APPENDIX A

SOIL BORING & TEST PIT LOGS

1989 CRA
SITE INVESTIGATION REPORT

TABLE 2

MONITORING WELL STRATIGRAPHY

Well Description	*Depth (BGS)*	*Material Description*
MW1-89	0' - 0.2'	black moist gravelly sand fill
	0.2' - 1.5'	brown dry silty sand fill, with many large stones and some bricks, cinders, concrete rubble, and lumps of silty clay
	1.5' - 6.0'	brown dry clayey silt fill, with some sand, many large stones and some concrete rubble
	6.0' - 10.0'	brown moist clayey silt fill, with some gravel, concrete and asphalt rubble, stones, rocks, and wood fragments
	10.0' - 12.0'	brown moist silty clay fill, with some stones, rocks, gravel, cinders, ash, and wood fragments

Notes:
- static water level 7.0 ft. BGS*
- bottom of well 11.3 ft. BGS
- top of well 2.9 ft. AGS**
- top of sandpack 7.3 ft. BGS
- screened interval 11.0 - 9.0 ft. BGS
- total well length 13.9 ft.

* BGS - below ground surface
** AGS - above ground surface

TABLE 2

MONITORING WELL STRATIGRAPHY

Well Description	*Depth (BGS)*	*Material Description*
MW2-89	0' - 0.3'	black moist gravelly sand fill
	0.3' - 1.5'	brown dry silty sand fill, with some gravel, some cinders, stones, rocks, concrete rubble, and trace brick material
	1.5' - 6.0'	brown dry gravelly sand fill, with trace silt, some concrete rubble, asphalt rubble, stones and rocks
	6.0' - 9.0'	brown wet sandy silt fill, with some gravel and clay lumps and trace wood fragments
	9.0' - 11.0'	same as above except soil has an iridescent sheen and diesel odor

Notes:
- static water level 6.0 ft. BGS*
- bottom of well 8.0 ft. BGS
- top of well 2.3 ft. AGS**
- top of sandpack 4.0 ft. BGS
- screened interval 7.7 - 5.7 ft. BGS
- total well length 10.0 ft.

* BGS - below ground surface
** AGS - above ground surface

1992 NYSDEC
PHASE II INVESTIGATION REPORT

DATE
STARTED 9-26-90
FINISHED 9-26-90
SHEET 1 OF 1

E + E DRILLING AND TESTING CO., INC.
SUBSURFACE LOG

HOLE NUMBER GW-1
SURFACE ELEVATION
GROUNDWATER DEPTH ( )

PROJECT Fedders Auto
YPLE040

LOCATION NW corner of lot.
10 E of 40, 20

DEPTH – FT	WELL DIAGRAM	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER (0/6, 6/12, 12/18, 18/24)	PROFILE SAMPLE ID (Cl Si Sd Gr)	FIELD IDENTIFICATION OF SOILS	NOTES
5'		SS	1	25 35 / 5 3	SB-1A	SS #1 0-2' 1.3' Recovery 0-0.5' Black gravelly sand Fill 0.5-0.65' Red brick. 0.65-1.0' Concrete 1.0-1.3' Black sand fill.	OVA=0 HNu=0 DRY
		SS	2	1 1 / 2 1	SB-1B	SS #2 2-4' 1.1' Recovery 0-0.7' Black sandy Fill with greasy appearance & oil-like aroma. 0.7'-1.1' Reddish brown clay Fill w/ brick.	OVA > 1000 HNu = 15 ppm MOIST.
		SS	3	2 1 / 1 2	SB-1C	SS #3 4-6' 0.7' Recovery All MOIST reddish brown clay- can't see any foreign fragments ∴ perhaps its natural (?)	OVA = 10 HNu = 3 MOIST.
		SS	4	2 1 / 1 2	SB-1D	SS #4 6-8' 0.8' Recovery All wet reddish brown clay w/ no visible signs of ~~Fill~~ material. Clay (as in #3) Clay is highly cohesive & moderately plastic.	OVA=0 HNu=0 WET.
10	TD=9'	SS	5	7 14 / 19 20		SS #5 8-10' 1.1' Recovery All dry reddish brown clay, tight, highly cohesive & plastic. Appears natural. Water is sitting on top of this layer.	OVA=0 HNu=0 DRY
	screen 4-9' sand 3.5-9' seal 2.5-3.5'	SS	6	15 13 / 18 16		SS #6 9-11' Same as #5 There is water in the hole.	OVA HNu=0

540088

CLASSIFICATION/BY R. Watt

DATE
STARTED 9-26-90
FINISHED 9-26-90
SHEET 1 OF 1

E + E DRILLING AND TESTING CO., INC.
SUBSURFACE LOG

HOLE NUMBER GW-2
SURFACE ELEVATION
GROUNDWATER DEPTH
( )

PROJECT Fedders Auto.
YPL6040

LOCATION NE corner of lot near Scajacanda Creek.

DEPTH – FT	WELL DIAGRAM	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER (0/6, 6/12, 12/18, 18/24)	PROFILE SAMPLE ID (Cl Sl Sd Gr)	FIELD IDENTIFICATION OF SOILS	NOTES
3–4		SS	1	6/8, 11/12	SB-2A	SS #1 0-2' 1.7' Recovery 0-0.6 Black sandy fill w/ brick, glass, slag, etc. 0.6-1.1' Concrete (weathered) 1.1-1.7' Reddish-brown + black clay fill w/ sand, slag, (Foundry material etc.	HNu = 10 ppm OVA = 10 ppm Both only @ very end of spoon. MOIST.
5		SS	2	8/2, 4/3	SB-2B		
		SS	3	3/3, 1/1	SB-3C.		
		SS	4	4/2, 2/1	NONE	SS #2 2-4' 1.6' Recovery 0-1.0' Dark brown sandy fill w/ brick, slag, a white ceramic material, black glass (Foundry) 1.0-1.6' Black sandy clay fill, greasy in appearance but not in touch.	HNu = 0 OVA = 0 Damp
10		SS	5	2/1, 2/2			
		SS	6	2/11, 4/16			
		SS	7	4/2, 2/1		SS #3 4-6' 0.4' Recovery Limited sample volume ∴ will spoon again. 0-0.4' Wet black sandy fill. 2nd time retrieved nothing but water.	HNu = 0 OVA = 0 Wet.
15	TD = 14.5					SS #4 6-8' 0.4' Recovery. Appears to be material that was stuck in bit. Auger cuttings indicate saturated black sandy fill, spoon shows damp sandy clay fill.	
	screen 4.5-14.5'					SS #5 8-10' No recovery. Try again - 2nd spoon is saturated gravelly sand fill.	HNu = 0 OVA = 0 Saturated.
20	sand 4-14.5'					SS #6 10-12' 1.0' Recovery. All wood, as in GW-3b.	OVA = 10 HNu N/A
	seal 3-4'					SS #7 12-14' 1.0' Recovery 0-0.4' Reddish brown sandy clay Fill w/ brick fragments. 0.4-0.9' Wood 0.9-1.0' Black clay w/ wood.	OVA = 100 HNu = 0
25							

640088

C-3

CLASSIFICATION/BY R. Watt

recycled paper
recycled paper
ecology and environment
ecology and environment
ecology and environment

DATE
STARTED 9-25-90
FINISHED 9-25-90
SHEET 1 OF 2

E + E DRILLING AND TESTING CO., INC.
SUBSURFACE LOG

HOLE NUMBER GW-3a
SURFACE ELEVATION
GROUNDWATER DEPTH N/A

PROJECT Fedders Auto
YP16040

LOCATION SE corner of lot near Scajaquada Creek.

DEPTH – FT	WELL DIAGRAM	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER (0/6, 6/12, 12/18, 18/24)	~~PROFILE~~ SAMPLE ID (~~Cl Sl Sd Gr~~)	FIELD IDENTIFICATION OF SOILS	NOTES
5	ABANDONED	SS	1	7 / 8 / 13 / 21	SB-3A	SS#1 0-2' 1.8' Recovery Black sandy fill w/ some clay and gravel. Contains brick, glass, slag, greenstone, etc.	OVA = 3ppm HNu = 0 ppm DRY
		SS	2	5 / 3 / 1 / 3	SB-3B		
		SS	3	3 / 2 / 1 / 2	SB-3C		
		SS	4	1 / 2 / 2 / 3	~~SB-3D~~ RW	SS#2 2-4' 2.0' Recovery. Same fill as 0-2'. clay seam 3" thick in middle is part of the Fill	OVA = 0 HNu = 0 MOIST.
10		SS	5	1 / 1 / 2 / 2			
		SS	6	2 / 2 / 3 / 3	SB-3D	SS#3 4-6' 0.5' Recovery All clay fill. Must have pushed a stone because the top of the spoon was clean. Clay matrix is reddish brown with high cohesion & moderate plasticity. Contains medium + coarse sand, coal fragments & small brick fragments. Auger cuttings indicate that remainder is black sandy fill as above.	OVA = 0 HNu = 0 MOIST.
15							
20							
25						SS#4 6-8' 0.2' Recovery. Same clay fill as #3. Spoon is dry inside - not picking up soil.	
30						SS #5 9-11' 1.7' Recovery. All "natural" reddish brown moist clay with mica fine + medium sand. Same clay as seen in B-1.	OVA = 0 HNu = 0 MOIST.
						SS #6 11-13' 1.1' Recovery All clay as in #5 but with black greasy material + organic matter @ 0.8'. Also a wood frag. @ 0.4' and a coal frag. (½") @ 0.6'. Probably natural but unsure	

640088

CLASSIFICATION/BY R. Watt

DATE
STARTED 9-25-90
FINISHED 9-25-90
SHEET 1 OF 2

E + E DRILLING AND TESTING CO., INC.
SUBSURFACE LOG

HOLE NUMBER GW-3a
SURFACE ELEVATION
GROUNDWATER DEPTH N/A
( )

PROJECT Fedders Auto
YP10040

LOCATION

DEPTH – FT	WELL DIAGRAM	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER (0/6, 6/12, 12/18, 18/24)	PROFILE (Cl Sl Sd Gr)	FIELD IDENTIFICATION OF SOILS	NOTES
	ABANDONED					SS#1 13-15' 2.0' Recovery. Natural material. 0-0.5' Reddish brown clay as above 0.5-1.1' Organic rich clay. Reddish brown w/ black mottles. Contains wood & plant fragments & coal. 1.1-1.3' Black peat moss w/ coalified plant fragments. 1.3-2.0' Organic rich sand. Fine lt brown sand w/ rootlets and plant fragments. Also contains numerous (10%) shells (<5mm) of gastropods & brachiopods. No water to speak of so will abandon this hole and move towards the creek.	MOIST OVA = 0 HNu = 0

640088

CLASSIFICATION/BY R. Wolff

recycled paper
ecology and environment

DATE
STARTED 9-25-90
FINISHED 9-25-90
SHEET 1 OF 1

E + E DRILLING AND TESTING CO., INC.
SUBSURFACE LOG

HOLE NUMBER GW-3b
SURFACE ELEVATION
GROUNDWATER DEPTH 5'

PROJECT Fedders Auto
YP6040

LOCATION SE corner of lot near Scajaquada Creek.

DEPTH – FT	WELL DIAGRAM	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER (0/6, 6/12, 12/18, 18/24)	PROFILE (Cl Sl Sd Gr)	FIELD IDENTIFICATION OF SOILS	NOTES
5'	ABANDONED	SS	1	6 / 2 / 2 / 4		SS#1 4-6' 1.3' Recovery. (Augered to 4') Top 0.4' is gravelly sand fill (black) similar to GW-3a (probably from inside auger bit. Bottom 0.9' is reddish brown. clay w/ areas of black sand. Contains ~10% medium to coarse sand + 10% gravel. Very bottom is wet sand fill.	MOIST OVA = 1 ppm HNu = 0
		SS	2	6 / 10 / 14 / 15		SS#2 6-8' 1.4' Recovery. A solid core of wet wood. Has an odd aroma. (Creosote?) CAN'T AUGER THROUGH THE WOOD SO MOVE UP 6' AND TRY AGAIN.	OVA to 30 ppm HNu to 30 ppm
10							

640088

CLASSIFICATION/BY R. Wood

DATE
STARTED 9-25-90
FINISHED 9-26-90
SHEET 1 OF 1

E + E DRILLING AND TESTING CO., INC.
SUBSURFACE LOG

HOLE NUMBER GW-3
SURFACE ELEVATION
GROUNDWATER DEPTH
( )

PROJECT Fedders Auto
4P6040

LOCATION SE corner of lot near Scajaquada Creek.

