan and updated Quarterly MWBE Contractor Compliance Reports determines that Contractor is failing or refusing to comply with the Contract goals and no waiver has been issued in regards to such non-compliance, the Department may issue a notice of deficiency to the Contractor. The Contractor must respond to the notice of deficiency within seven (7) business days of receipt. Such response may include a request for partial or total waiver of MWBE Contract Goals.

(f) Quarterly MWBE Contractor Compliance Report

Contractor is required to submit a Quarterly MWBE Contractor Compliance Report Form to the Department by the 10th day following each end of quarter over the term of the Contract documenting the progress made towards achievement of the MWBE goals of the Contract.

(g) Liquidated Damages - MWBE Participation

(1)Where Department determines that Contractor is not in compliance with the requirements of the Contract and Contractor refuses to comply with such requirements, or if Contractor is found to have willfully and intentionally failed to comply with the MWBE participation goals, Contractor shall be obligated to pay to the Department liquidated damages.

(2) Such liquidated damages shall be calculated as an amount equaling the difference between:

(i) All sums identified for payment to MWBEs had the Contractor achieved the contractual MWBE goals; and

(ii) All sums actually paid to MWBEs for work performed or materials supplied under the Contract.

(3) In the event a determination has been made which requires the payment of liquidated damages and such identified sums have not been withheld by the Department, Contractor shall pay such liquidated damages to the Department within sixty (60) days after they are assessed by the Department unless prior to the expiration of such sixtieth day, the Contractor has filed a complaint with the Director of the Division of Minority and Woman Business Development pursuant to Subdivision 8 of Section 313 of the Executive Law in which event the liquidated damages shall be payable if Director renders a decision in favor of the Department.

(h) Forms

The following forms referenced in Article XVIII 3-A-3, 3B, 3C and 5A can be found at http://www.dec.ny.gov/about/48854.html

Appendix C – Standard Clauses for Ethics in all NYSDEC Contracts

Appendix C

Standard Clauses for Ethics in all NYSDEC Contracts

The parties to the attached contract, license, lease, grant, amendment or other agreement of any kind (hereinafter "the contract" or "this contract") agree to be bound by the following clauses which are hereby made a part of the contract. The word "Offeror" herein refers to any party submitting an application, bid, proposal, or other documents in response to this procurement. The word "Contractor" herein refers to any party to the contract, other than the New York State Department of Environmental Conservation (hereinafter "Department").

I. Conflict of Interest

A. Procurement Phase:

1. An Offeror will disclose any existing or contemplated relationship with any other person or entity, including relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the Offeror or former officers and employees of the Agencies and their Affiliates, in connection with the Offeror rendering services enumerated in this procurement. If a conflict does or might exist, the Offeror will describe how the Offeror would eliminate or prevent it. This description will include, but not be limited to what procedures will be followed to detect, notify the Agencies of, and resolve any such conflicts.

2. The Offeror must disclose whether it, or any of its members, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Joint Commission on Public Ethics or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included in the Offeror's response indicating how any matter before the Commission was resolved or whether it remains unresolved.

3. The Offeror/Contractor has provided a form (Vendor Assurance of No Conflict of Interest or Detrimental Effect attached hereto as **Attachment**), signed by an authorized executive or legal representative attesting that the Offeror's/Contractor's performance of the services does not and will not create a conflict of interest with, nor position the Offeror/Contractor to breach any other contract currently in force with the State of New York, that the Offeror/Contractor will not act in any manner that is detrimental to any State project on which the Offeror/Contractor is rendering services.

B. Contract Phase:

1. The Contractor hereby reaffirms the attestations made in its proposal and covenants and represents that there is and shall be no actual or potential conflict of interest that could prevent the Contractor's satisfactory or ethical performance of duties required to be performed pursuant to the terms of this contract. The Contractor shall have a duty to notify the Department immediately of any actual or potential conflicts of interest.

2. In conjunction with any subcontract under this contract, the Contractor shall obtain and deliver to the Department, prior to entering into a subcontract, a Vendor Assurance of No Conflict of Interest or Detrimental Effect form, signed by an authorized executive or legal representative of the subcontractor. The Contractor shall also require in any subcontracting agreement that the subcontractor, in conjunction with any further subcontracting agreement, obtain and deliver to the Department a signed and completed Vendor Assurance of No Conflict of Interest or Detrimental Effect form for each of its subcontractors prior to entering into a subcontract.

3. The Department and the Contractor recognize that conflicts may occur in the future because the Contractor may have existing or establish new relationships. The Department will review the nature of any relationships and reserves the right to terminate this contract for any reason, or for cause, if, in the judgment of the Department, a real or potential conflict of interest cannot be cured.

4. In performing this contract, the Contractor recognizes that its employees may have access to data, either provided by the Department or first generated during contract performance, of a sensitive nature which should not be released without prior Department approval. If this situation occurs, the Contractor agrees to obtain confidentiality agreements from all affected employees working on requirements under this contract including subcontractors and consultants. Such agreements shall contain provisions which stipulate that each employee agrees not to disclose, either in whole or in part, to any entity external to the Department, Department of Health or the New York State Department of Law, any information or data provided by the Department or first generated by the Contractor under this contract, any site-specific cost information, or any enforcement strategy without first obtaining the written permission of the Department. If a Contractor, through an employee or otherwise, is subpoenaed to testify or produce documents, which could result in such disclosure, the Contractor must provide immediate advance notification to the Department so that the Department can authorize such disclosure or have the opportunity to take action to prevent such disclosure. Such agreements shall be effective for the life of the contract and for a period of five (5) years after completion of the contract.

5. The Department may terminate this contract in whole or in part, if it deems such termination necessary to avoid a conflict of interest, or an unauthorized disclosure of information. If the Contractor fails to make required disclosures or misrepresents relevant information to the Department, the Department may terminate the contract, or pursue such other remedies as may be allowed by law or other applicable provisions of this contract regarding termination.

6. The Contractor will be ineligible to make a proposal or bid on a contract for which the Contractor has developed the statement of work or the solicitation package.

7. ***If this is a contract for work related to action at an inactive hazardous waste site, the following paragraph shall apply to those Contractors whose work requires the application of professional judgment: It does not apply to construction contracts.***

   Due to the scope and nature of this contract, the Contractor shall observe the following restrictions on future hazardous waste site contracting for the duration of the contract.

   a. The Contractor, during the life of the work assignment and for a period of three (3) years after the completion of the work assignment, agrees not to enter into a contract with or to

represent any party with respect to any work relating to remedial activities or work pertaining to a site where the Contractor previously performed work for the Department under this contract without the prior written approval of the Department.

b. The Contractor agrees in advance that if any bids/proposals are submitted for any work for a third party that would require written approval of the Department prior to entering into a contract because of the restrictions of this clause, then the bids/proposals are submitted at the Contractor's own risk, and no claim shall be made against the Department to recover bid/proposal costs as a direct cost whether the request for authorization to enter into the contract is denied or approved.

II. PUBLIC OFFICERS LAW

Contractors, consultants, vendors, and subcontractors may hire former State Agency or Authority employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of the State Agency or Authority may neither appear nor practice before the State Agency or Authority, nor receive compensation for services rendered on a matter before the State Agency or Authority, for a period of two years following their separation from State Agency or Authority service. In addition, former State Agency or Authority employees are subject to a "lifetime bar" from appearing before the State Agency or Authority or receiving compensation for services regarding any transaction in which they personally participated or which was under their active consideration during their tenure with the State Agency or Authority.

III. ETHICS REQUIREMENTS

The Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements").

The Contractor certifies that all of its employees and those of its subcontractors who are former employees of the State and who are assigned to perform services under this contract shall be assigned in accordance with all Ethics Requirements. During the Term, no person who is employed by the Contractor or its subcontractors and who is disqualified from providing services under this contract pursuant to any Ethics Requirements may share in any net revenues of the Contractor or its subcontractors derived from this Contract. The Contractor shall identify and provide the State with notice of those employees of the Contractor and its Subcontractors who are former employees of the State that will be assigned to perform services under this Contract, and make sure that such employees comply with all applicable laws and prohibitions.

The State may request that the Contractor provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. The State shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed hereunder would be in conflict with any of the Ethics Requirements. The State

shall have the right to terminate this Contract at any time if any work performed hereunder is in conflict with any of the Ethics Requirements.

IV. SUBCONTRACTING

The Contractor agrees not to subcontract any of its services, unless as indicated in its proposal, without the prior written approval of the Department. Approval shall not be unreasonably withheld upon receipt of written request to subcontract.

The Contractor may arrange for a portion/s of its responsibilities under this Contract to be subcontracted to qualified, responsible subcontractors, subject to prior approval of the Department. If the Contractor decides to subcontract a portion of the services, the subcontractors must be clearly identified and the nature and extent of its involvement in and/or proposed performance under this contract must be fully explained by the Contractor to the Department. As part of this explanation, the subcontractor must submit to the Department a completed Vendor Assurance of No Conflict of Interest or Detrimental Effect form, as required by the Contractor prior to execution of this contract.