DEPTH – FT	WELL DIAGRAM	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER (0/6, 6/12, 12/18, 18/24)	PROFILE (Cl Sl Sd Gr)	FIELD IDENTIFICATION OF SOILS	NOTES
5		SS	1	2 1 / 1 2		Third try @ GW-3 Auger to 4' then splitspoon. SS #1 1.2' Recovery. 4-6' All black sandy fill as we've seen before. Contains limestone gravel, brick, wood, etc. Wet below 5'.	HNu = 0 OVA < 1 ppm water table near 5'
10		SS	2	1 1 / 1 2		SS #2 6-8' 1.2' Recovery. Reddish brown & black clay fill with slag & coke fragments Moist to wet.	HNu = 0 OVA < 1 ppm
		SS	3	1 1 / 1 0			
		SS	4	1 1 / 1 0		SS #3 8-10' 1.8' Recovery Saturated. 0-0.5' Sandy clayey fill (black) 0.5-1.1' Reddish brown & black clay fill with gravel. 1.1-1.8' Coarse sand & coke/slag fill material.	HNu = 0 OVA < 1 ppm SATURATED
15	TD=14.5' screen 4.5-14.5' sand 4-14.5' seal 3-4'	SS	5	2 1 / 1 1			
20							
25						SS #4 10-12' 0.6' Recovery Saturated black sandy clay fill	HNu = 0 OVA = 5-6 ppm Saturated.
30						SS #5 12-14' No recovery but spoon is all wet. Will run another spoon & try to get something... ... now recovered 1.8' to about 14.5'. Contains: 0-0.5 Brown sandy fill w/ clay & brick fragments. 0.5-1.1 Black organic-rich clay 1.1-1.4 clayey peat moss 1.4-1.8 Brown sandy clay, organic rich w/ ~30% intact shells of gastropods.	HNu = 0 OVA = 0 wet to saturated.
35							
40							

640088

CLASSIFICATION/BY R. Watts

DATE
STARTED 9-25-90
FINISHED 9-25-90
SHEET 1 OF 1

E + E DRILLING AND TESTING CO., INC.
SUBSURFACE LOG

HOLE NUMBER B-1
SURFACE ELEVATION
GROUNDWATER DEPTH
( )

PROJECT Fedders Auto
4Pleo40

LOCATION Near entrance gate on West Ave.

DEPTH – FT	WELL DIAGRAM	SAMPLE TYPE	SAMPLE NO.	BLOWS ON SAMPLER (0/6, 6/12, 12/18, 18/24)	PROFILE SAMPLE ID (Cl Sl Sd Gr)	FIELD IDENTIFICATION OF SOILS	NOTES
5	BOREHOLE FILLED WITH CUTTING) + GROUT	SS	1	3 / 3 / 4 / 6	SB-4A	SS#1 0-2' 1.6' Recovery 6" of black, damp silty sand fill material w/ brick fragments followed to 1.6' with reddish brown clay fill. Clay is moderate to highly cohesive with a moderate plasticity + contains <10% angular black chert fragments (coarse gravel size) + tan sand lenses as well as minor brick fragments.	HNu = 0 ppm (30-40 ppm in hole). OVA = 0
		SS	2	3 / 4 / 6 / 10	SB-4B		
		SS	3	4 / 6 / 11 / 16	SB-4C		
		SS	4	12 / 12 / 16 / 20	SB-4D	SS#2 2-4' 1.3' Recovery All reddish brown damp "natural" clay with black silt mottled throughout. Also contains <5% medium + coarse sand throughout.	HNu < 1 ppm OVA = 0 ppm
10						SS#3 4-6' 1.5' Recovery Top 0.4' is clay as above mixed with slag - hard to tell if it has fallen in from above or not. Remaining 1.1' is clay as above. (like 2-4'). Dry.	HNu = 40-50 ppm OVA = 0 ppm (water vapor)
						SS#4 6-8' 1.8' Recovery Same clay as above but dry.	HNu = 20-30 OVA = 1 ppm (water vapor)

640088

CLASSIFICATION/BY R. Watt

1998 RETEC ENGINEERING
BIKE PATH INVESTIGATION

RETEC

SOIL BORING LOG

SB 01

RETEC Engineering, P.C.

PROJECT NO:	3 - 2111 - 600 (3 - 3540 - 102)	DATE:	December 12, 1998	Ground Elevation :	~ 579
CLIENT:	National Fuel Gas	GEOLOGIST:	Mark Hofferbert	Depth to Groundwater :	~ 8
SITE:	Scajaquada Creek	EQUIPMENT:	2 inch x 4 foot Direct Push Core Barrel	Groundwater Elevation:	~ 571
LOCATION:	West Bank near West Avenue	OPERATOR:	Maxim Technologies	Creekwater Elevation :	~ 565

DEPTH BGS (feet)	SAMPLE INTERVAL	PID HEADSPACE (ppm)	SOIL LITHOLOGY	SOIL DESCRIPTION LOG	MONITORING WELL CONSTRUCTION
2		--	--	No Recovery	N/A
4					
6		6.5			
8				**Misc. Industrial Fill and Soil** Gravel, soil, brick and concrete. No Sheen / No Odor. Wet at 8 ' BGS.	
10		1.2			
12					
14		3.2		**Gravel and Sand** No Sheen / No Odor.	
16					
18		51.8		**Gravel and Sand** Thin Lenses of Hydrocarbon NAPL.	
20				End of Boring	
22					
24					
26					

Comments:

RETEC

SOIL BORING LOG

SB 02

RETEC Engineering, P.C.

PROJECT NO:	3 - 2111 - 600 (3 - 3540 - 102)	DATE:	December 12, 1998	Ground Elevation :	~ 579
CLIENT:	National Fuel Gas	GEOLOGIST:	Mark Hofferbert	Depth to Groundwater :	~ 8
SITE:	Scajaquada Creek	EQUIPMENT:	2 inch x 4 foot Direct Push Core Barrel	Groundwater Elevation:	~ 571
LOCATION:	West Bank near West Avenue	OPERATOR:	Maxim Technologies	Creekwater Elevation :	~ 565

DEPTH BGS (feet)	SAMPLE INTERVAL	PID HEADSPACE (ppm)	SOIL LITHOLOGY	SOIL DESCRIPTION LOG	MONITORING WELL CONSTRUCTION
2		4.2			N/A
4				**Misc. Industrial Fill and Soil** Gravel, soil, brick and concrete. No Sheen / No Odor. Wet at 8 ' BGS.	
6		16.5			
8					
10		7.2		**Gravel and Sand** No Sheen / No Odor.	
12					
14		1000 +		**Gravel and Sand** Hydrocarbon NAPL.	
16				End of Boring (Boring Collapsed)	
18					
20					
22					
24					
26					

Comments:

RETEC

SOIL BORING LOG

SB 03

RETEC Engineering, P.C.

PROJECT NO:	3 - 2111 - 600 (3 - 3540 - 102)	DATE:	December 12, 1998	Ground Elevation :	~ 579
CLIENT:	National Fuel Gas	GEOLOGIST:	Mark Hofferbert	Depth to Groundwater :	~ 8
SITE:	Scajaquada Creek	EQUIPMENT:	2 inch x 4 foot Direct Push Core Barrel	Groundwater Elevation:	~ 571
LOCATION:	West Bank near West Avenue	OPERATOR:	Maxim Technologies	Creekwater Elevation :	~ 565

DEPTH BGS (feet)	SAMPLE INTERVAL	PID HEADSPACE (ppm)	SOIL LITHOLOGY	SOIL DESCRIPTION LOG	MONITORING WELL CONSTRUCTION
2		6.0			N/A
4				**Misc. Industrial Fill and Soil** Gravel, soil, brick and concrete. No Sheen / No Odor. Wet at 8 ' BGS.	
6		3.6			
8					
10		4.1		**Gravel and Sand** No Sheen / No Odor.	
12					
14		180		**Gravel and Sand** Hydrocarbon NAPL.	
16					
18		215		**Clay** Hydrocarbon NAPL.	
20				End of Boring	
22					
24					
26					

Comments:

RETEC

SOIL BORING LOG

SB 04

RETEC Engineering, P.C.

PROJECT NO:	3 - 2111 - 600 (3 - 3540 - 102)	DATE:	December 12, 1998	Ground Elevation :	~ 579
CLIENT:	National Fuel Gas	GEOLOGIST:	Mark Hofferbert	Depth to Groundwater :	~ 8
SITE:	Scajaquada Creek	EQUIPMENT:	2 inch x 4 foot Direct Push Core Barrel	Groundwater Elevation:	~ 571
LOCATION:	West Bank near West Avenue	OPERATOR:	Maxim Technologies	Creekwater Elevation :	~ 565

DEPTH BGS (feet)	SAMPLE INTERVAL	PID HEADSPACE (ppm)	SOIL LITHOLOGY	SOIL DESCRIPTION LOG	MONITORING WELL CONSTRUCTION
2		5.1			N/A
4				**Misc. Industrial Fill and Soil** Gravel, soil, brick and concrete. No Sheen / No Odor. Wet at 8 ' BGS.	
6		4.9			
8					
10		3.4		**Gravel and Sand** No Sheen / No Odor.	
12					
14		80.5		**Gravel and Sand** Hydrocarbon NAPL.	
16				End of Boring (Boring Collapsed)	
18					
20					
22					
24					
26					

Comments:

2002 STEARNS & WHELER ENVIRONMENTAL SITE INVESTIGATION REPORT

TABLE 2
BORING SUMMARY
SOIL BORING INVESTIGATION
FEDCO, BUFFALO, NEW YORK

BORING I.D.	BORING INTERVAL (feet)	RECOVERY (inches)	FID READING (ppm)	DESCRIPTION
SB-1	0-4	24	455	8" blacktop, gravel, brown silt/CLAY
				16" wet grey very soft silt/CLAY, some fine gravel
	4-8	26	**511**	14" soft wet grey CLAY, some fine gravel
				7" med stiff wet brown CLAY, some gravel
				1" wet black gravel, some silt/clay, petroleum like odor
				2" wet med stiff brown CLAY
				2" wood
	8-12	30	47	very stiff dry brown CLAY, trace gravel
SB-2	**0-4**	12	**738**	6" brick fragments and gravel
				6" wet soft grey silt/CLAY, some gravel
	4-8	28	240	14" wet soft grey silt/CLAY, some gravel
				14" soft to med stiff moist brown CLAY, little gravel
SB-3	**0-4**			4-6" concrete slab
		44	**4200**	24"very stiff dry mottled pink/grey/brown CLAY
				12" stiff moist pink/grey CLAY
				8" med stiff moist grey CLAY, little gravel
	4-7	48	37	very stiff moist mottled pink/grey/brown CLAY
	7-11	48	72	hard moist mottled pink/grey/brown CLAY
	11-14	46	148	hard moist mottled pink/grey/brown CLAY
				at 14.75' wet fine gravel zone
SB-4	**0-4**			concrete slab
		4	**3430**	soft wet grey CLAY, some gravel
	4-8	48	82	moist hard mottled pink/grey/brown CLAY
				lenses of wet coarse sand fine gravel at 7 & 8'
SB-5	**0-4**			2" blacktop
		48	**401**	2" blacktop, moist grey/brown CLAY, gravel, glass fragments
				38" very stiff - hard mottled pink/grey/brown CLAY
	4-8	48	112	hard dry mottled pink/grey/brown CLAY
	8-11	48	70	hard moist pink mottled grey/brown CLAY (moistening with depth)
	11-15	48	45	very stiff moist mottled pink/grey/brown CLAY
				at 12' thin seam of black/brown clay and fine gravel
	15-19	48	9	24" soft moist mottled pink/grey/brown CLAY
				.25" seam of soil
				24" very stiff moist mottled pink/grey/brown CLAY
	19-23	48	0	soft to med. stiff pink CLAY, little grey mottling
SB-6	**0-4**			blacktop
		40	**172**	10" loose black gravel and silt/clay
				30" dry very stiff brown CLAY some pink/grey mottling
	4-8	48	26	dry hard mottled pink/grey/brown CLAY vertical joints
	8-12	38	16	16" dry hard pink CLAY, little mottling
				22" very stiff mottled pink/grey/brown CLAY
	12-16	40	5	very stiff mottled pink/grey/brown CLAY
	16-20	30	0.4	hard moist brown and grey CLAY little mottling
	20-23	24	0.0	hard moist brown CLAY, trace mottling

Bold indicates intervals from which soil samples were taken for laboratory analysis.

2020 BE3
REMEDIAL INVESTIGATION/ ALTERNATIVES ANALYSIS REPORT

Remedial Investigation Borehole Log

Borehole ID: BH-01
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/17/2019

Geologist\Engineer: Peter Gorton
Location: 42.930471° -78.895773°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1039-1101

Borehole Depth (Ft)	Soil	Description	PID PPM
0–2		Gravel, Cindery, Sand	0
2–3		Gravel, Brick, Silty Sand	0
3–4		Sand, Brick, Ash, Brown Clay	0
4–5		Sand, Brick, Ash, Cinder, Some Silt	0
5–12	Water	Soft Red Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-02
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930664° -78.895301°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1045-1130

Borehole Depth (Ft)	Soil	Description	PID PPM
0–4		Black Stone, Gravel, Sand, Cinder	0
4–5		Black Sand, Gravel, Cinder	0
5–7		Wet Black Gravely Sand with some Silt	0
7–8		Red-Brown Clay	0
8–12		Very Wet Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-03
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930909° -78.895107°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1045-1130

Borehole Depth (Ft)	Soil	Description	PID PPM
0–4		Black, Gravel, Sand, Cinder	0
4–8		Stiff Red-Brown Clay	0
8–12		Soft Red-Brown Clay, Moist	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-04
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/17/2019

Geologist\Engineer: Peter Gorton
Location: 42.930777° -78.895483°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1040-1250

Borehole Depth (Ft)	Soil	Description	PID PPM
0–2		Gravel, Cindery, Sand, Ash, Black-Brown	0, 0, 0
2–3		Black Sand, Cinder	0, 0
3–6		Stiff Red-Brown Clay	0, 0, 0, 0, 0, 0
6–9		Soft Red-Brown Clay	0, 0, 0, 0, 0, 0, 0
9–12		Soft, Dark Gray Silty, Sandy Clay	0, 0, 0, 0, 0
12–16		Dark and Light Gray, Moist, Sandy, Silty Clay with some Red material	0, 0, 0, 0, 0, 0, 0, 0
16–18		Wet Dark Brown Silty Sandy Clay	0, 0, 0, 0
18–20		Red-Brown Clay	0, 0, 0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-05
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930959° -78.895565°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1330-1436

Borehole Depth (Ft)	Soil	Description	PID PPM
0			
0.4			0
0.8			0
1.2			0
1.6			0
2		Gravel, Sand, Cinder, Brick, Slag	0
2.4			0
2.8			0
3.2			0
3.6			0
4			0
4.4			0
4.8			0
5.2			0
5.6			0
6		Red-Brown Clay	0
6.4			0
6.8			0
7.2			0
7.6			0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-06
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930997° -78.895728°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1436-1500

Borehole Depth (Ft)	Soil	Description	PID PPM
0 – 3.2		Gravel, Sand, Cinder	0
3.2 – 3.6		Brick	0
3.6 – 7.6		Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-07
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/17/2019

Geologist\Engineer: Peter Gorton
Location: 42.930872° -78.895858°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1217-1350

Borehole Depth (Ft)	Soil	Description	PID PPM
0		Cement	0
1		Gravel, Sand, Silt, Cinder	0
2			0
3			0
4		Soft Red-Brown Clay	0
5		NO RECOVERY tube contained very soft, wet, loosely consolidated silty sand with some clay	0
6			0
7			0
8		Red-Brown Clay	0
9			0
10			0
11			0
12			0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-08
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930697° -78.895854°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1350-1500

Borehole Depth (Ft)	Soil	Description	PID PPM
0–4		Silt, Sand, Ash, Cinder, Brick	0
4–8		Silty Clay, Very Wet	0
8–10		Soft, Damp Brown-Gray Silty Clay	0
10–12		Soft Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-09
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930655° -78.89609°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1500-1530

Borehole Depth (Ft)	Soil	Description	PID PPM
0 – 3.2		Gravel, Sand, Cinder, Brick	0
3.2 – 4		Stiff Red-Brown Clay	0
4 – 7.6		Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-10
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930566° -78.896377°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 0920-0950

Borehole Depth (Ft)	Soil	Description	PID PPM
0 – 0.4		Cement	0
0.4 – 2		Black Cinder, Gravel, Sand	0
2 – 7.6		Stiff Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-11
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

Geologist\Engineer: Peter Gorton
Location: 42.930822° -78.896412°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1020-1210

Borehole Depth (Ft)	Soil	Description	PID PPM
0–4		Gravel, Brick, Silty Sand, Wet	0
4–6		Gravel, Brick, Silty Sand, Very Wet	0
6–12		Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-12
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/19/2019

Geologist\Engineer: Peter Gorton
Location: 42.930587° -78.896337°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1210-1300

Borehole Depth (Ft)	Soil	Description	PID PPM
0 – 1		Sand	0
1 – 2		Silty Sand, Gravel, Cinder	0
2 – 3.8		Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: BH-13
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: 25°F, Windy
Drill Date: 12/18/2019

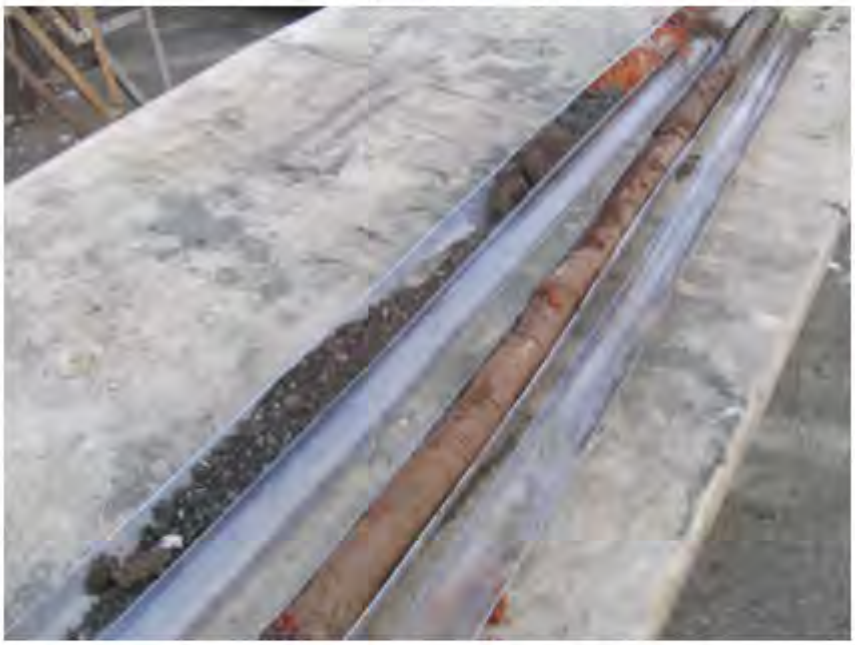
Geologist\Engineer: Peter Gorton
Location: 42.931023° -78.896338°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1500-1600

Borehole Depth (Ft)	Soil	Description	PID PPM
0 – 2.2		Gravel, Sand, Cinder	0
2.2 – 3.8		Red-Brown Clay	0

MAP OVERLAY



PHOTO: SOIL CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: SSB1
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: Indoors, Cold
Drill Date: 03/18/2020

Geologist\Engineer: Peter Gorton
Location: 42.930623° -78.896554°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1230-1250

Borehole Depth (Ft)	Soil	Description	PID PPM
-0.4		Concrete	
0			0
0.4			
0.8		Dark Brown - Black Gravelly Sand Chert Cinder with some Clay	
1.2			0
1.6			
2			0
2.4			
2.8			0
3.2			
3.6		Rusty Foundary Sand	0
4			
4.4		Gray - Dark Brown Silty Sand and Clay	0
4.8			
5.2			0
5.6			
6			0
6.4		Stiff Red Brown Clay	
6.8			0
7.2			
7.6			

MAP OVERLAY



PHOTO OF CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: SSB2
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: Indoors, Cold
Drill Date: 03/18/2020

Geologist\Engineer: Peter Gorton
Location: 42.930713° -78.896765°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 1250-1320

Borehole Depth (Ft)	Soil	Description	PID PPM
-1			
0		Concrete	
1		Gravelly Sand Slag Foundary Sand, Some Clay	0
2			0
3		Soft Brown Clay	0
4			7.5
5			0
6			0
7			0
8		Red Brown Clay	280
9			150
10			0
11			1700

MAP OVERLAY



PHOTO OF CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: SSB3
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: Indoors, Cold
Drill Date: 03/19/2020

Geologist\Engineer: Peter Gorton
Location: 42.930671° -78.897005°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 0830-0920

Borehole Depth (Ft)	Soil	Description	PID PPM
-1			
0		Concrete	
		Soft Brown Silty Clay with some Ash	7
1			2
2		Soft Red Brown Silty Clay	2
3			2
4			16
5			0
6		Stiff Red Brown Clay	80
7			200
8			300
9		Red Brown Clay	0
10			1400
11			

MAP OVERLAY



PHOTO OF CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: SSB4
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: Indoors, Cold
Drill Date: 03/19/2020

Geologist\Engineer: Peter Gorton
Location: 42.930817° -78.896979°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 0920-0950

Borehole Depth (Ft)	Soil	Description	PID PPM
-1			
0		Concrete	
		Sandy Cinder Ash	0
1		Soft Silty Brown Clay	
			2
2		Silty Red Brown Clay	
			4
3			10
4			30
5			100
6		Stiff Red Brown Clay	
			130
7			200
8			200
9		Red Brown Clay	1300
10			2000
11			

MAP OVERLAY



PHOTO OF CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Remedial Investigation Borehole Log

Borehole ID: SSB5
Drilling Company: Nature's Way
Drill Type: 2" Geoprobe
Weather: Indoors, Cold
Drill Date: 03/19/2020

Geologist\Engineer: Peter Gorton
Location: 42.930791° -78.896548°
Analysis: 375, Metals, PFA's, sVOC, VOC
Lab: Paradigm Solutions
Time: 0950-1020

Borehole Depth (Ft)	Soil	Description	PID PPM
-1			
0		Concrete	0
1		Gravel and Concrete	0
2			0
3			0
4		Red Brown Clay	2
5			5
6			6
7			0
8		Stiff Red Brown Clay	0
9			2
10			
11			

MAP OVERLAY



PHOTO OF CORES



Project: 57 - 71 Tonawanda

Client: Eran Epstein

Address: 57-71 Tonawanda Street Buffalo, NY 14213

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY

Test Pit Log

NATURE'S WAY ENVIRONMENTAL
Consultants & Contractors, Inc.

Project:	57-71 Tonawanda Street
Address:	57 Tonawanda St. Buffalo NY, 14211
Client:	Eran Epstein
Contractor:	Nature's Way Contracting
Equipment:	Track Hoe
Date:	January 8th, 2020
Latitude:	42.931135
Longitude:	-78.896398
Test Pit Name:	TP-14

Depth (Ft)	Description	TYPE	#
0 – 8	Fill containing concrete, brick, cinder, ash, sand		
8 – 9	Red-Brown Clay	Grab	TP-14
10 – 11	Cement Footer, End of Pit		



Test Pit Photo

Log Book Description

Fill including black cinder, sand, concrete rubble and wood.

Concrete footer running East-West inside old building foundation.

See 1981Sanborn Map for historic details.

Sample Collected at 8-9 Feet

Technician On Site:	Peter Gorton
On Site Time:	8:00 a.m.
Off Site Time:	3:30 p.m.

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Test Pit Log

NATURE'S WAY ENVIRONMENTAL
Consultants & Contractors, Inc.

Project:	57-71 Tonawanda Street
Address:	57 Tonawanda St. Buffalo NY, 14211
Client:	Eran Epstein
Contractor:	Nature's Way Contracting
Equipment:	Track Hoe
Date:	January 8th, 2020
Latitude:	42.931193
Longitude:	-78.896596
Test Pit Name:	TP-15

Depth (Ft)	Description	TYPE	#
0–5	Fill containing concrete, lots of brick, cinder, ash, sand, I-Beam observed		
10	End of Pit		



Test Pit Photo

Log Book Description

Fill consisted of sand, cinder, lots of brick, cement, wood and a foundation wall.

Test pit 6 foot wide, 8 foot long 9 to 10 feet deep.

No sample collected.

Technician On Site:	Peter Gorton
On Site Time:	8:00 a.m.
Off Site Time:	3:30 p.m.

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Test Pit Log

NATURE'S WAY ENVIRONMENTAL
Consultants & Contractors, Inc.