The Contractor retains ultimate responsibility for all services performed under the contract.

All subcontracts shall be in writing and shall contain provisions, which are functionally identical to, and consistent with, the provisions of this contract including, but not limited to, the body of this contract, Appendix A – Standard Clauses for New York State Contracts, Appendix B – Standard Clauses for All New York State Department of Environmental Conservation Contracts, Appendix C - Standard Clauses for Ethics in all New York State Department of Environmental Conservation Contracts, and the Solicitation Document.

Unless waived in writing by the Department, all subcontracts between the Contractor and subcontractors shall expressly name the State, through the Department, as the sole intended third party beneficiary of such subcontract. The Department reserves the right to review and approve or reject any subcontract, as well as any amendment to said subcontract(s), and this right shall not make the Department or the State a party to any subcontract or create any right, claim, or interest in the subcontractor or proposed subcontractor against the Department.

The Department reserves the right, at any time during the term of the contract, to verify that the written subcontract between the Contractor and subcontractors is in compliance with all of the provisions of this Section and any subcontract provisions contained in this contract. The Contractor shall give the Department immediate notice in writing of the initiation of any legal action or suit which relates in any way to a subcontract with a subcontractor or which may affect the performance of the Contractor's duties under the contract. Any subcontract shall not relieve the Contractor in any way of any responsibility, duty and/or obligation of the contract.

If at any time during performance under this contract total compensation to a subcontractor exceeds or is expected to exceed $100,000, or as otherwise requested by the Department that subcontractor shall be required to submit and certify a Vendor Responsibility Questionnaire.

Contract #: _____

Attachment

Vendor Assurance of No Conflict of Interest or Detrimental Effect

The Firm offering to provide services pursuant to this Procurement/Contract, as a contractor, joint venture contractor, subcontractor, or consultant, attests that its performance of the services outlined in this Procurement/Contract does not and will not create a conflict of interest with nor position the Firm to breach any other contract currently in force with the State of New York.

Furthermore, the Firm attests that it will not act in any manner that is detrimental to any State project on which the Firm is rendering services. Specifically, the Firm attests that:

1. The fulfillment of obligations by the Firm, as proposed in the response, does not violate any existing contracts or agreements between the Firm and the State;

2. The fulfillment of obligations by the Firm, as proposed in the response, does not and will not create any conflict of interest, or perception thereof, with any current role or responsibility that the Firm has with regard to any existing contracts or agreements between the Firm and the State;

3. The fulfillment of obligations by the Firm, as proposed in the response, does not and will not compromise the Firm's ability to carry out its obligations under any existing contracts between the Firm and the State;

4. The fulfillment of any other contractual obligations that the Firm has with the State will not affect or influence its ability to perform under any contract with the State resulting from this Procurement;

5. During the negotiation and execution of any contract resulting from this Procurement, the Firm will not knowingly take any action or make any decision which creates a potential for conflict of interest or might cause a detrimental impact to the State as a whole including, but not limited to, any action or decision to divert resources from one State project to another;

6. In fulfilling obligations under each of its State contracts, including any contract which results from this Procurement, the Firm will act in accordance with the terms of each of its State contracts and will not knowingly take any action or make any decision which might cause a detrimental impact to the State as a whole including, but not limited to, any action or decision to divert resources from one State project to another;

7. No former officer or employee of the State who is now employed by the Firm, nor any former officer or employee of the Firm who is now employed by the State, has played a role with regard to the administration of this contract procurement in a manner that may violate section 73(8)(a) of the State Ethics Law; and

8. The Firm has not and shall not offer to any employee, member or director of the State any gift, whether in the form of money, service, loan, travel, entertainment, hospitality, thing or promise, or in any other

form, under circumstances in which it could reasonably be inferred that the gift was intended to influence said employee, member or director, or could reasonably be expected to influence said employee, member or director, in the performance of the official duty of said employee, member or director or was intended as a reward for any official action on the part of said employee, member or director.

Firms responding to this Procurement/Contract should note that the State recognizes that conflicts may occur in the future because a Firm may have existing or new relationships.

The State will review the nature of any such new relationship and reserves the right to terminate the contract for cause if, in its judgment, a real or potential conflict of interest cannot be cured.

Signature: _____
Date: _____
Name: _____
Title: _____

This form must be signed by an authorized executive or legal representative and returned with the Bid/Proposal/Contract.

Appendix B: 2025.08.19 NYSDEC CMI Forensic Workplan

August 19, 2025

Work Plan — Forensic Evaluation Services

Chemistry Matters Inc. (CMI) was requested to provide a forensic evaluation work plan identifying potential soil sampling locations that would assist in determining fingerprints and sources of polycyclic aromatic hydrocarbons (PAHs) at the Former Pratt Refinery & CitiStorage Brooklyn site in New York (the site).

Forensic Methodology

As part of the environmental forensic assessment, multiple complementary data analysis techniques will be applied to evaluate the chemical composition of samples to identify potential sources. A multi-technique approach will be used to ensure robust and defensible conclusions. Characteristics of individual samples are compared across the dataset and to reference samples of relevant source types. Relationships between chemicals (i.e., fingerprints) and diagnostic ratios are used in combination with multivariate data evaluation (MDE) techniques, such as hierarchical cluster analysis (HCA) and uniform manifold approximation and projection (UMAP). MDE techniques reduce a multivariate dataset—in this case an environmental sample analyzed for many individual chemicals—to two or three variables, allowing relationships between samples to be visualized on 2D or 3D plots. Techniques planned for the site dataset are described in Table A.

Table A. Forensic techniques to be included in the assessment

Technique	Diagnostic Value
Double ratio plots	Separates pyrogenic and petrogenic PAH sources.
Histogram fingerprints	Compares sample profiles and visually distinguish PAH sources.
Hierarchical cluster analysis (HCA)	Identifies similar and distinct groupings of samples.
Uniform manifold approximation and projection (UMAP)	Detects underlying relationships in datasets with many variables.
Reference library comparison	Provides anchor points to guide the grouping of site samples.
Cosine theta similarity	Calculates a direct, numerical assessment (match factor) of which samples are most source like.

Integrating results of these forensic techniques will support source differentiation, distinction between background and impacted areas, and evidence-based interpretation of site conditions.

Diagnostic Ratios and Double Ratio Plots

Diagnostic ratios are powerful forensic tools for determining the origin of PAHs by comparing the relative concentrations of specific PAHs. These ratios account for thermodynamic and kinetic stability, as well as weathering effects, ensuring source characteristics remain intact. For example, the fluoranthene/pyrene ratio distinguishes between petrogenic (low temperature, long time) and pyrogenic (high temperature, short time) origins. Fluoranthene, with a 5-membered ring, is less thermodynamically stable than pyrene, which contains only 6-membered rings. Ratios like fluoranthene/pyrene and indeno[1,2,3-cd]pyrene/benzo[ghi]perylene are

widely accepted for identifying transitions between petrogenic, petro-pyrogenic, and pyrogenic sources. Graphical tools such as double ratio plots and log-ratio-log plots visualize these ratios, helping identify single or mixed PAH sources in environmental samples. See Figure 1 for an example.

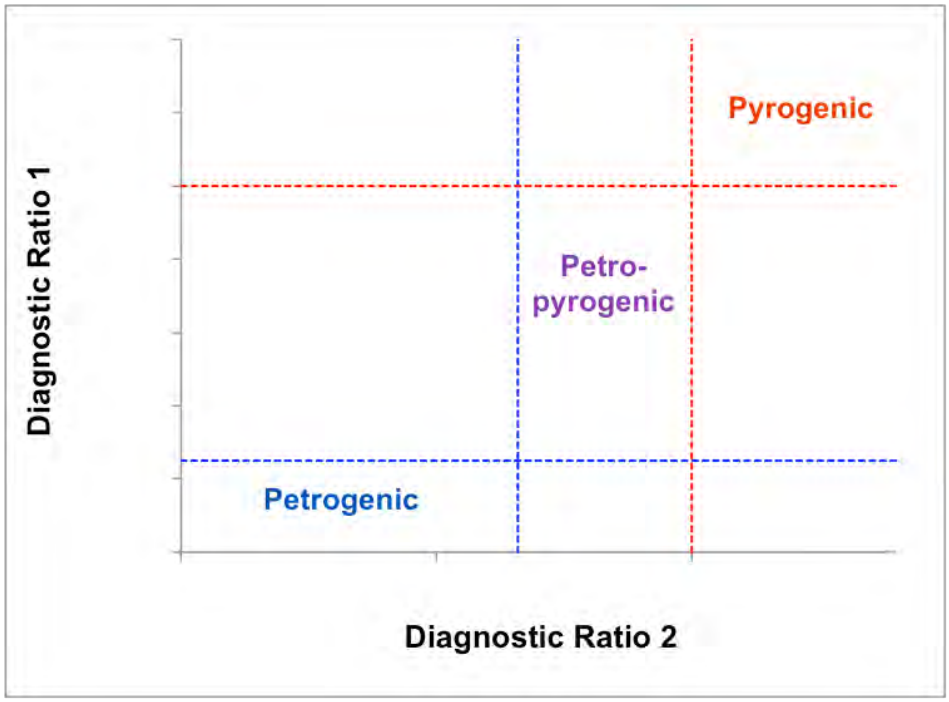


Figure 1. Annotated example of a double ratio plot.