Project:	57-71 Tonawanda Street
Address:	57 Tonawanda St. Buffalo NY, 14211
Client:	Eran Epstein
Contractor:	Nature's Way Contracting
Equipment:	Track Hoe
Date:	January 8th, 2020
Latitude:	42.931248
Longitude:	-78.896751
Test Pit Name:	TP-16

Depth (Ft)	Description	TYPE	#
0			
1			
2		Grab	TP16
3			
4			
5	Fill containing concrete, brick, cinder, ash, sand, Red-Brown clay on north side		
6			
7			
8			
9			
10	Concrete Floor, End of Pit		
11			
12			
13			
14			
15			



Test Pit Photo

Log Book Description

Fill consisted of brick, cement, metal, ash, sand and cinder. Cement block wall and Red-Brown clay on north side.

Pit is 6 foot by 6 foot with refusal encountered at 10 feet, observed possible cement floor.

Sample collected between 1-3 feet.

Technician On Site:	Peter Gorton
On Site Time:	8:00 a.m.
Off Site Time:	3:30 p.m.

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Test Pit Log

NATURE'S WAY ENVIRONMENTAL
Consultants & Contractors, Inc.

Project:	57-71 Tonawanda Street
Address:	57 Tonawanda St. Buffalo NY, 14211
Client:	Eran Epstein
Contractor:	Nature's Way Contracting
Equipment:	Track Hoe
Date:	January 8th, 2020
Latitude:	42.931064
Longitude:	-78.896837
Test Pit Name:	TP-17

Depth (Ft)	Description	TYPE	#
0–1	Surface, Cement floor		
1–2	Fill, ash, cinder stone, black sand		
2–10	Red-Brown Clay	TP-17	Grab
10–11	End of Pit		
11–15			



Test Pit Photo

Log Book Description

Surface featured a cement floor, 1-2 feet consisted of fill material of ash, black sand, cinder and stone. 2-10 feet consisted of red-brown clay.

Pit is 13 feet long, 7 feet across and 10 feet deep. Pit dug east to west, sample taken from east end. West end had a suspected wood floor.

Sample collected between 3-4 feet.

Technician On Site:	Peter Gorton
On Site Time:	8:00 a.m.
Off Site Time:	3:30 p.m.

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Test Pit Log

NATURE'S WAY ENVIRONMENTAL
Consultants & Contractors, Inc.

Project:	57-71 Tonawanda Street
Address:	57 Tonawanda St. Buffalo NY, 14211
Client:	Eran Epstein
Contractor:	Nature's Way Contracting
Equipment:	Track Hoe
Date:	January 8th, 2020
Latitude:	42.931065
Longitude:	-78.89662
Test Pit Name:	TP-18

Depth (Ft)	Description	TYPE	#
0–2	Surface, ash, cinder, black sand		
2–6	Red-Brown Clay		
6–7	End of Pit		



Test Pit Photo

Log Book Description

Fill at 1-2 feet consisted of ash, cinder and blacks sand. 2-6 feet red-brown clay.
Pit is 13 feet long, 5 feet wide and 6 feet deep.

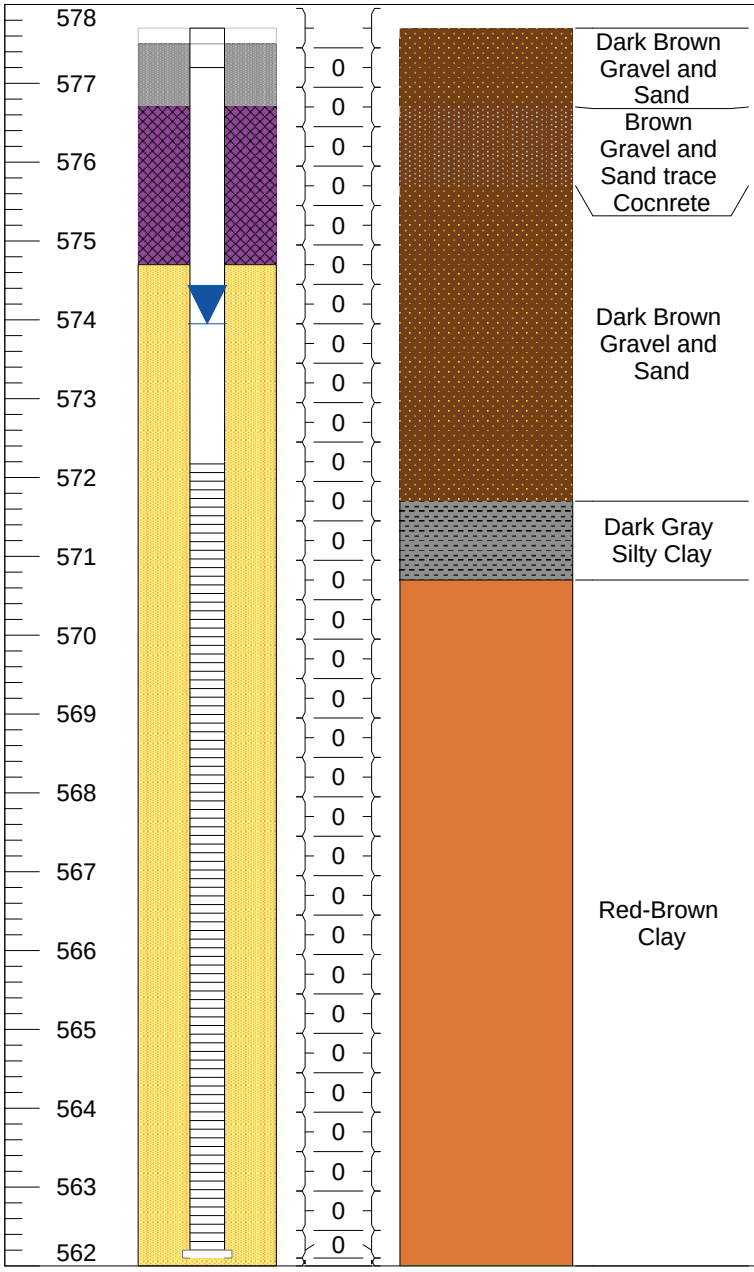
No Sample Collected.

Technician On Site:	Peter Gorton
On Site Time:	8:00 a.m.
Off Site Time:	3:30 p.m.

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Well Construction Log

Project:	Fedder Lofts	Drilling Company:	Nature's Way Contracting
Location:	57 Tonawanda Street	Drill Type:	6" Hollow Stem Auger
Client:	Eran Epstein	Driller:	Nate
Client Address:	57-71 Tonawanda Street Buffalo, NY 14211	Drill Date:	1/13/2020



LEGEND

- Cement-Bentonite Grout
- Bentonite Seal
- Silica Pack
- Static Water Level

Well Construction Properties

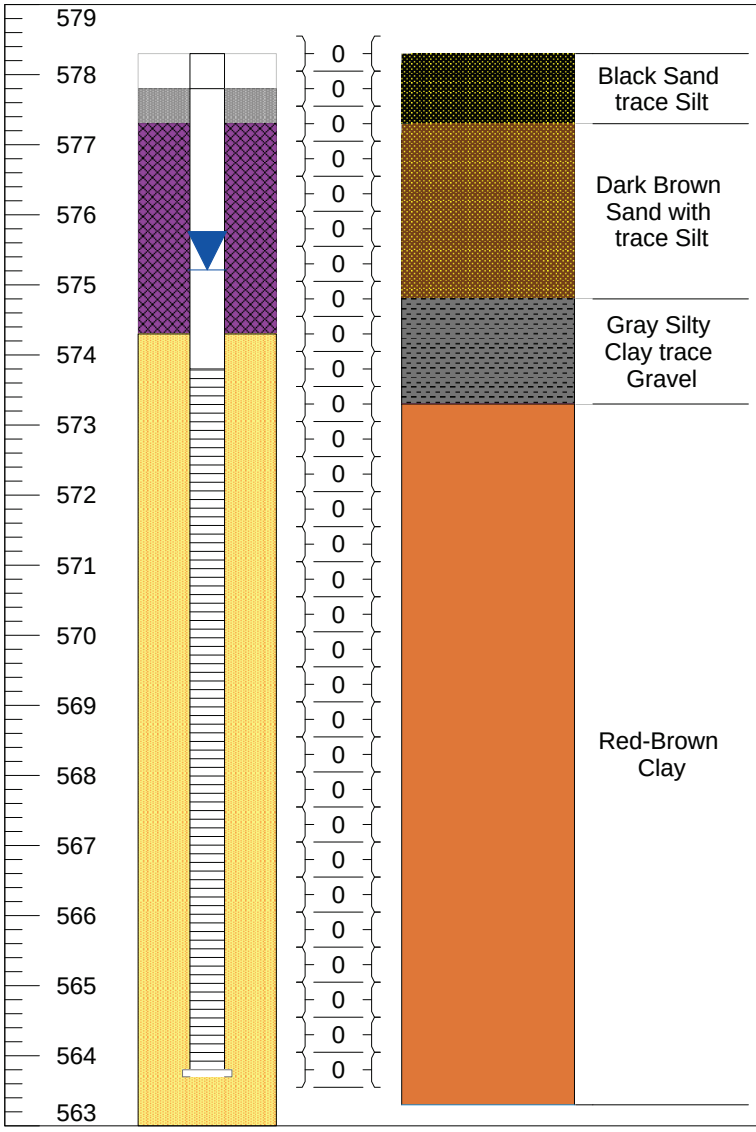
Material:	PVC
Diameter:	2"
Slot Count:	10
Slot Size:	2"
Seal Material:	Benotonite
Packing Material:	Silica-Sand
Surface Material:	Flash Mount, with Protective Casing and Bolt Lock

Monitoring Well Designation: MW-01
Latitude: 42.9304808°
Longitude: -78.8957223°
Elevation: 577.70 Feet

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Well Construction Log

Project:	Fedder Lofts	Drilling Company:	Nature's Way Contracting
Location:	57 Tonawanda Street	Drill Type:	6" Hollow Stem Auger
Client:	Eran Epstein	Driller:	Nate
Client Address:	57-71 Tonawanda Street Buffalo, NY 14211	Drill Date:	1/13/2020



LEGEND

- Cement-Bentonite Grout
- Bentonite Seal
- Silica Pack
- Static Water Level

Well Construction Properties

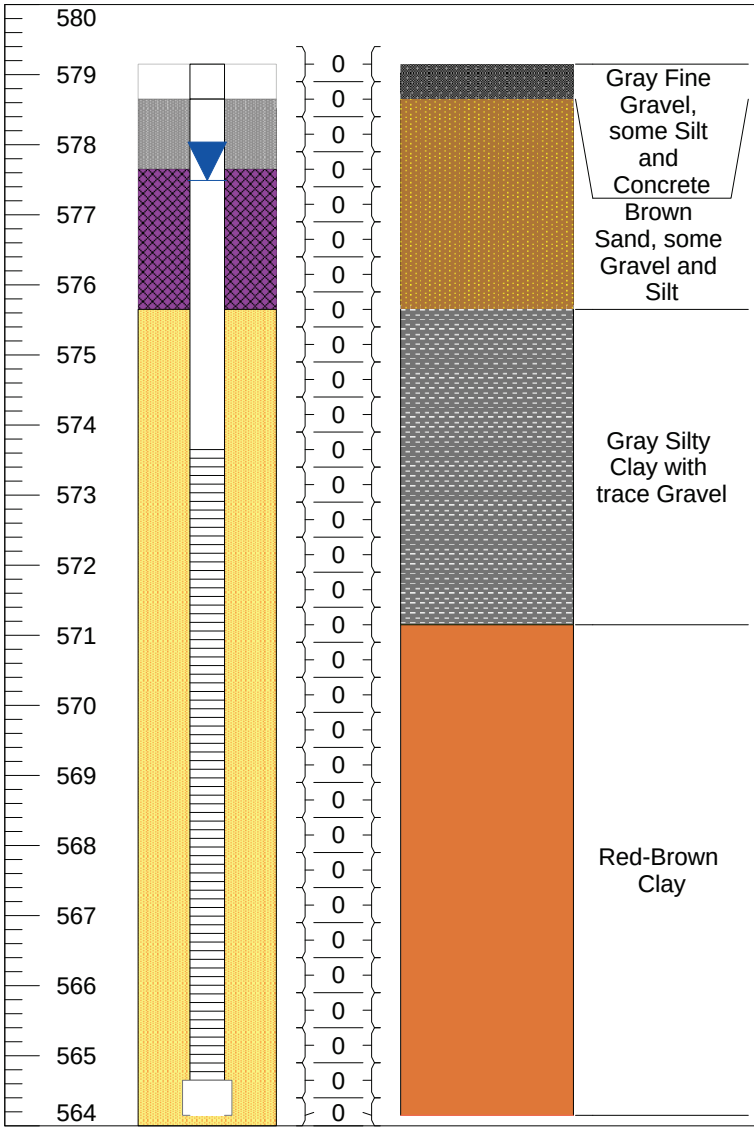
Material:	PVC
Diameter:	2"
Slot Count:	10
Slot Size:	2"
Seal Material:	Benotonite
Packing Material:	Silica-Sand
Surface Material:	Flash Mount, with Protective Casing and Bolt Lock