Histogram Fingerprints

Histogram fingerprints plot PAH concentrations, with lighter PAHs on the left and heavier PAHs on the right. They are used to visually differentiate PAH origins, such as petrogenic (e.g., petroleum products), pyrogenic (e.g., coal-gas MGPs), and petro-pyrogenic (e.g., CWG MGPs or vehicular exhaust). Petrogenic sources typically show a bell-shaped pattern dominated by alkylated PAHs (Figure 2), while pyrogenic sources exhibit a scree-shaped pattern dominated by 16 priority PAHs due to high-temperature hydrodealkylation reactions (Figure 3). Mixed sources, like CWG MGP waste, show a shallower scree angle than plots representative of a single pyrogenic source. Weathering effects, such as reduced concentrations of lighter PAHs, must be considered when interpreting histograms. This method complements diagnostic ratios and helps distinguish CWG MGP sources from urban runoff, which often presents low concentrations of lighter PAHs due to extensive weathering.

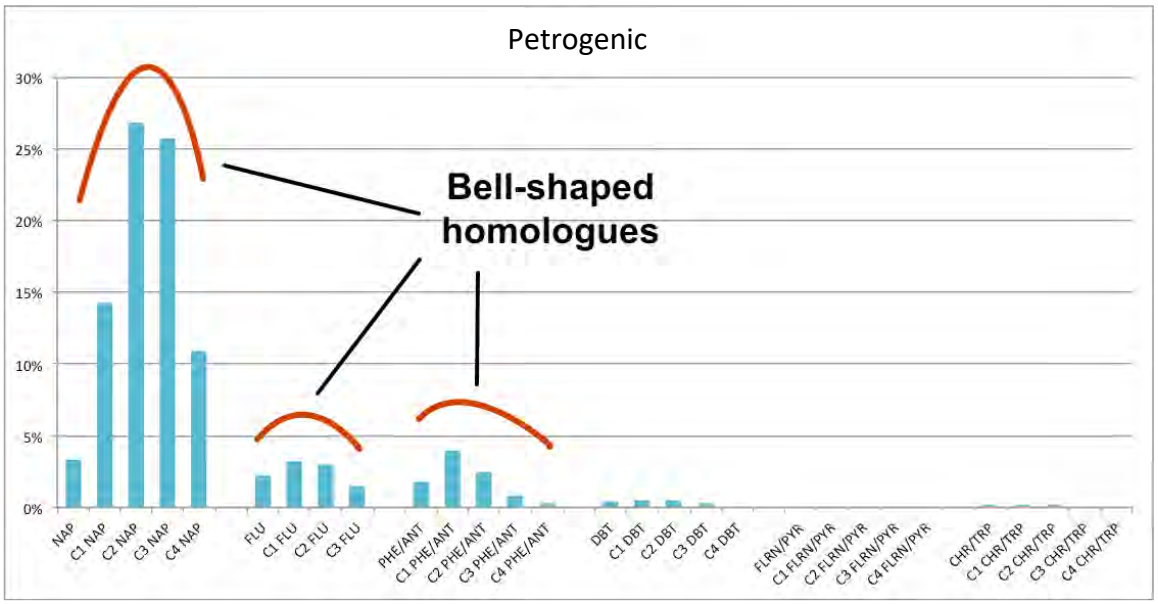


Figure 2. Histogram for petrogenic type sample.

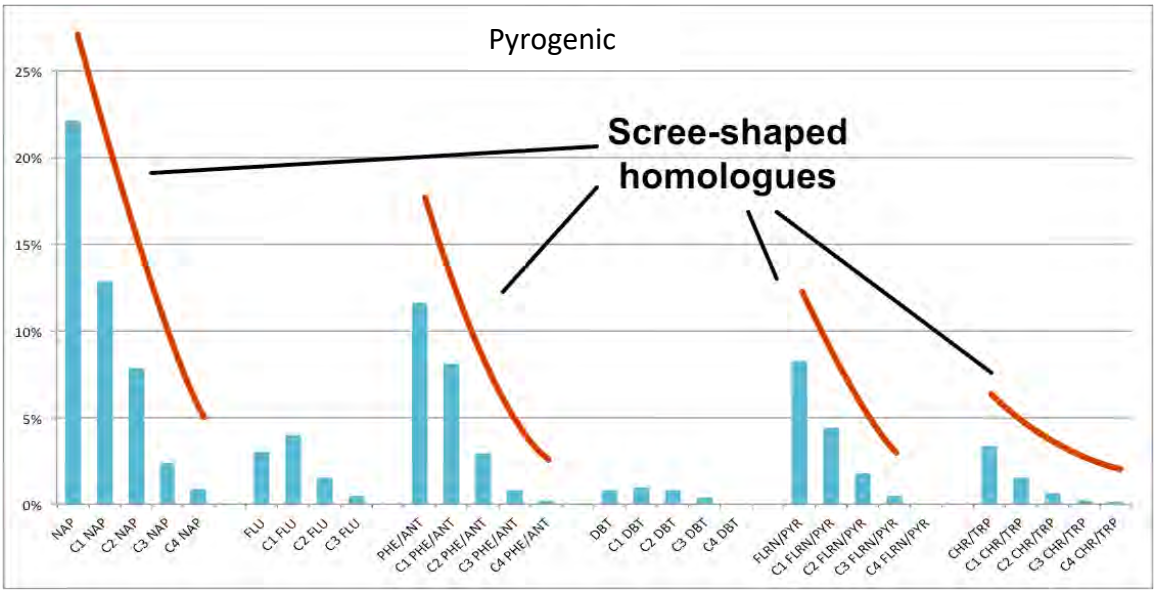


Figure 3. Histogram for pyrogenic type sample.

Hierarchical Cluster Analysis (HCA)

HCA is a statistical MDE technique used to group samples based on their degree of similarity or dissimilarity. It is a clustering method that organizes samples, so that those in the same group are more similar to each other than they are to samples in other groups. Groups are visually represented using a dendrogram. This dendrogram provides a clear, visual representation of multidimensional data, where the main branches define related groups of samples across the site. Clusters with the longest horizontal lines represent the most distinct (i.e., different) relationships. The main clusters identified by HCA should align with groupings observed through other multivariate dimensionality reduction techniques, helping to validate the overall interpretation.

Uniform Manifold Approximation and Projection (UMAP)

UMAP is a non-linear machine learning MDE algorithm that takes data with many dimensions (i.e., samples analyzed for multiple parameters) and simplifies it into a 2D or 3D visual. It works by first understanding the "shape" of the data in its original high-dimensional space, focusing on how close each data point is to its neighbors. It then creates a new, lower-dimensional representation that preserves these relationships, allowing us to see clusters and overall patterns that were previously hidden. Environmental professionals have traditionally used linear approaches such as principal component analysis (PCA) or a completely non-parametric technique, such as t-SNE. An underlying issue with using these reduction techniques is that it cannot completely capture the entirety of the multi-dimensional global data structure. Global data structure is defined as the complete variability (i.e., set of relationships) between chemical parameters and/or species in the data set.

If the dataset includes large magnitude differences (as is often the case with environmental data), the reduction of dimensionality comes at the cost of being constrained to a linear model that cannot account for all the variability. The non-linear dimensionality of UMAP accounts for the maximum potential variability in the data set. The ability of UMAP to rank order these points and preserve global structure leads to a more complete explanation of variability in the dataset and, as a result, it clusters similar fingerprints more effectively.

UMAP provides a visual of the multidimensional data in a two- or three-dimensional plane. Two-dimensions are generally used for communication of data in flat reporting structures. UMAP can have more than three dimensions, however, the first two dimensions often provide the most distinguishing differences for samples in the dataset, offering the best data spread to see the sample groupings. The two-dimensional plane in UMAP provides a statistical 'map' of the samples, where sample locations are based on chemical fingerprint and concentrations. The map is of similarity versus differences. Samples in proximity on these visualizations are most similar, and samples that are far apart are not very similar in chemical fingerprints or concentrations or both. This technique is used in the dimensionality reduction analysis of large datasets as part of the standardized workflow. Of all available multivariate techniques, similarity and differences of samples is often best visualized with UMAP.

Reference Source Comparisons

A set of refined reference source profiles was compiled from peer-reviewed literature, representing a range of well-characterized petrogenic and pyrogenic sources. Profiles were selected based on relevance to the site context and PAHs analyzed. Including these reference sources in the MDE provides anchor points to guide the grouping of site samples based on chemical similarity. When incorporated into techniques such as HCA or UMAP, these reference profiles can enhance interpretability by drawing site samples toward known source signatures, supporting more confident source attribution and pattern recognition.