Monitoring Well Designation: MW-02
Latitude: 42.9308709°
Longitude: -78.8951537°
Elevation: 578.33 Feet

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Well Construction Log

Project:	Fedder Lofts	Drilling Company:	Nature's Way Contracting
Location:	57 Tonawanda Street	Drill Type:	6" Hollow Stem Auger
Client:	Eran Epstein	Driller:	Nate
Client Address:	57-71 Tonawanda Street Buffalo, NY 14211	Drill Date:	1/13/2020



LEGEND

- Cement-Bentonite Grout
- Bentonite Seal
- Silica Pack
- Static Water Level

Well Construction Properties

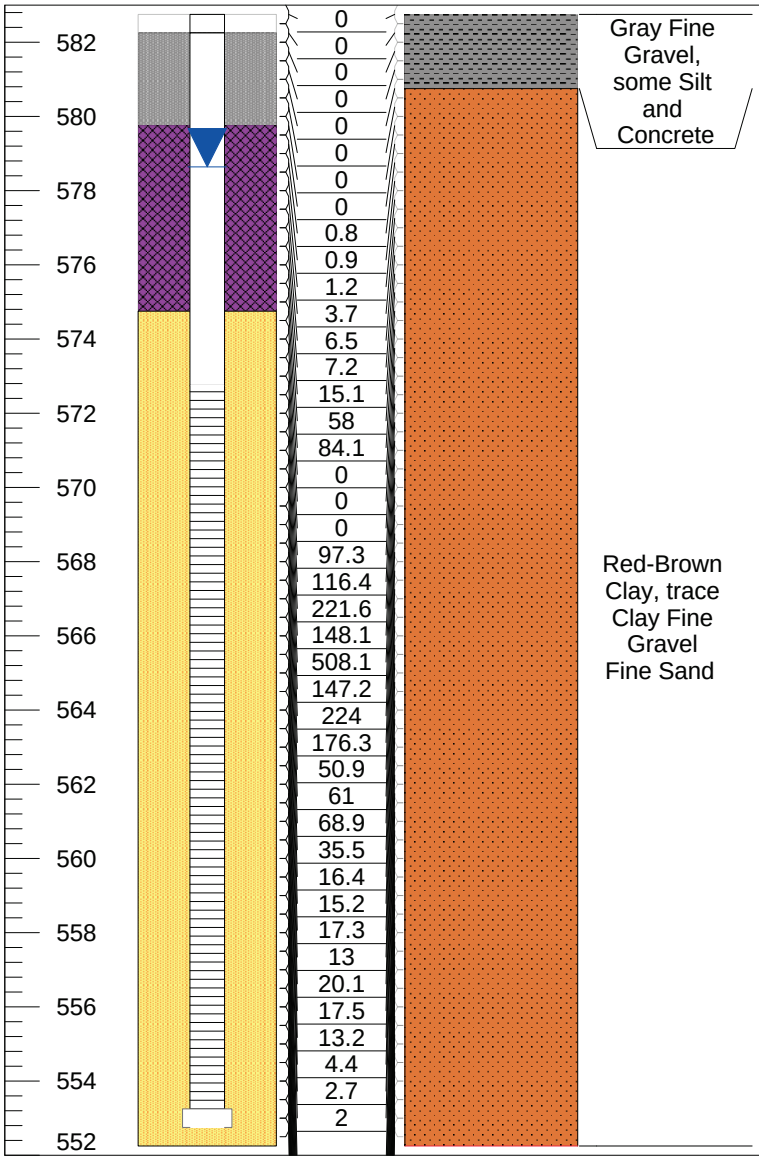
Material:	PVC
Diameter:	2"
Slot Count:	10
Slot Size:	2"
Seal Material:	Benotonite
Packing Material:	Silica-Sand
Surface Material:	Flash Mount, with Protective Casing and Bolt Lock

Monitoring Well Designatio: MW-03
Latitude: 42.9306862°
Longitude: -78.8958226°
Elevation: 579.15 Feet

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Well Construction Log

Project:	Fedder Lofts	Drilling Company:	Nature's Way Contracting
Location:	57 Tonawanda Street	Drill Type:	6" Hollow Stem Auger
Client:	Eran Epstein	Driller:	Nate
Client Address:	57-71 Tonawanda Street Buffalo, NY 14211	Drill Date:	1/14/2020



LEGEND

- Cement-Bentonite Grout
- Bentonite Seal
- Silica Pack
- Static Water Level

Well Construction Properties

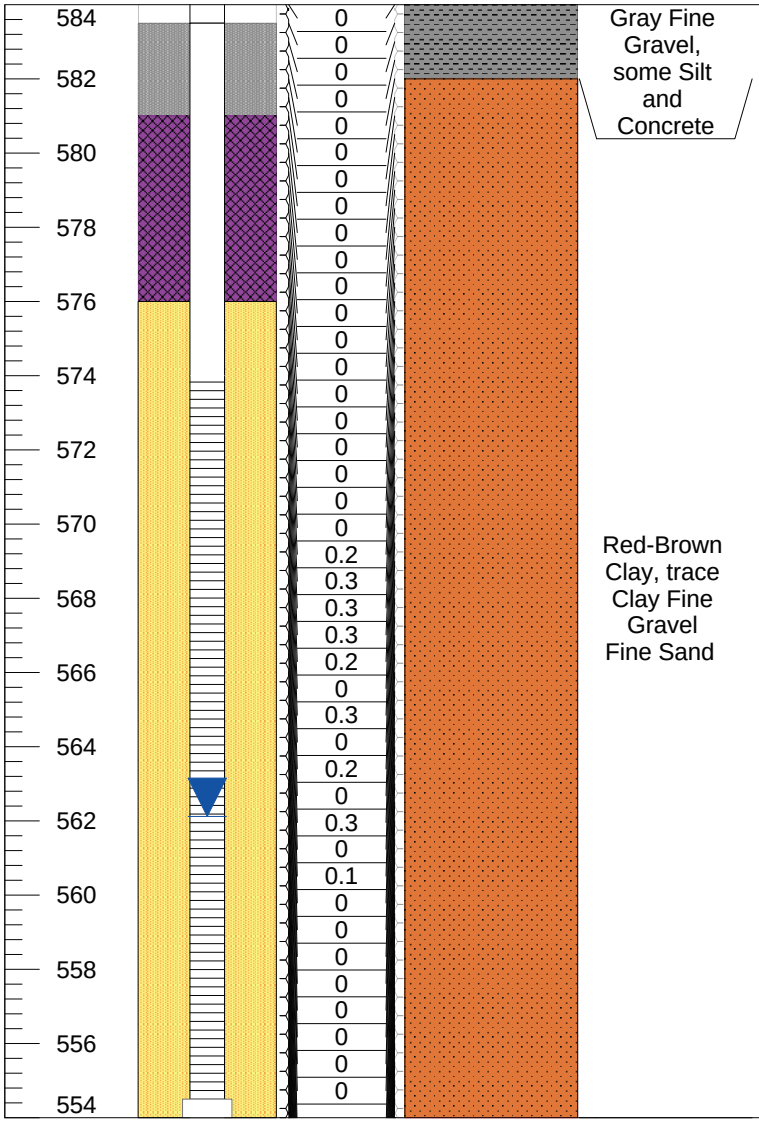
Material:	PVC
Diameter:	2"
Slot Count:	10
Slot Size:	2"
Seal Material:	Benotonite
Packing Material:	Silica-Sand
Surface Material:	Flash Mount, with Protective Casing and Bolt Lock

Monitoring Well Designation: MW-04
Latitude: 42.930726°
Longitude: -78.8971051°
Elevation: 582.75 Feet

BE3 CORP
BRYDGES ENGINEERING IN ENVIRONMENT & ENERGY
1270 Niagara Street
Buffalo, New York, 14213

Well Construction Log

Project:	Fedder Lofts	Drilling Company:	Nature's Way Contracting
Location:	57 Tonawanda Street	Drill Type:	6" Hollow Stem Auger
Client:	Eran Epstein	Driller:	Nate
Client Address:	57-71 Tonawanda Street Buffalo, NY 14211	Drill Date:	1/15/2020


Elevation (Ft)
Well
PID ppm
Soil Log
584
582
580
578
576
574
572
570
568
566
564
562
560
558
556
554
0 0 0

2023 NYSDEC
REMEDIAL INVESTIGATION REPORT
31 TONAWANDA STREET OFF-SITE

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

SOIL BORING LOG

BORING NO: SB-100

PROJECT:	31 Tonawanda Street Off-Site - Remedial Investigation
CLIENT:	NYSDEC
DRILLING CONTRACTOR:	TREC Environmental
SHEET:	1 of 2
SITE NO.:	C915299A
BORING LOCATION:	
DATE STARTED:	09/18/20
DATE FINISHED:	09/18/20
DRILLER:	Eric Hamman
GEOLOGIST:	Steven Moeller
REVIEWED BY:	

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CASING	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.		--		
FALL		--		

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	% REC	DESCRIPTION COLOR	MOIST.	MATERIAL DESCRIPTION	USCS	PID (ppm) Soil	PID (ppm) BHS
1					Brown Gray	Dry	2" Topsoil with grass 6" Angular gravel with sand			
2		1	2.0" MC	50%	Gray to Dark Gray to Black	Slightly Moist to Moist	Gravel and brick fragment in silty clay loam soil matrix	Fill	2.8	N/A
3										
4										
5		2	2.0" MC	30%	Brown	Wet	Sand and angular gravel in a clayey silt matrix	Fill	0.0	N/A
6										
7										
8							- piece of wood			
9		3	2.0" MC	25%	Gray	Wet	Sand and mostly angular gravel, trace silt & clay, no odor. Possible fall in.	Fill	0.0	N/A
10										
11										
12										
13		4	2.0" MC	23%	Gray	Wet	Same as above with trace of brick fragments. Slight petroleum/coal tar odor.	Fill	N/A	0.2
14										
15										
16										
17		5	2.0" MC	53%	Gray	Wet	0.8' same as above	Fill	71.4	80.4
					Black		0.7' Silty Clay with a coal tar odor	ML-CL		
18					Gray		Fine Sand, trace silt, coal tar odor	SM		
19										
20							- reddish brown coal tar in tip of sampler			

End of Boring @ 28' bgs

COMMENTS: Boring performed with a Geoprobe 6620 DT tracked direct-push rig;
2"ϕ PVC monitoring well MW-100 installed in borehole;
BHS = Bag Headspace NR = Not Recorded

SITE NO.: C915299A

BORING NO.: SB-100

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

SOIL BORING LOG

BORING NO: SB-100

PROJECT:	31 Tonawanda Street Off-Site - Remedial Investigation	**SHEET:**	2 of 2
CLIENT:	NYSDEC	**SITE NO.:**	C915299A
DRILLING CONTRACTOR:	TREC Environmental	**BORING LOCATION:**	
DATE STARTED:	09/18/20	**DATE FINISHED:**	09/18/20
DRILLER:	Eric Hamman	**GEOLOGIST:**	Steven Moeller
REVIEWED BY:			

GROUNDWATER:					CASING	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.		--		
				FALL		--		

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	% REC	DESCRIPTION COLOR	MOIST.	MATERIAL DESCRIPTION	USCS	PID (ppm) Soil	PID (ppm) BHS
21					Gray	Wet	1.3' fine & medium Sand, trace silt & clay. Coal tar staining & odor.	SM		
22		6	2.0" MC	38%	Reddish Brown	Moist	Bottom 0.2' Silty Clay with visible reddish brown coal tar.	ML-CL	N/A	547
23										
24										
25					Gray	Wet	1.2' fine & medium Sand, trace silt & clay. Coal tar staining & odor. Possible fall in.	SM		823
26		7	2.0" MC	78%	Reddish Brown	DNAPL	Silty Clay, heavily tar impacted - 4" thick medium to coarse sand stringer There was some inter layering of sand/gravel & silty clay	ML-CL	N/A	1295
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										

End of Boring @ 28' bgs

COMMENTS: Boring performed with a Geoprobe 6620 DT tracked direct-push rig;
2"ϕ PVC monitoring well MW-100 installed in borehole;
BHS = Bag Headspace NR = Not Recorded

SITE NO.: C915299A

BORING NO.: SB-100

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

SOIL BORING LOG

BORING NO: SB-103

PROJECT:	31 Tonawanda Street Off-Site - Remedial Investigation
CLIENT:	NYSDEC
DRILLING CONTRACTOR:	TREC Environmental
SHEET:	1 of 2
SITE NO.:	C915299A
BORING LOCATION:	
DATE STARTED:	09/18/20
DATE FINISHED:	09/18/20
DRILLER:	Eric Hamman
GEOLOGIST:	Steven Moeller
REVIEWED BY:	

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CASING	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.		--		
FALL		--		

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	% REC	DESCRIPTION COLOR	MOIST.	MATERIAL DESCRIPTION	USCS	PID (ppm) Soil	PID (ppm) BHS
1					Brown	Slightly Moist to Dry	1' Topsoil with gravel			
2		1	2.0" MC	55%	Gray		8" Sand and angular Gravel	Fill	N/A	N/A
3					Reddish Brown to Black		Reworked silty clay with sand, gravel, & brick fragments			
4										
5					Dark Brown to Black	Moist to Wet	Intermixed sand, silty clay, clayey silt, brick pieces & gravel	Fill		
6		2	2.0" MC	48%					0.0	N/A
7										
8										
9					Black	Wet	Fine to coarse Sand & Gravel, trace silt & clay	SM-GM		
10		3	2.0" MC	35%					0.0	N/A
11										
12					Grayish Brown		Last few inches coarse Sand & Gravel, trace silt & clay	SM-GM		
13					Black	Wet	0.8' fine sand, trace silt, gravel & brick pieces. Fall in.	Fill		
14		4	2.0" MC	50%			Fine to coarse Sand & Gravel, trace silt & clay	SM-GM	N/A	68.2
15										
16							- last few inches NAPL impacted - sheen & coal tar odor			
17					Black	Wet	Same as above. Outside of sample liner tube did not show NAPL impacts.	SM-GM		
18		5	2.0" MC	25%					6.4	N/A
19										
20										

End of Boring @ 24' bgs

COMMENTS: Boring performed with a Geoprobe 6620 DT tracked direct-push rig;
2"ϕ PVC monitoring well MW-103 installed in borehole;
BHS = Bag Headspace NR = Not Recorded

SITE NO.: C915299A

BORING NO.: SB-103

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

SOIL BORING LOG

BORING NO: SB-103

PROJECT:	31 Tonawanda Street Off-Site - Remedial Investigation	**SHEET:**	2 of 2
CLIENT:	NYSDEC	**SITE NO.:**	C915299A
DRILLING CONTRACTOR:	TREC Environmental	**BORING LOCATION:**	
GROUNDWATER:		**DATE STARTED:**	09/18/20
DATE FINISHED:	09/18/20		
DRILLER:	Eric Hamman		
GEOLOGIST:	Steven Moeller		
REVIEWED BY:			

DATE	TIME	LEVEL	TYPE		CASING	SAMPLER	CORE	TUBE
				TYPE		Macrocore		
				DIA.		2"		
				WT.		--		
				FALL		--		

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	% REC	DESCRIPTION COLOR	MOIST.	MATERIAL DESCRIPTION	USCS	PID (ppm) Soil	PID (ppm) BHS
21					Black	Wet	1.4' fall in.	Fill		
22		6	2.0" MC	100%	Gray		0.7' Silty Clay with Fine Sand, slightly plastic, sticky. NAPL impacts observed.	ML-SM	N/A	248.4
23					Reddish Brown		Silty Clay with fine silty partings, very firm, plastic. Dark reddish brown NAPL at 22.5' (top of clay) but not into clay.	ML-CL		
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										

End of Boring @ 24' bgs

COMMENTS: Boring performed with a Geoprobe 6620 DT tracked direct-push rig;
2"ϕ PVC monitoring well MW-103 installed in borehole;
BHS = Bag Headspace NR = Not Recorded

SITE NO.: C915299A

BORING NO.: SB-103

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

SOIL BORING LOG

BORING NO: SB-106

PROJECT: 31 Tonawanda Street Off-Site - Remedial Investigation	**SHEET:** 1 of 2
CLIENT: NYSDEC	**SITE NO.: C915299A**
DRILLING CONTRACTOR: TREC Environmental	**BORING LOCATION:**

GROUNDWATER:					CASING	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.		--		
				FALL		--		

DATE STARTED:	09/18/20
DATE FINISHED:	09/18/20
DRILLER:	Eric Hamman
GEOLOGIST:	Steven Moeller
REVIEWED BY:	

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	% REC	DESCRIPTION COLOR	MOIST.	MATERIAL DESCRIPTION	USCS	PID (ppm) Soil	PID (ppm) BHS
1		1	2.0" MC	55%	Brown Gray	Moist	4" Topsoil with gravel Few inches sand and angular gravel		N/A	N/A
2					Brown		Reworked silty clay, plastic, gravel inclusions, gray silty partings	Fill		
3										
4										
5		2	2.0" MC	53%	Brown	Moist to Wet	1' same as above	Fill	N/A	N/A
6					Black		Silty fine sand (possibly foundry sand), no odors	Fill		
7										
8										
9		3	2.0" MC	50%	Grayish Brown	Wet	0.7' possible fall in	Fill	N/A	N/A
10					Black		1.3' Silty Fine Sand, some gravel in top 4", sheen, slight coal tar odor	SM		
11										
12										
13		4	2.0" MC	75%	Black	Wet	1.5' same as above	SM	N/A	N/A
14					Black		1.5' Silty Clay, plastic, soft, sticky, sheens, strong coal tar odor	ML-CL		
15										
16										
17		5	2.0" MC	75%	Black	Wet	1.6' fine to coarse Silty Sand & Gravel, sticky, sheens, coal tar odor.	SM-GM	N/A	N/A
18					Gray		1.4' Silty Clay to Clayey Silt, plastic, sticky, soft to slightly firm	ML-CL		
19										
20										

End of Boring @ 24' bgs

COMMENTS: Boring performed with a Geoprobe 6620 DT tracked direct-push rig;
2"ϕ PVC monitoring well MW-106 installed in borehole;
BHS = Bag Headspace NR = Not Recorded PID Problems

SITE NO.: C915299A

BORING NO.: SB-106

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

SOIL BORING LOG

BORING NO: SB-106

PROJECT:	31 Tonawanda Street Off-Site - Remedial Investigation	**SHEET:**	2 of 2
CLIENT:	NYSDEC	**SITE NO.:**	C915299A
DRILLING CONTRACTOR:	TREC Environmental	**BORING LOCATION:**	
DATE STARTED:	09/18/20		
DATE FINISHED:	09/18/20		
DRILLER:	Eric Hamman		
GEOLOGIST:	Steven Moeller		
REVIEWED BY:			

GROUNDWATER:					CASING	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.		--		
				FALL		--		

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	% REC	DESCRIPTION COLOR	MOIST.	MATERIAL DESCRIPTION	USCS	PID (ppm) Soil	PID (ppm) BHS
21					Reddish Brown	Slightly Moist	Silty Clay, trace rounded gravel with coarse sand, very firm	ML-CL		
22		6	2.0" MC	50%					N/A	N/A
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										

End of Boring @ 24' bgs

COMMENTS: Boring performed with a Geoprobe 6620 DT tracked direct-push rig;
2"ϕ PVC monitoring well MW-106 installed in borehole;
BHS = Bag Headspace NR = Not Recorded PID Problems

SITE NO.: C915299A

BORING NO.: SB-106

2025 NYSDEC
SITE CHARACTERIZATION
FEDDERS AUTO COMPONENTS SITE

LaBella
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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB -VOC-01
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION: SE portion of site, proximate to MW-1/BH-01			
DRILLER:	K. Medley	GROUND SURFACE ELEVATION	578.04	DATUM:	NAVD88
LABELLA REPRESENTATIVE: AJ Moskaluk		START DATE: 11/3/2025	END DATE: 11/3/2025	WEATHER:	52°F, Rain

TYPE OF DRILL RIG: Geoprobe 6620DT	DRIVE SAMPLER TYPE: Dual-Tube
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct-Push	OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	24	SB-VOC-01 (4-5')	0 - 0.5	Asphalt [and gravel subbase]	0.0	
1						
2						
3						
4						
5			0.5 - 5	Multicolor, silt and sand, gravel, fill [material including (bricks and gravel/pebbles)]		
6	26	SB-VOC-01 (7-9')	5 - 6	Coarse sand, wet, fill [material including] bricks	0.0	
7						
8			6 - 8	Brownish red, silty clay with wood, stiff (cohesive/tight), plastic, [moist]		
9						
10			8 - 10	Brownish red, silty clay, stiff (cohesive/tight), plastic, [moist]		
11	12	SB-VOC-01 (10-15')	10 - 12	Brownish red, silty clay, stiff (cohesive/tight), plastic, [moist]	0.0	
12						
13						
14			12 - 14	Reddish brown, silty clay [with trace] pebbles, stiff (cohesive/tight), [moist]		
15			14 - 15	[Dark gray to] black, silty clay, some wood fragments, stiff (cohesive/tight), moist		
16	28	SB-VOC-01 (17-19')	15 - 16	Reddish brown, silty clay, stiff (cohesive/tight), moist	0.0	
17						
18						
19						
20			16 - 20	Silty sand, trace clay, shells and wood, loose, wet		
21	40	SB-VOC-01 (21-23')			0.0	
22						
23						
24						
25			20 - 25	Reddish brown, clay [with some gravel], [wet]		
26	50	SB-VOC-01 (28-30')			0.0	
27						
28						
29						
30			25 - 30	Reddish brown, silty clay with trace pebbles, stiff (cohesive), wet		

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	16 ft.

NOTES: Boring terminated at 30 ft. bgs; MW-1D subsequently installed at this location
Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

SB-VOC-01

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-02
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: NE Portion of site, near billboard
GROUND SURFACE ELEVATION 578.62 ft. amsl
START DATE: 10/31/25
END DATE: 10/31/25
DATUM: NAVD88
WEATHER: 47°F, Rain

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0						
1	33	SB-VOC-02 (3-5')	0 - 0.5	Asphalt [and gravel subbase]		
			0.5 - 1	[Dark grey to] black, silty sand, trace [gravel]/pebbles, wood fragments, loose, moist	0.3	
2						
3			1 - 3	Yellow and red brick fragments, loose		
4					0.0	
5			3 - 5	[Gray], black, and light brown silty sand with some [gravel]/pebbles, loose, moist		
6	37	SB-VOC-02 (7-9')				
7			5 - 7	[Brown to reddish brown], silty clay (silt with clay), some [gravel]/pebbles, stiff (cohesive/tight), semi-plastic, moist, with wood fill		
8					0.0	
9						
10			7 - 10	[Reddish brown], silty clay (silt with clay), some [gravel]/pebbles, stiff (cohesive/tight), semi-plastic, moist		
11	48	SB-VOC-02 (14-15')				
12						
13						
14			10 - 14	[Reddish brown], silty clay (silt with clay), stiff (cohesive/tight), plastic, moist	0.1	
15			14 - 15	Black to light yellow, fine sandy silt (sandy silt and fine sand) with shells, [loose], moist	0.4	
16	56	SB-VOC-02 (19-20')				
17						
18						
19			15 - 19	Light yellow to gray, fine sandy silt (sandy silt and fine sand) with shells, trace pebbles and and leaves, loose, moist to wet	0.6	
20			19 - 20	[Gray to yellowish], fine silty sand (fine sand) [with some shells], [loose], wet (saturated)	0.7	Slight Odor
21	36	SB-VOC-02 (22-24')				
22						
23			20 - 22	Gray [to black], fine sandy silt (sandy silt and fine sand) with shells, [loose], [wet], coal tar	111	Odor and sheen on soils
24			22 - 24	[Gray to black], medium to coarse sand (coarse sand) with gravel and shells, coal tar	903.1	Odor and sheen on soils
25			24 - 25	[Gray to black], fine sandy silt (silt and sand) with shells, loose, wet, coal tar	394.0	Odor
26	Not Recorded	SB-VOC-02 (26-28')	25 - 26	[Gray to black], fine sandy silt (sand with rounded pebbles), loose, wet (saturated), coal tar	394.0	Odor
27			26 - 27	[Gray to black], fine sandy silt (silt and sand) with shells, loose, wet, coal tar	505.6	Odor
28			27 - 28	[Gray to black], fine sandy silt (fine sand), loose, wet (saturated), coal tar	569.7	Odor
29						
30			28 - 30	Reddish brown, silty clay (clay), trace [gravel]/pebbles, medium stiff (cohesive/tight), [plastic], [wet]	163.3	

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	19 ft.