Cosine Theta Similarity

Cosine Theta Similarity is a statistical method used to measure the degree of similarity between two chemical profiles by comparing the angle between their respective vectors in multidimensional space. This technique is particularly useful in environmental forensics for quantifying how closely a sample matches either another sample or a known source profile. Values closer to 1 indicate a high degree of similarity, while values near 0 suggest little to no resemblance. Calculating Cosine Similarity across all sample-to-sample and sample-to-source comparisons, helps determine which samples are likely to share a common origin or be influenced by the same source. This approach complements clustering and dimensionality reduction techniques by providing a direct, numerical assessment of profile alignment.

Preliminary Analysis

A preliminary analysis of available PAH data was carried out to determine the potential number and type of sources and where samples could be collected for alkylated PAH analysis to best characterize these sources. Chemical data were extracted from the provided laboratory reports and compiled into a standardized format suitable for forensic analysis. Non-detect (ND) values were statistically imputed to address left-censored data, ensuring that MDE techniques were not biased. The 16 priority PAHs were consistently reported across most samples. A subset of 26 samples also included results for alkylated PAHs. Once compiled and cleaned, the dataset was processed through a series of forensic techniques including clustering, UMAP, ratio analysis, and similarity metrics to identify trends, groupings, and potential source signatures. Preliminary interpretations based on these analyses were used to select locations and prepare the sampling strategy as suggested.

Data Summary

In total, 963 samples were tabulated with PAH analysis. Of these, only 681 samples had both fluoranthene (FLRN) and pyrene (PYR) detected. The FLRN/PYR ratio is a key metric used to distinguish between pyrogenic and petrogenic sources. For this ratio to be meaningful, both compounds must be detected. The dataset was further refined to focus on the detectability of the 16 priority PAHs. Samples were retained for MDE analysis if they had at least 10 PAHs with concentrations above detection limits. Additionally, a subset of samples was excluded due to elevated Practical Quantitation Limits (PQLs) reported in the laboratory data. In these cases, the PQL was used in place of the reported 'ND', but the PQL was higher than many of the actual detected

concentrations in the detected parameters. This introduced artificial signal into the analysis, so affected samples were removed to avoid skewing results.

Double Ratio Plot

All site samples with detected values of fluoranthene (FLRN), pyrene (PYR), indeno[1,2,3-cd]pyrene (IcdP), and benzo[ghi]perylene (BghiP) were plotted on the double ratio plot (Figure 4). Selected reference samples were also included. Samples plot in all regions of the double ratio plot, with 18 site samples plotting in the petrogenic section (bottom left square) and 55 site samples plotting in the pyrogenic section (top right square). Those two squares are the most definitive sections when using this plot, however, samples can possess petrogenic or pyrogenic qualities when plotting in other areas as well.

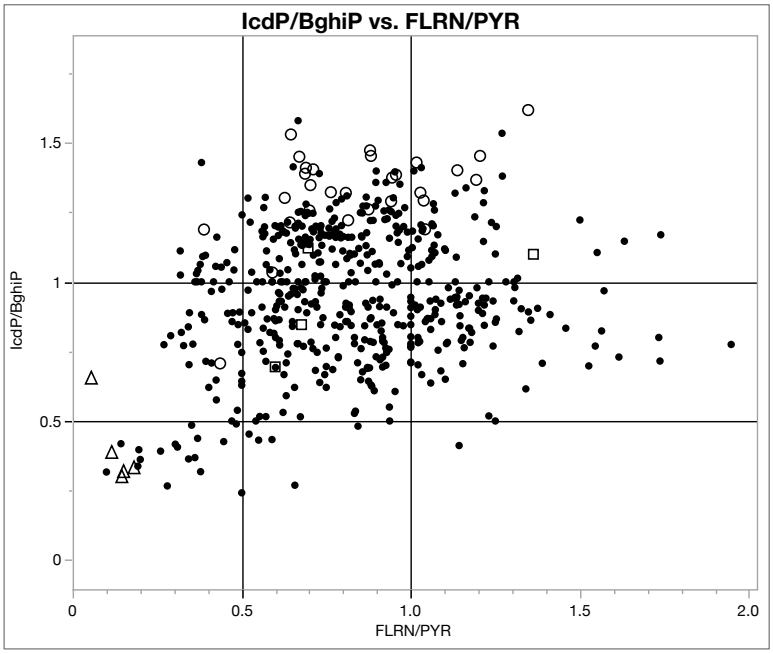


Figure 4. Double ratio plot with all data where fluoranthene (FLRN), pyrene (PYR), indeno[1,2,3-cd]pyrene (IcdP), and benzo[ghi]perylene (BghiP) were detected. Triangles are petrogenic references; squares are pyrogenic sources; open circles have alkylated results; closed circles are samples with 16 priority PAHs.

HCA and UMAP

HCA and UMAP were used in combination to identify groups of compositionally similar samples. All 16 priority PAHs were included initially; however, naphthalene was excluded from the analysis due to its high variability and inconsistent behavior, which is a common issue in PAH datasets. While naphthalene can sometimes serve as a useful indicator of specific sources, it often dominates or skews multivariate patterns, making it difficult to interpret relationships among the remaining PAHs. Given the types of sources suspected at the site (i.e., heavier products characterized by higher molecular weight PAHs), naphthalene was not considered a key diagnostic

compound for this project. As such, it was removed from the MDE analysis to improve clarity and prevent its variability from obscuring more relevant source relationships.

The MDE analysis (HCA and UMAP plots) are shown in Figure 5. All groups were coloured based on the HCA clusters, and colours were carried over to the UMAP to visually demonstrate consistency. The data split into four distinct clusters represented by orange, green, purple and blue on the plots, with the green cluster being further split into three sub-clusters. Each cluster represents different potential source influences to be further characterized via the sampling program and analysis for alkylated PAHs. Groups identified were dominated by pyrogenic signatures, petrogenic signatures, or a mixture of both. Reference source profiles were included in the analysis to help anchor interpretation, with pyrogenic references aligning with the orange group and petrogenic references with the purple group. Urban background profiles may also be present.

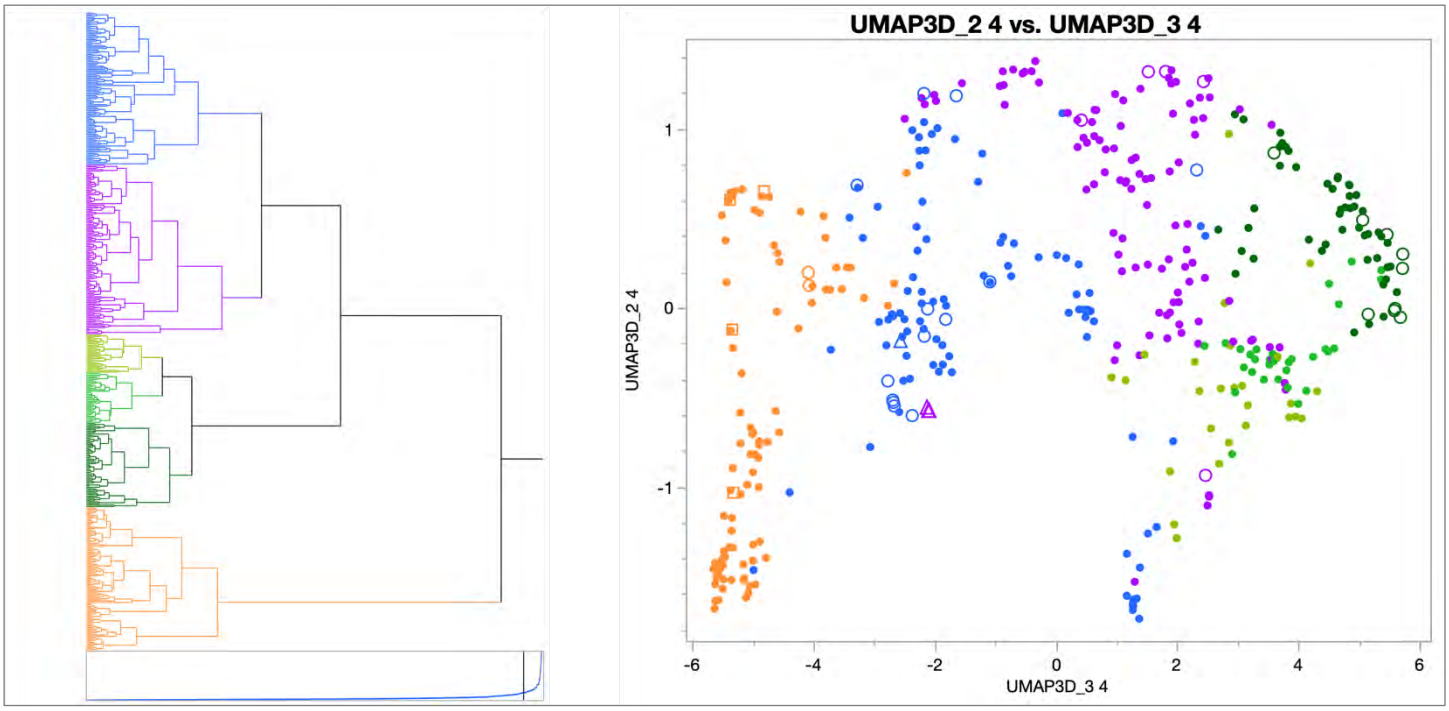


Figure 5. HCA and UMAP from preliminary analysis.

Geospatial locations of samples are shown on Figure 6 with each sample location coloured to match the statistical coloured cluster it belongs to. This shows how each potential source of PAHs is distributed across the site.



Figure 6. Geospatial locations of samples coloured to represent separate potential PAH sources at the site.

Histogram Fingerprints

Histogram fingerprints of the 16 priority PAHs provide limited context about sources. Basic ratios, as seen in the double ratio plot, can also be visualized in the 16 PAH fingerprint. Histogram fingerprints were used to verify that groupings from HCA and UMAP separated the main potential sources represented in the dataset. Changing histogram profiles are used to define the boundaries of clusters in the HCA and UMAP. This helps define where one potential source ends and the next begins and also ensures that clusters represent a unique fingerprint instead of differing concentrations. Histogram profiles supported the presence of four main clusters (i.e., potential sources) in the dataset.

The low number of samples with alkylated PAH data did not allow for characterization of potential sources represented in the dataset. All but two samples with alkylated PAH data presented as pyrogenic in nature; the remaining two were petrogenic in nature (WW-SB-245 from 5-10 ft and WW-SB-248 from 5-15 ft). This data will be incorporated into the alkylated dataset collected during the upcoming sampling event and used as part of the forensic analysis.

Selection of Sample Locations for the Upcoming Sampling Event

Sampling locations and alkylated PAH analysis for the upcoming sampling must be strategically planned to help further refine and confirm the coloured groupings and associated PAH sources shown on Figure 5 and Figure 6.

Analytical Requirements

Robust and defensible forensic data analysis requires consideration and satisfaction of key variables wherever practicable.

Depth Interval Selection

Soils should be logged and classified across the entire depth of drilling. Depth intervals for sampling were suggested based on historical sample locations with the highest amounts of detectable 16 priority PAH compounds for each source from the preliminary 16 priority PAH data analysis. In the field, final sampling intervals should be selected based on the most source-like (i.e., impacted) interval that appears to represent contamination identified in historical samples from that location.

Sample Screening

It is understood that the project budget includes collection of four samples per borehole. It is preferred that additional samples be collected and put on hold for potential analysis as required. Where there is any doubt as to whether a particular sample will have detectable PAHs, samples should be analyzed for 16 priority PAHs first. Samples to be sent for alkylated PAH analysis should be selected from samples with the most detectable 16 priority PAH compounds.

Free Product Samples

At any time during the investigation, if a free product or very highly contaminated sample is discovered, a sample should be collected at this location. These types of samples are extremely valuable for forensic fingerprinting, and priority should be given to collect these samples whenever possible, regardless of whether that location was to be sampled for forensic samples at that depth. All free product and high concentration samples should be collected during the investigation and sent to the laboratory for storage and possible analysis. After the field work is completed, all free product and high concentration samples will be considered for alkylated PAH analysis.

Laboratory Detection Limits

The reporting limit is the limit of detection for a specific target analyte for a specific sample after any adjustments have been made for dilutions or percent moisture. The project laboratories must work to achieve the lowest possible reporting limit and will perform sample analysis on undiluted samples whenever possible.

Appendix C: Soil HCA Clusters

Appendix C
Soil HCA Clusters

Sample Name	Start Depth (ft)	End Depth (ft)	Sum PAH16 (mg/kg)	Sum PAH43 (mg/kg)	Matrix	HCA Description	HCA Colour	HCA Cluster
WW-SB-249_10-25	10	25	4541	7535	Soil	Coal tar	Purple	Cluster 1
WW-SB-249_15-20	15	20	2415	3836	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-02-23-25	23	25	13.17	30.42	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-03-18-20	18	20	16.36	50.95	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-03-28-30	28	30	14.61	29.07	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-05-20-22	20	22	907.7	1659	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-07-20-22	20	22	53.45	130.3	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-07-AR-25-27	25	27	112.4	193.9	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-07-AR-50-51	50	51	2024	3616	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-07-58-60	58	60	15770	29350	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-07-AR-63-65	63	65	21020	39070	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-07-68-70	68	70	6.874	13.9	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-08-AR-30-30.5	30	30.5	3645	5981	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-08-AR-39.5-40	39.5	65.5	3119	5165	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-08-48-50	48	50	2941	4959	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-08-AR-65-65.5	65	65.5	470.2	787.1	Soil	Coal tar	Purple	Cluster 1
224402-SB-PR-08-68-70	68	70	226.6	392	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-01-18-20	18	20	119.8	214.1	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-02-AR-31-31.5	31	31.5	43.47	89.47	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-02-58-60	58	60	131.3	267.4	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-03-AR-07-08	7	8	1929	4331	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-03-11-13	11	13	908.8	1700	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-04-12-14	12	14	109.2	200.6	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-04-17-19	17	19	1316	2538	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-04-AR-25-25.5	25	25.5	100.4	195.2	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-04-AR-30-30.5	30	30.5	114.7	263.6	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-05-AR-30-32	30	32	1109	1957	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-05-AR-32-34	32	34	1088	1968	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-05-AR-45-47	45	47	775.6	1406	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-05-48-50	48	50	237.4	416.2	Soil	Coal tar	Purple	Cluster 1
224402-SB-WI-05-78-80	78	80	24	46.35	Soil	Coal tar	Purple	Cluster 1
PR-MW-B1S	-	53.5	137700	259400	NAPL	Coal tar	Purple	Cluster 1
WI-MW2123	30	40	121600	215400	NAPL	Coal tar	Purple	Cluster 1
PR-MW2002	20	55	50.08	75.05	NAPL	Coal tar	Purple	Cluster 1
PR-MW2004	28	58	6.381	9.14	NAPL	Coal tar	Purple	Cluster 1
PR-MW2006	15	50	5.673	7.697	NAPL	Coal tar	Purple	Cluster 1
PR-DUP-01	15	50	4.287	5.903	NAPL	Coal tar	Purple	Cluster 1
WI-MW2117	3	13	6.971	10.99	NAPL	Coal tar	Purple	Cluster 1
WI-MW-2145	20, 35	30, 60	503.5	876.1	NAPL	Coal tar	Purple	Cluster 1
WI-MW-2146	5	15	0.01927	0.06855	NAPL	Coal tar	Purple	Cluster 1
WI-MW-2648	-	-	0.03044	0.07009	NAPL	Coal tar	Purple	Cluster 1
MW-CT-11	22	42	1.123	2.637	NAPL	Coal tar	Purple	Cluster 1
224341-SB-CT-03-12-14	12	14	10.81	58.42	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-03-17-19	17	19	4.356	19.15	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-04-08-10	8	10	20.89	109.3	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-04-AR-14-15	14	15	50.33	385.7	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-05-AR-11-12	11	12	2.714	39.32	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-05-AR-13-15	13	15	46	115.6	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-05-14-16	14	16	1.284	20.55	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-06-12-14	12	14	2.517	51.81	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-07-18-20	18	20	18.18	132.3	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-07-28-30	28	30	15.7	124.2	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-09-15-17	15	17	4.494	32.76	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-DUP-03	15	17	2.065	26.1	Soil	Petroleum	Red	Cluster 2
224341-SB-CT-10-AR-11-13	11	13	1.016	8.136	Soil	Petroleum	Red	Cluster 2
224402-SB-PR-02-07-09	7	9	29.49	99.97	Soil	Petroleum	Red	Cluster 2
224402-SB-PR-03-AR-14-15	14	15	44.02	108.8	Soil	Petroleum	Red	Cluster 2
224402-SB-PR-04-08-10	8	10	64.37	438.4	Soil	Petroleum	Red	Cluster 2
224402-SB-PR-06-09-11	9	11	8.22	77.34	Soil	Petroleum	Red	Cluster 2
224402-SB-PR-DUP-02	9	11	2.417	15.81	Soil	Petroleum	Red	Cluster 2
224402-SB-PR-07-07-09	7	9	3.992	21.14	Soil	Petroleum	Red	Cluster 2
PR-B-33/MW-33	-	9.18	884.1	8134	NAPL	Petroleum	Red	Cluster 2
WW-SB-210_5-10	5	10	368.6	706.3	Soil	Weathered coal tar	White	Cluster 3
WW-SB-210_10-15	10	15	165.5	300	Soil	Weathered coal tar	White	Cluster 3
Duplicate ofWW-SB-210_10-15	10	15	389.9	700.3	Soil	Weathered coal tar	White	Cluster 3
WW-TP-202B_12	-	12	1254	2335	Soil	Weathered coal tar	White	Cluster 3
WW-SB-253_10-15	10	15	494.3	686.9	Soil	Weathered coal tar	White	Cluster 3
WW-TP-203A_2.5	-	2.5	484.7	835.1	Soil	Weathered coal tar	White	Cluster 3
WW-SB-249_0-5	0	5	790.5	1104	Soil	Weathered coal tar	White	Cluster 3
224341-SB-CT-01-14-16	14	16	17.22	32.92	Soil	Weathered coal tar	White	Cluster 3
224341-SB-CT-01-AR-23-24	23	24	105.3	171.2	Soil	Weathered coal tar	White	Cluster 3
224341-SB-CT-01-30-32	30	32	212	336.3	Soil	Weathered coal tar	White	Cluster 3
224341-SB-CT-02-20-22	20	22	202	340.5	Soil	Weathered coal tar	White	Cluster 3
224341-SB-CT-09-08-10	8	10	22.13	45.18	Soil	Weathered coal tar	White	Cluster 3
224341-SB-CT-11-05-07	5	7	735.4	1038	Soil	Weathered coal tar	White	Cluster 3
224402-SB-PR-01-24-26	24	26	291.1	752.6	Soil	Weathered coal tar	White	Cluster 3
224402-SB-PR-03-00-0.5	0	0.5	28.99	68.38	Soil	Weathered coal tar	White	Cluster 3
224402-SB-PR-03-20-22	20	22	51.97	117.8	Soil	Weathered coal tar	White	Cluster 3
224402-SB-WI-01-22-24	22	24	12180	17890	Soil	Weathered coal tar	White	Cluster 3
224402-SB-WI-01-AR-31-33	31	33	577.6	818.8	Soil	Weathered coal tar	White	Cluster 3
PR-MW2000	20	55	0.01935	0.03654	NAPL	Weathered coal tar	White	Cluster 3
WW-SB-204_0-5	0	5	112.8	168.9	Soil	Highly weathered coal tar	Green	Cluster 4
WW-SB-204_5-10	5	10	111.7	181.2	Soil	Highly weathered coal tar	Green	Cluster 4
WW-SB-224_5-10	5	10	418.6	671.2	Soil	Highly weathered coal tar	Green	Cluster 4