NOTES: Boring terminated at 30 ft. bgs; MW-2D subsequently installed at this location
Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

SB-VOC-02

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-03
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: Parking lot East of the building
GROUND SURFACE ELEVATION 579.34
START DATE: 10/31/25
END DATE: 10/31/25
DATUM: NAVD88
WEATHER: 47°F, Overcast

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1	56	SB-VOC-03 (3-5')	0 - 0.5	Asphalt [and gravel subbase]	0.0	
2			0.5 - 2	[Gray to] black, silty sand with some subrounded gravel, loose, moist		
3			2 - 3	Concrete		
4 5			3 - 5	[Brown, gray, and black], coarse silty sand (silty sand, granular/coarse), loose, moist to wet		Brick fragments
6 7	44	SB-VOC-03 (7-9')	5 - 7	Light yellow, medium to coarse sand (coarse sand) with some silt, trace rounded gravel/pebbles, [loose], moist	0.0	
8			7 - 8	Reddish brown, silty clay, stiff (cohesive/tight), plastic, moist		
9			8 - 9	Reddish brown, silty clay, includes woody/organic material, [moist]		
10			9 - 10	Black [and gray], silty clay (clayey silt), medium stiff (cohesive), moist		
11 12	28	SB-VOC-03 (12-13')	10 - 12	Gray, clayey silt, trace [gravel]/pebbles, medium stiff (cohesive), moist	0.0	
13						
14 15		SB-VOC-03 (13-15')	12 - 15	Reddish brown, silty clay (clay and silt) with [gray] mottling, stiff (cohesive/tight), plastic, moist		
16 17	48	SB-VOC-03 (17-19')			0.0	
18			15 - 18	Reddish brown, silty clay with [gray] mottling, stiff (cohesive/tight), plastic, moist		
19			18 - 19	Gray], silty clay, trace sand and angular [gravel]/pebbles, [loose], moist		
20			19 - 20	Reddish brown, silty clay, [stiff, moist]		
21 22 23 24 25	Not Recorded	SB-VOC-03 (22-24')	20 - 25	Reddish brown, silty clay, trace rounded gravel/pebbles, medium stiff (tight/cohesive), plastic, [moist]	0.0	
26 27 28 29 30	Not Recorded	SB-VOC-03 (25-27')	25 - 30	Reddish brown, silty clay, trace rounded gravel/pebbles, stiff (tight/firm/cohesive), plastic, wet (moist to wet)	0.0	

WATER LEVEL DATA			DEPTH (FT)			NOTES: Boring terminated at 30 ft. bgs; MW-3D subsequently installed at this location
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].
				30 ft.	25 ft.	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
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SB-VOC-03

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-04
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
AJ Moskaluk
BORING LOCATION: Eastern edge of the parking lot
GROUND SURFACE ELEVATION 578.16
START DATE: 11/3/2025
END DATE: 11/3/2025
DATUM: NAVD88
WEATHER: 40°F, Rain

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	48	SB-VOC-04 (3-5')	0 - 0.25	Asphalt [and gravel subbase]	0.0	
1						
2						
3			0.25 - 3	[Gray to] black, silty sand, trace [gravel]/pebbles, loose, dry		
4						
5			3 - 5	Black, coarse silty sand (silty coarse sand) with crushed-concrete fill, asphalt millings, and gravel/pebbles, loose, [dry to moist]		
6	12	SB-VOC-04 (5-10')			0.0	
7						
8						
9						
10			5 - 10	Fill material including crushed concrete, bricks, asphalt millings, and gravel/pebbles, with trace silt and sand, loose, wet		
11	20	SB-VOC-04 (14-15')				
12			10 - 12	[Gray to] black, silty sand with some [gravel]/pebbles and concrete fill, loose, wet, coal tar	7.0	Odor
13						
14						
15			12 - 15	[Gray to black], silty sand with timber and wood fill, [loose], wet, coal tar	12.7	Strong odor and sheen on soils
16	40	SB-VOC-04 (16-18')				
17						
18			15 - 18	Alluvium: [gray to black] gravel with some silt and large subrounded pebbles, loose, wet, with coal tar	26.2	Odor and sheen on soils
19			18 - 19	Gray to black], sandy silt with shells, [loose], wet, coal tar	396.6	Odor
20			19 - 20	[Gray to black], coarse sand with silt and shells, [loose], wet, [coal tar]	396.6	Strong odor
21	50	SB-VOC-04 (20-25')				
22						
23			20 - 25	[Gray to black], gravel and coarse sand with pebbles and wood, [loose], wet, coal tar	59.2	Sheen on soils
24						
25						
						Lost Dual-Tube sampler while drilling 25-30'; offset ~5 feet West. See SB-VOC-4B log

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				25 ft.	5 ft.

NOTES: Boring terminated at 30 ft. bgs; offset due to lost sampler
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GENERAL NOTES

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-05
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: Parking lot East of the building
GROUND SURFACE ELEVATION 578.54
START DATE: 10/31/2025
END DATE: 10/31/2025
DATUM: NAVD88
WEATHER: 47°F, Rain

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0						
1			0 - 1	Asphalt and [gravel] subbase, loose, moist	0.1	
2	56	SB-VOC-05 (4-5')	1 - 2	Light gray, black, and dark gray sand and silt, loose, moist	0.1	
3						
4			2 - 5	[Dark gray to] black, sand and silt, fill material including brick and concrete, loose, moist	0.1	
5						
6						
7	56	SB-VOC-05 (7-9')	5 - 7	Black, sand and silt, fill material including timber, brick, and concrete, [loose], moist	0.1	
8						
9			7 - 10	Black, silt and clay, fill material including timber/wood, brick and concrete, stiff (cohesive/tight), moist	0.3	
10						
11			10 - 11	Black, silt and gravel, fill material including timber, brick, and concrete, [loose], moist		
12	56	SB-VOC-05 (12-14')	11 - 12	[Gray to black], clay, trace [gravel]/pebbles and fill, stiff (cohesive) plastic, moist	0.0	
13						
14			12 - 14	Black, silt with trace sand, some wood, loose, moist		
15			14 - 15	Light gray, silt with fine sand and some sea shells, loose, moist		
16			15 - 16	Gray, silty clay, plastic, stiff (cohesive/tight), wet		
17						
18	56	SB-VOC-05 (15-17')	16 - 18	[Gray], silty sand with coarse sand, shells, and organic material (plant matter) loose, wet	0.9	
19						
20			18 - 20	[Gray], silty sand with coarse sand, shells, and trace organic material (plant matter), loose, wet; fewer shells than above	0.6	
21						
22	56	SB-VOC-05 (22-24')	20 - 22	[Gray], gravel with trace silt and rounded pebbles, loose, wet	0.1	
23						
24			22 - 30	Reddish brown, silty clay, trace rounded gravel/pebbles, stiff (cohesive/tight), wet (moist), native clay		
25						
26						
27						
28	Not Recorded	SB-VOC-05 (29-30')			0.1	
29						
30						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].
				30 ft.	15 ft.	

GENERAL NOTES

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-06
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: East of building
GROUND SURFACE ELEVATION 582.31
START DATE: 10/30/2025
END DATE: 10/30/2025
DATUM: NAVD88
WEATHER: 42°F, Rain

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0						
1			0 - 1	[Gray to] black, gravel and pebbles with silt, loose, moist	731	Odor
2	45	SB-VOC-06 (0-2')				
3					90.3	
4						
5			1 - 5	Silty clay, trace [gravel]/pebbles, stiff (cohesive/tight), moist	12.2	
6						
7						
8	40	SB-VOC-06 (8-10')	5 - 10	Reddish brown, silty clay, trace rounded gravel/pebbles, stiff (cohesive/tight), plastic, moist	3.9	
9						
10					10.2	
11						
12						
13	58	SB-VOC-06 (12-14')	10 - 15	Reddish brown, silty clay, trace gravel/pebbles, stiff (cohesive/tight), plastic, moist	3.8	
14					18.4	
15					9.8	
16						
17						
18	58	SB-VOC-06 (16-18')	15 - 20	Reddish brown, silty clay, trace gravel/pebbles, stiff (firm/cohesive), plastic, moist	5.3	
19						
20					3.1	
21						
22					24.4	
23	58	SB-VOC-06 (22-25')	20 - 25	Reddish brown, silty clay, trace rounded gravel/pebbles, stiff (firm/cohesive), plastic, moist, with mottling		
24					25.5	
25					10.8	
26						
27						
28				No Sample Recovery		
29						
30						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	

NOTES: Boring terminated at 30 ft. bgs; MW-6D subsequently installed at this location
Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].

GENERAL NOTES

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-07
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: West of building
GROUND SURFACE ELEVATION 583.67
START DATE: 11/4/2025 END DATE: 11/4/2025
DATUM: NAVD88
WEATHER: 50°F, Partly sunny

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	48	SB-VOC-07 (2-4')	0 - 1	Black, silty sand with organics, moss, and wood, [loose], moist	0.0	Sulfur odor from 0 - 5'
1			1 - 2	Black, silty clay with [some gravel]/pebbles and fill material including brick, concrete, and wood, loose, moist, with gray mottling (gray streaks)		
2						
3			2 - 4	Reddish gray fill material including pebbles, wood, glass, steel, and other metals, loose, loose, dry		
4						
5			4 - 5	Reddish brown, silty clay, trace [gravel]/pebbles, stiff (firm/cohesive), [moist]		
6	56	SB-VOC-07 (6-8')	5 - 10	Reddish brown, silty clay, trace [gravel]/angular pebbles, stiff (firm/cohesive), dry to moist.	34.2	~2" sand lens at bottom of core
7						
8					51.1	
9						
10					23.9	
11	41	SB-VOC-07 (11-13')	10 - 15	Reddish brown, silty clay with gray mottling (gray streaks), trace rounded [gravel]/pebbles, stiff (firm/cohesive), moist		
12						
13					73.3	
14					148.2	
15					69.1	
16	58	SB-VOC-07(19-20')	15 - 20	Reddish brown, silty clay with [gray] mottling, trace [gravel]/pebbles stiff (cohesive), moist	34.6	
17						
18					43.3	Slight odor
19						
20					53.7	
21	56	SB-VOC-07 (20-21')	20 - 21	Reddish brown, silty clay, [stiff, moist]	21.2	
22		SB-VOC-07 (21-23')				
23			21 - 23	Black and reddish brown, silty clay with some gravel and trace organic material (plant material), stiff (firm), moist	3.0	
24			23 - 24	Reddish brown, silty clay, [stiff, moist]		
25			24 - 25	Light brown to reddish brown, sandy clay with trace silt, [stiff, moist]	2.7	
26	60	SB-VOC-07 (25-27')				
27			25 - 27	Reddish brown, silty clay with some gravel/pebbles, trace organic material (wood), stiff (firm), wet, with black [and blue-gray] mottling (blue/gray streaks)	2.3	Odor
28						
29		SB-VOC-07 (29-30')	27 - 29	Reddish brown, silty clay (silt and sandy clay) with some sand and trace gravel/pebbles, stiff (firm/cohesive), wet	0.8	
30			29 - 30	Reddish brown, clay, stiff (firm), wet	8.0	

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	25 ft.