Appendix C
Soil HCA Clusters

Sample Name	Start Depth (ft)	End Depth (ft)	Sum PAH16 (mg/kg)	Sum PAH43 (mg/kg)	Matrix	HCA Description	HCA Colour	HCA Cluster
WW-SB-224_15-20	15	20	814.6	1494	Soil	Highly weathered coal tar	Green	Cluster 4
WW-TP-202C_10	-	10	2282	3633	Soil	Highly weathered coal tar	Green	Cluster 4
WW-TP-203B_14	-	14	1936	3123	Soil	Highly weathered coal tar	Green	Cluster 4
WW-SB-227_0-5	0	5	25.57	37.45	Soil	Highly weathered coal tar	Green	Cluster 4
WW-SB-245_0-5	0	5	180.9	242.1	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SS-PR-01-00-0.5	0	0.5	19.51	37.97	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-PR-02-00-0.5	0	0.5	5.277	11.26	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-PR-04-00-0.5	0	0.5	25.19	40.84	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-PR-06-00-0.5	0	0.5	4.558	7.682	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-PR-08-10-16	10	16	4.349	7.665	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-WI-01-00-0.5	0	0.5	265	365.7	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-WI-DUP-01	0	0.5	149.2	234.9	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-WI-02-00-0.5	0	0.5	86.11	137.9	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-WI-02-05-07	5	7	78.55	129.9	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-WI-02-18-20	18	20	74.78	152.8	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-WI-02-AR-29-30	29	30	255.8	428.1	Soil	Highly weathered coal tar	Green	Cluster 4
224402-SB-WI-03-00-0.5	0	0.5	6.439	13.1	Soil	Highly weathered coal tar	Green	Cluster 4
WW-SB-212_10-15	10	15	192.1	684.1	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
WW-SB-251_6-9	6	9	690.8	1408	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
WW-TP-200C_10	-	10	561.1	1730	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
WW-TP-201B_10.5	-	10.5	518.4	2010	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
WW-TP-202A_10	-	10	2062	5124	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
Duplicate ofWW-SB-253_0-5	0	5	7.759	17.65	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
WW-SB-246_10-13	10	13	116.9	291.9	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
WW-SB-248_5-14	5	14	18.27	64.41	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
224341-SB-CT-02-18-20	18	20	32.19	92.22	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
224341-SB-CT-06-33-35	33	35	239.2	919.8	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
224402-SB-PR-01-12-14	12	14	676.7	2049	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
224402-SB-PR-05-08-10	8	10	17.15	46.21	Soil	Mixed coal tar and petroleum	Pink	Cluster 5
WW-SB-253_0-5	0	5	20.13	31.15	Soil	Combustion Ash	Yellow	Cluster 6
WW-SB-246_0-5	0	5	8.202	12.76	Soil	Combustion Ash	Yellow	Cluster 6
WW-SB-248_0-5	0	5	15.79	26.61	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-01-00-0.5	0	0.5	30.96	44.56	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-DUP-02	0	0.5	8.733	13.23	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-03-AR-20-21	20	21	62.47	101.3	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-04-00-0.5	0	0.5	4.75	7.279	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-05-00-0.5	0	0.5	13.25	19.86	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-05-07-09	7	9	8.379	12.96	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-06-00-0.5	0	0.5	14.06	21.14	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-07-00-0.5	0	0.5	29.76	44.62	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-08-AR-13-14	13	14	54.45	77.7	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-09-00-0.5	0	0.5	7.834	11.88	Soil	Combustion Ash	Yellow	Cluster 6
224341-SB-CT-11-22-24	22	24	156.9	253.8	Soil	Combustion Ash	Yellow	Cluster 6
224402-SB-PR-05-00-0.5	0	0.5	78.65	116.1	Soil	Combustion Ash	Yellow	Cluster 6
SB-PR-07-00-0.5	0	0.5	16.07	29.37	Soil	Combustion Ash	Yellow	Cluster 6
SB-PR-08-00-0.5	0	0.5	12.32	18.72	Soil	Combustion Ash	Yellow	Cluster 6

Appendix D: Soil and Sediment Apportionment Results

Appendix D
Soil and Sediment Apportionment Results

Sample Name	Start Depth (ft)	End Depth (ft)	Sum PAH16 (mg/kg)	Sum PAH43 (mg/kg)	End-Member 1	End-Member 2	End-Member 3	End-Member 4
Sediment								
224402-SED-BI-01-00-0.5	0	0.5	18.47	36.52	42.9	26.7	13.6	16.7
224402-SED-BI-01-18-20	18	20	367	607.3	35.6	41.3	3.96	19.2
224402-SED-BI-01-23-25	23	25	0.3604	0.5935	23.2	45.5	5.6	25.7
224402-SED-BI-02-00-0.5	0	0.5	10.72	22.42	60.2	10.2	20.9	8.71
224402-SED-BI-02-AR-18-18.5	18	18.5	40.65	88.36	15.8	19.6	1.23E-14	64.7
224402-SED-BI-03-00-0.5	0	0.5	74.62	233.6	2.58	15	4.72E-04	82.4
224402-SED-BI-03-19-20	19	20	28.73	64.41	21	30.1	14.2	34.7
224402-SED-BI-04-00-0.5	0	0.5	59.69	166.1	16.5	30.1	29.7	23.7
224402-SED-BI-Dup-03	0	0.5	60.84	201.6	17	21.8	37.5	23.7
224402-SED-BI-04-14-16	14	16	317	670.5	24.2	43.4	18.3	14.1
224402-SED-BI-04-AR-18.5-19	18.5	19	0.05018	0.1189	12.1	42	24	22
224402-SED-BI-05-00-0.5	0	0.5	7.207	14.72	66.5	8.14	18.3	7.11
224402-SED-BI-05-33-35	33	35	43.69	147.5	10.6	24.1	29.8	35.5
224402-SED-BI-06-00-0.5	0	0.5	17.14	62.33	20.3	5.05	33.4	41.2
224402-SED-BI-06-10-12	10	12	278.5	740.8	16.2	41.1	31.5	11.2
224402-SED-BI-07-00-0.5	0	0.5	65.93	130.8	43.3	23.1	21.2	12.5
224402-SED-BI-07-10-12	10	12	4.979	12.29	39.4	13.5	34	13.1
224402-SED-BI-DUP-07	10	12	6.871	17.82	40.6	9.7	35.6	14.1
224402-SED-BI-07-20-30	20	30	1.523	4.147	35	11.7	35.8	17.5
224402-SED-BI-07-AR-32.5-33	32.5	33	0.2303	0.7391	16.5	21.6	29.4	32.5
224402-SED-BI-07-AR-35-35.5	35	35.5	0.01606	0.06251	36.7	6.51	24.9	31.9
224402-SED-BI-08-00-0.5	0	0.5	10.9	28.64	49.2	3.41	37.6	9.75
224402-SED-BI-08-10-12	10	12	0.1106	0.4154	26.2	6.25	44.2	23.4
224402-SED-BI-09-00-0.5	0	0.5	27.84	122.9	25.7	4.66	61.2	8.36
224402-SED-BI-09-08-10	8	10	285.7	805	17.4	36	34.8	11.8
224402-SED-BI-09-12-14	12	14	144.6	411.4	13.1	49	35.4	2.51
224402-SED-BI-10-08-10	8	10	0.07527	0.1778	18.1	31.3	43.2	7.36
224402-SED-BI-10-40-42	40	42	0.03266	0.08999	15	33.5	40	11.5
224402-SED-BI-10-58-60	58	60	0.006721	0.02722	32.1	2.44E-07	47.3	20.6
224402-SED-BI-11-00-0.5	0	0.5	24.92	53.44	48.4	8.18	32.5	10.9
224402-SED-BI-11-12-14	12	14	92.54	358.2	14.9	11	35.4	38.7
224402-SED-BI-11-20-22	20	22	62.7	266.9	12.3	10.4	39.3	38
224402-SED-BI-12-00-0.5	0	0.5	138.9	915.3	8.71	0.585	58.4	32.3
224402-SED-BI-12-05-20	5	20	264.6	1038	11.3	15.2	31.9	41.6
224341-SED-BI-12-AR-20.5-21.0	20.5	21	203.2	854.9	7.55	17.6	35.2	39.6
224402-SED-BI-12-23-25	23	25	2147	5704	3.95	78.4	17.6	0.0274
Soil								
WW-SB-204_0-5	0	5	112.8	168.9	80.3	16.6	2.5	0.572
WW-SB-204_5-10	5	10	111.7	181.2	84.6	0.243	11.5	3.66
WW-SB-210_5-10	5	10	368.6	706.3	50.1	31.4	18.1	0.415
WW-SB-210_10-15	10	15	165.5	300	38.5	51.4	9.5	0.653
Duplicate ofWW-SB-210_10-15	10	15	389.9	700.3	50.9	38.3	10.3	0.481
WW-SB-212_10-15	10	15	192.1	684.1	29.6	23.3	47.1	0.0192
WW-SB-224_5-10	5	10	418.6	671.2	81.9	11.9	6.21	0.0119
WW-SB-224_15-20	15	20	814.6	1494	63.1	28.3	8.38	0.214
WW-SB-251_6-9	6	9	690.8	1408	25.6	64.4	9.82	0.183
WW-TP-200C_10	-	10	561.1	1730	28.6	45.8	25.1	0.56
WW-TP-201B_10.5	-	10.5	518.4	2010	24.9	35.9	38.7	0.544
WW-TP-202A_10	-	10	2062	5124	28.1	54.9	14.6	2.31
WW-TP-202B_12	-	12	1254	2335	32.8	50.4	10.3	6.54
WW-TP-202C_10	-	10	2282	3633	78.5	13.3	8.14	0.0031
WW-TP-203B_14	-	14	1936	3123	76.7	14.9	8.41	0.00639
Duplicate ofWW-SB-253_0-5	0	5	7.759	17.65	51	10.4	35.8	2.71
WW-SB-253_10-15	10	15	494.3	686.9	46.7	52.4	1.96E-14	0.887
WW-SB-227_0-5	0	5	25.57	37.45	87.1	7.77	3.96	1.2
WW-TP-203A_2.5	-	2.5	484.7	835.1	42.6	54.1	2.9	0.351
WW-SB-245_0-5	0	5	180.9	242.1	98.1	1.6	0.128	0.172
WW-SB-245_5-10	5	10	0.3821	1.899	32.4	1.58E-14	52.8	14.8
WW-SB-246_10-13	10	13	116.9	291.9	27.1	42.4	27.7	2.84
WW-SB-248_5-14	5	14	18.27	64.41	22.3	25.2	50.9	1.56
WW-SB-249_0-5	0	5	790.5	1104	50.3	48.9	1.96E-14	0.753
WW-SB-249_10-25	10	25	4541	7535	15.9	80.3	3.14	0.601
WW-SB-249_15-20	15	20	2415	3836	18.1	80.5	0.225	1.23
224341-SB-CT-01-14-16	14	16	17.22	32.92	53.3	31.5	9.43	5.79
224341-SB-CT-01-AR-23-24	23	24	105.3	171.2	32.2	60.6	0.431	6.75
224341-SB-CT-01-30-32	30	32	212	336.3	42.2	53.9	0.905	2.99
224341-SB-CT-02-18-20	18	20	32.19	92.22	30.4	44.1	24.2	1.29
224341-SB-CT-02-20-22	20	22	202	340.5	41.5	42.3	2.31	13.9
224341-SB-CT-03-12-14	12	14	10.81	58.42	8.69	10.9	80.4	0.0296
224341-SB-CT-03-17-19	17	19	4.356	19.15	4.15	15.3	30.4	50.2
224341-SB-CT-03-AR-20-21	20	21	62.47	101.3	57.9	31	2.43	8.63
224341-SB-CT-04-08-10	8	10	20.89	109.3	14.7	13.3	65.3	6.62
224341-SB-CT-04-AR-14-15	14	15	50.33	385.7	1.11	20.9	71.7	6.28

Appendix D
Soil and Sediment Apportionment Results

Sample Name	Start Depth (ft)	End Depth (ft)	Sum PAH16 (mg/kg)	Sum PAH43 (mg/kg)	End-Member 1	End-Member 2	End-Member 3	End-Member 4
224341-SB-CT-04-23-25	23	25	0.9166	2.163	5.41	66.2	25.6	2.85
224341-SB-CT-04-25-27	25	27	0.182	0.3508	7.58	49.8	25.8	16.9
224341-SB-CT-05-AR-11-12	11	12	2.714	39.32	4.54	1.08	94.4	0.00145
224341-SB-CT-05-AR-13-15	13	15	46	115.6	1.61E-14	13.5	82.4	4.15
224341-SB-CT-05-14-16	14	16	1.284	20.55	5.38	0.471	94	0.18
224341-SB-CT-05-23-25	23	25	0.0887	0.2245	24.7	1.62E-14	69	6.27
224341-SB-CT-06-12-14	12	14	2.517	51.81	1.32	2.94	95.7	0.0506
224341-SB-CT-06-33-35	33	35	239.2	919.8	11.2	18.1	35.1	35.6
224341-SB-CT-07-14-16	14	16	0.9315	1.362	34.6	53.5	0.179	11.7
224341-SB-CT-07-18-20	18	20	18.18	132.3	13.5	26	42.6	18
224341-SB-CT-07-28-30	28	30	15.7	124.2	6.9	28.5	56.6	7.99
224341-SB-CT-09-08-10	8	10	22.13	45.18	38.6	28.6	27.4	5.45
224341-SB-CT-09-15-17	15	17	4.494	32.76	7.51	10.1	78.7	3.63
224341-SB-CT-DUP-03	15	17	2.065	26.1	0.938	4.41	90.7	3.92
224341-SB-CT-10-AR-11-13	11	13	1.016	8.136	10.9	2.97E-12	89.1	0.00271
224341-SB-CT-11-05-07	5	7	735.4	1038	48.5	50.4	0.151	0.892
224402-SS-PR-01-00-0.5	0	0.5	19.51	37.97	80.7	1.45	17.7	0.119
224402-SB-PR-01-12-14	12	14	676.7	2049	18.2	35.8	42.4	3.6
224402-SB-PR-01-24-26	24	26	291.1	752.6	37	12.4	27.2	23.4
224402-SB-PR-02-00-0.5	0	0.5	5.277	11.26	74.7	1.82E-14	24.1	1.14
224402-SB-PR-02-07-09	7	9	29.49	99.97	45.2	1.46E-14	19.2	35.5
224402-SB-PR-02-23-25	23	25	13.17	30.42	17.2	65.8	7.4	9.58
224402-SB-PR-03-00-0.5	0	0.5	28.99	68.38	42.1	26.8	23.7	7.27
224402-SB-PR-03-AR-14-15	14	15	44.02	108.8	14.5	9.16	70.4	5.96
224402-SB-PR-03-18-20	18	20	16.36	50.95	1.57E-14	43.6	29.8	26.6
224402-SB-PR-03-20-22	20	22	51.97	117.8	11.4	25.9	1.97	60.8
224402-SB-PR-03-28-30	28	30	14.61	29.07	18.1	62.1	6.9	12.8
224402-SB-PR-04-00-0.5	0	0.5	25.19	40.84	85.8	5.42	8.24	0.513
224402-SB-PR-04-08-10	8	10	64.37	438.4	25.5	4.37	70.1	0.0391
224402-SB-PR-04-AR-29-29.5	29	29.5	0.02153	0.04006	49	28.1	23	1.87E-14
224402-SB-PR-05-08-10	8	10	17.15	46.21	24.2	39.7	34.4	1.79
224402-SB-PR-05-20-22	20	22	907.7	1659	18.1	70.4	3.16	8.32
224402-SB-PR-06-00-0.5	0	0.5	4.558	7.682	86.6	1.63	11.1	0.657
224402-SB-PR-06-09-11	9	11	8.22	77.34	0.521	0.542	0.867	98.1
224402-SB-PR-DUP-02	9	11	2.417	15.81	3.48	0.492	8.59	87.4
224402-SB-PR-06-30-32	30	32	0.1041	0.2199	13.8	50.8	20.1	15.3
224402-SB-PR-06-68-70	68	70	0.03434	0.0579	35.9	44.3	10.5	9.29
224402-SB-PR-07-07-09	7	9	3.992	21.14	19.3	2.36	67.2	11.2
224402-SB-PR-07-20-22	20	22	53.45	130.3	8.8	86.6	4.57	0.00592
224402-SB-PR-07-AR-25-27	25	27	112.4	193.9	8.86	87.1	4.07	4.51E-04
224402-SB-PR-07-AR-50-51	50	51	2024	3616	5.64	87	7.38	2.34E-04
224402-SB-PR-07-58-60	58	60	15770	29350	2.52	89.5	8.02	2.79E-06
224402-SB-PR-07-AR-63-65	63	65	21020	39070	3.26	87.1	9.59	0.00578
224402-SB-PR-07-68-70	68	70	6.874	13.9	9.71	77.5	12.8	0.0014
224402-SB-PR-08-10-16	10	16	4.349	7.665	67.1	20.7	11.4	0.762
224402-SB-PR-08-AR-30-30.5	30	30.5	3645	5981	2.78	94.6	2.59	0.000248
224402-SB-PR-08-AR-39.5-40	39.5	65.5	3119	5165	3.25	94.3	2.46	5.99E-05
224402-SB-PR-08-48-50	48	50	2941	4959	2.27	93.8	3.9	0.00997
224402-SB-PR-08-AR-65-65.5	65	65.5	470.2	787.1	3.23	92.9	3.47	0.392
224402-SB-PR-08-68-70	68	70	226.6	392	2.57	94.1	3.3	1.22E-04
224402-SB-WI-01-00-0.5	0	0.5	265	365.7	96.1	2.14	1.42	0.321
224402-SB-WI-DUP-01	0	0.5	149.2	234.9	85.2	10.2	4.66	0.00292
224402-SB-WI-01-18-20	18	20	119.8	214.1	20.9	73	5.98	0.117
224402-SB-WI-01-22-24	22	24	12180	17890	25.7	74.3	0.00637	0.00183
224402-SB-WI-01-AR-31-33	31	33	577.6	818.8	26.7	73.3	1.99E-14	3.76E-04
224402-SB-WI-01-AR-63-63.5	63	63.5	0.05079	0.1157	33.7	24.1	20.5	21.7
224402-SB-WI-02-00-0.5	0	0.5	86.11	137.9	81.8	12.9	5.29	1.71E-04
224402-SB-WI-02-05-07	5	7	78.55	129.9	79.6	13	6.82	0.589
224402-SB-WI-02-18-20	18	20	74.78	152.8	52.3	22.8	24	0.859
224402-SB-WI-02-AR-29-30	29	30	255.8	428.1	74	22.3	2.27	1.42
224402-SB-WI-02-AR-31-31.5	31	31.5	43.47	89.47	18.6	55.9	5.68	19.8
224402-SB-WI-02-58-60	58	60	131.3	267.4	9.07	75.9	9.62	5.37
224402-SB-WI-03-00-0.5	0	0.5	6.439	13.1	71.7	6.1	21	1.23
224402-SB-WI-03-AR-07-08	7	8	1929	4331	7.66	73.8	18.6	0.00104
224402-SB-WI-03-11-13	11	13	908.8	1700	23.1	69.1	7.72	0.00667
224402-SB-WI-04-12-14	12	14	109.2	200.6	17.7	76.7	5.17	0.424
224402-SB-WI-04-17-19	17	19	1316	2538	5.51	84.5	9.96	0.00212
224402-SB-WI-04-AR-25-25.5	25	25.5	100.4	195.2	5.98	86.4	7.31	0.352
224402-SB-WI-04-AR-30-30.5	30	30.5	114.7	263.6	5.39	83.4	10.8	0.439
224402-SB-WI-05-AR-30-32	30	32	1109	1957	2.83	94.3	2.86	2.01E-14
224402-SB-WI-05-AR-32-34	32	34	1088	1968	4.91	92.5	2.53	0.0215
224402-SB-WI-05-AR-45-47	45	47	775.6	1406	2.63	88.7	8.58	0.0591
224402-SB-WI-05-48-50	48	50	237.4	416.2	2.81	87.3	9.88	0.0226
224402-SB-WI-05-78-80	78	80	24	46.35	8.85	82.4	8.75	3.56E-04

Appendix E: Groundwater Summary

Appendix E
Groundwater Summary

Location	Sample Date	Characterization	Sum PAH16 (mg/L)	Well Depth (ft bgs)
WW-MW-204I	2025-10-07	Unweathered Coal Tar	4404	50.2
WW-MW-210I	2025-10-02	Unweathered Coal Tar	3835	39.43
WW-MW-209D	2025-10-02	Unweathered Coal Tar	447.9	45.04
MW-CT-03	2025-09-29	Unweathered Coal Tar	135.9	26.01
MW-CT-05	2025-10-03	Unweathered Coal Tar	84.6	26.01
MW-CT-10	2025-10-06	Unweathered Coal Tar	48.1	26.87
MW-PR-03	2025-10-08	Uncharacterized	397.1	23.4
WW-MW-206	2025-10-07	Uncharacterized	185.6	15.5
WW-MW-201S (WW-MW-201)	2025-10-07	Uncharacterized	63.78	19.9
WW-MW-202	2025-10-07	Uncharacterized	60.36	24.29
MW-2159	2025-10-03	Uncharacterized	28.8	15.64
MW-CT-01	2025-09-29	Uncharacterized	28.3	20.07
MW-PR-05	2025-09-30	Uncharacterized	22.89	23.8
MW-CT-08	2025-09-29	Uncharacterized	21.83	25.31
MW-CT-06	2025-10-06	Uncharacterized	14.29	34.08
WW-MW-200S	2025-10-07	Uncharacterized	14.18	17.65
MW-CT-09	2025-10-03	Uncharacterized	7.93	23.93
WW-MW-203	2025-10-07	Uncharacterized	6.5	17.69
WW-MW-209S	2025-10-03	Uncharacterized	6	13.96
MW-CT-04	2025-09-30	Uncharacterized	4.81	25.38
MW-CT-04	2025-09-30	Uncharacterized	4.57	25.38
WW-MW-206D	2025-10-07	<3 Detected PAHs	8.4	49.52
MW-2416 (WW-MW-12)	2025-09-30	<3 Detected PAHs	7.9	16.79
MW-CT-07	2025-10-06	<3 Detected PAHs	0.92	26.11
WW-MW-22	2025-10-01	<3 Detected PAHs	ND	14.02
LPB-20/MW-8	2025-10-01	<3 Detected PAHs	ND	16.76
LPB-6/MW-9	2025-10-01	<3 Detected PAHs	ND	18.72
MW-6	2025-10-02	<3 Detected PAHs	ND	54.29
WW-MW-16	2025-10-03	<3 Detected PAHs	ND	15.33
WW-MW-18	2025-10-03	<3 Detected PAHs	ND	13.85
B-28/MW-28	2025-10-03	<3 Detected PAHs	ND	17.8
B-28/MW-28	2025-10-03	<3 Detected PAHs	ND	17.8
WW-MW-200D	2025-10-07	<3 Detected PAHs	ND	68.7
WW-MW-200D	2025-10-07	<3 Detected PAHs	ND	68.7
WW-MW-200I	2025-10-07	<3 Detected PAHs	ND	46.3
WW-MW-201D	2025-10-07	<3 Detected PAHs	ND	60.95
WW-MW-201I	2025-10-06	<3 Detected PAHs	ND	51.62
WW-MW-202D	2025-10-07	<3 Detected PAHs	ND	79.73
WW-MW-202I	2025-10-07	<3 Detected PAHs	ND	49.95
WW-MW-203D	2025-10-07	<3 Detected PAHs	ND	76.99
WW-MW-203I	2025-10-07	<3 Detected PAHs	ND	46.54
WW-MW-204D	2025-10-07	<3 Detected PAHs	ND	66.2
WW-MW-204	2025-10-07	<3 Detected PAHs	ND	16.38
WW-MW-205D	2025-10-07	<3 Detected PAHs	ND	80
WW-MW-205I	2025-10-07	<3 Detected PAHs	ND	46.6
WW-MW-206D	2025-10-07	<3 Detected PAHs	ND	49.52
WW-MW-207D	2025-10-06	<3 Detected PAHs	ND	72.24
WW-MW-207I	2025-10-06	<3 Detected PAHs	ND	46.6
WW-MW-207	2025-10-06	<3 Detected PAHs	ND	17
WW-MW-208D	2025-10-03	<3 Detected PAHs	ND	62.02
WW-MW-208I	2025-10-03	<3 Detected PAHs	ND	36.34
WW-MW-208S	2025-10-03	<3 Detected PAHs	ND	14.64
WW-MW-209I	2025-10-02	<3 Detected PAHs	ND	29.15
WW-MW-210S	2025-10-02	<3 Detected PAHs	ND	15.57

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