NOTES: Boring terminated at 30 ft. bgs; MW-7D subsequently installed at this location
Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED

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some = 20 - 35%
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SB-VOC-07

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-08
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: East of building, proximate to BH-04
GROUND SURFACE ELEVATION 578.94
START DATE: 10/31/2025 END DATE: 10/31/2025
DATUM: NAVD88
WEATHER: 47°F, Rain

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0						
1			0 - 0.75	Asphalt [and gravel subbase]		
2						
3	58	SB-VOC-08 (1-3')	0.75 - 3	[Gray to black], silty gravel, fill material including brick and concrete, loose, moist	1.4	
4			3 - 4	Black, silty sand, trace clay, brick fill material, loose, moist	6.0	
5			4 - 5	Reddish brown, clay, firm, plastic, moist	1.5	
6						
7					0.1	
8	46	SB-VOC-08 (9-10')	5 - 9	Brown and light gray, clay with some silt, trace angular gravel/pebbles, stiff (firm/cohesive), moist		
9					0.3	
10			9 - 10	Brown and light gray, clay with some silt, trace angular gravel/pebbles and organic material (leaves/plant material), stiff (firm/cohesive), moist, fibrous	0.5	
11						
12			10 - 12	Brown, clay with some gravel, medium stiff (semi-firm/cohesive), plastic, moist	1.1	
13	56	SB-VOC-08 (10-12')				
14			12 - 14	Brown, silty clay with trace pebbles and organic material (wood/plant material), stiff (cohesive), plastic, [moist]	1.1	
15			14 - 16	Black, silty clay with some fine sand and trace organic material (wood/plant material), [stiff], moist	0.4	
16						
17						
18	57	SB-VOC-08 (19-20')	16 - 18	Light gray to brown, sand with some silt, shells, and trace organic material (plant material), [stiff], moist, laminated	0.4	
19					0.6	
20			18 - 20	Reddish brown, silty clay, medium stiff (firm/cohesive), plastic, moist	1.8	
21			20 - 21	Sandy, rounded gravel, loose, wet, poorly sorted	0.6	
22						
23	60	SB-VOC-08 (22-24')				
24					0.4	
25			21 - 28	Reddish brown, silty clay, medium stiff (firm/cohesive), plastic, wet	0.5	
26						
27						
28	60	SB-VOC-08 (25-28')			1.3	
29						
30			28 - 30	Sandy gravel, loose, wet, poorly sorted	0.4	

WATER LEVEL DATA			DEPTH (FT)			NOTES: Boring terminated at 30 ft. bgs
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].
				30 ft.	20 ft.	

GENERAL NOTES

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-09
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: East of building
GROUND SURFACE ELEVATION 579.58
START DATE: 11/3/2025
END DATE: 11/3/2025
DATUM: NAVD88
WEATHER: 45°F, Cloudy

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3	33	SB-VOC-09 (2-4')	0 - 0.75	Asphalt [and gravel subbase]	0.0	
4 5			0.75 - 4	Black, silt and gravel, trace fill material including brick/wood, loose, moist		
6 7 8 9 10	30	SB-VOC-09 (6-8')	4 - 6 6 - 8	Brown, silty clay, trace [gravel]/pebbles, fill material including brick and timber/wood, moist Brown and black, silty clay, trace [gravel]/pebbles, moist	0.0	
11 12 13 14 15	58	SB-VOC-09 (12-14')	8 - 11 11 - 12 12 - 15	Black, organic material/peat with some silt, wood, and trace coarse sand, moist Reddish brown, silty clay, stiff (cohesive/tight), plastic, moist Reddish brown, silty clay, trace rounded [gravel]/pebbles, stiff (cohesive/tight), plastic, moist	0.0	
16 17 18 19 20	58	SB-VOC-09 (16-18')	15 - 17 17 - 18 18 - 20	Black and brown, silty clay with trace sand, plastic, moist to wet Red, orange, and black, silty clay with organic material (leaves), stiff (cohesive), non-plastic, moist Reddish brown, silty clay with some coarse sand and trace pebbles stiff (tight/cohesive), plastic, moist	0.0	
21 22 23 24 25	60	SB-VOC-09 (21-23')	20 - 24 24 - 25	Reddish brown, silty clay, trace rounded gravel/pebbles, stiff (firm/cohesive) plastic, moist Light brown, fine to coarse sand, loose, moist	0.0	
26 27 28 29 30	60	SB-VOC-09 (26-28')	25 - 28 28 - 30	Reddish brown, silty clay (clay), trace [gravel]/pebbles, stiff (firm/cohesive/tight), plastic, [moist] Reddish brown, silty clay, trace [gravel]/pebbles and decayed plant material, soft, non-plastic, wet	0.0	

NOTES: Boring terminated at 30 ft. bgs
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WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
DATE	TIME	ELAPSED TIME			
				30 ft.	28 ft.

GENERAL NOTES

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-10
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: East of building
GROUND SURFACE ELEVATION 581.41
START DATE: 11/3/2025
END DATE: 11/3/2025
DATUM: NAVD88
WEATHER: 45°F, Cloudy

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	50	SB -VOC-10 (3-5')	0 - 0.5	Asphalt [and gravel subbase]	0.0	
1			0.5 - 2	Black, silty sand, trace pebbles, fill material including slag, loose, moist		
2			2 - 3	Black and brown, silty clay, stiff (firm), plastic, moist		
3			3 - 4	Black and brown, silty clay with trace organic material (plant material, twigs, and fibers), stiff (firm), plastic, moist		
4						
5			4 - 5	Reddish brown, silty clay, moist		
6	50	SB -VOC-10 (5-7')	5 - 10	Reddish brown, silty clay, trace [gravel]/pebbles, stiff (firm/cohesive), plastic, moist	0.0	
7						
8						
9						
10						
11	57	SB -VOC-10 (11-13')	10 - 12	Reddish brown, silty clay, trace [gravel]/pebbles, stiff (firm/cohesive), plastic, moist	0.0	
12						
13			12 - 13	Brown, silty clay, trace [gravel]/pebbles, stiff (tight/cohesive), moist		
14						
15			13 - 15	Brown, clay with trace silt and pebbles, very plastic, medium stiff (firm/cohesive/tight), moist		
16	56	SB -VOC-10 (17-19')	15 - 18	Brown to reddish, clay with trace silt, stiff (firm/cohesive/tight), plastic, moist	0.0	
17						
18						
19			18 - 30	Reddish brown, silty clay, trace [gravel]/pebbles, stiff (firm/cohesive/tight), plastic, moist		
20						
21	60	SB -VOC-10 (21-23')		Reddish brown, silty clay, trace [gravel]/pebbles, stiff (firm/cohesive/tight), plastic, moist	0.0	
22						
23						
24						
25						
26	56	SB -VOC-10 (24-26')		Reddish brown, silty clay, trace [gravel]/pebbles, stiff (firm/cohesive/tight), plastic, moist	0.0	
27						
28						
29						
30						

WATER LEVEL DATA			DEPTH (FT)			NOTES: Boring terminated at 30 ft. bgs
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].
				30 ft.		

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-11
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION: East of building			
DRILLER:	K. Medley	GROUND SURFACE ELEVATION	580.79	DATUM:	NAVD88
LABELLA REPRESENTATIVE: AJ Moskaluk		START DATE: 11/4/2025	END DATE: 11/4/2025	WEATHER:	50°F, Partly sunny
TYPE OF DRILL RIG: Geoprobe 6620DT			DRIVE SAMPLER TYPE: Dual-Tube		
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct-Push			OTHER:		

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0 - 0.5	Asphalt and [gravel] subbase		
1						
2	25	SB-VOC-11 (3-5')	0.5 - 2	Black, silty sand with trace [gravel]/pebbles, fill material including brick, concrete, and asphalt	0.0	
3			2 - 4	Silty sand with trace [gravel]/pebbles, fill material including asphalt, concrete, brick, and ash		
4						
5			4 - 5	Silty clay with some reworked fill		
6						
7			5 - 7	Reddish brown, silty clay, trace [gravel]/pebbles, stiff (firm/cohesive), plastic, moist		
8	58	SB-VOC-11 (6-8')			0.0	
9						
10			7 - 10	Reddish brown, clay with silt, trace pebbles, very plastic, stiff (firm), moist		
11						
12						
13	58	SB-VOC-11 (11-13')	10 - 13	Reddish brown, silty clay, stiff (firm/cohesive), plastic, moist	0.0	
14			14 - 20	Reddish brown, silty clay with gray mottling (mottling/gray streaks), trace rounded to subrounded [gravel]/pebbles, stiff (firm/cohesive), plastic, moist		
15						
16						
17						
18	58	SB-VOC-11 (18-20')		Reddish brown, silty clay with gray mottling (mottling/gray streaks), trace rounded to subrounded [gravel]/pebbles, stiff (firm/cohesive), plastic, moist	0.0	
19						
20						
21			20 - 30	Reddish brown, silty clay with gray mottling (mottling/gray streaks), trace [gravel]/ pebbles, stiff (firm/cohesive), plastic, moist		Native soil
22						
23	48	SB-VOC-11 (24-25')			0.0	
24						
25						
26						
27						
28	50	SB-VOC-11 (26-28')		Reddish brown, silty clay with gray mottling (mottling/gray streaks), trace [gravel]/ pebbles, stiff (firm/cohesive), plastic, moist	0.0	
29						
30						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	6 ft.

NOTES: Boring terminated at 30 ft. bgs
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GENERAL NOTES

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BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-12
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION: East of building			
DRILLER:	K. Medley	GROUND SURFACE ELEVATION	579.31	DATUM:	NAVD88
LABELLA REPRESENTATIVE: AJ Moskaluk		START DATE: 11/3/2025	END DATE: 11/3/2025	WEATHER:	45°F, Cloudy
TYPE OF DRILL RIG: Geoprobe 6620DT			DRIVE SAMPLER TYPE: Dual-Tube		
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct-Push			OTHER:		

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0 - 0.25	Asphalt		
1			0.25 - 1	Black, silty clay, [gravel]/pebbles, fill material, stiff (firm/tight), moist		
2	60	SB-VOC-12 (3-5')	1 - 2	Fill material including brick and concrete	0.0	
3						
4			3 - 4	Brown, sand with trace pebbles, fill material including brick and concrete, loose, wet		
5			4 - 5	Reddish brown, clay with trace silt, trace fill, stiff (cohesive)		
6						
7			5 -7	Sandy silt with trace [gravel]/pebbles, fill material including brick and concrete, loose, wet		
8	34	SB-VOC-12 (8-10')			0.0	
9			7 - 9	Reddish brown, clay, trace [gravel]/pebbles		
10			9 - 10	Black, silty clay, organic material including wood and plants/peat, stiff (firm/cohesive)		
11						
12						
13	44	SB-VOC-12 (11-13')			0.0	
14			10 - 14	Reddish brown, clay		
15						
16			14 - 16	Gray to black, gravel and clay, loose, wet		
17						
18	60	SB-VOC-12 (16-18')	16 - 18	Reddish brown, silty clay, trace [gravel]/pebbles	0.0	
19						
20			18 - 20	Reddish brown, clay, medium stiff (cohesive), plastic		
21						
22						
23	58	SB-VOC-12 (22-24')	20 - 23	Reddish brown, silty clay, trace [gravel]/pebbles, medium stiff (firm/tight), moist	0.3	
24			23 - 24	Gray to black, silt, loose, wet	0.1	
25			24 - 25	Reddish brown, clay	0.0	
26			25 - 26	Gray to black, silt with clay, loose, wet		
27			26 - 27	Reddish brown, clay		
28	60	SB-VOC-12 (27-29')	27 - 28	Gray to black, silt and sand	0.0	
29						
30			28 - 30	Reddish brown, silty clay		

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	14 ft.

NOTES: Boring terminated at 30 ft. bgs
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GENERAL NOTES

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-13
SHEET 1 of 1
JOB:2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE: 10/31/25
END DATE: 10/31/2025
DATUM: NA
WEATHER: 47°F, Rain

TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Dual-Tube
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0						
1			0 - 0.5	Asphalt [and gravel subbase]		
2	41	SB-VOC-13 (4-5')	0.5 - 2	Black, silt with some clay, trace gravel, loose, moist	0.0	
3			2 - 3	Light gray, silt with some gravel, [loose], moist		
4						
5			3 - 5	Brown, clay with trace gravel, stiff (cohesive/tight), moist		
6						
7						
8	5		5 - 10	Clay with angular pebbles, wet	0.0	*Strong sewer type odor Poor recovery
9						
10						
11		SB-VOC-13 (10-12')	10 - 12	Reddish brown, clay, trace pebbles, stiff (cohesive/tight), plastic, wet		
12						
13	60				0.0	
14			12 - 15	Reddish brown, silty clay with gray mottling (mottling/gray streaks), stiff (cohesive/tight wet		
15		SB-VOC-13 (14-15')				
16						
17						
18	Not Recorded	SB-VOC-13 (16-18')	15 - 20	Reddish brown, silty clay with [gray] mottling, trace angular [gravel]/pebbles, stiff (cohesive/tight), plastic, moist	0.0	
19						
20						
21						
22						
23	58	SB-VOC-13 (22-24')	20 - 25	Reddish brown, silty clay with [gray] mottling, trace [gravel]/pebbles, stiff (cohesive/tight), plastic, moist	0.0	
24						
25						
26						
27						
28	48	SB-VOC-13 (27-29')	25 - 30	Reddish brown, silty clay, trace [gravel]/pebbles, stiff (cohesive/tight), plastic	0.0	
29						
30						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	5 ft.

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GENERAL NOTES

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trace = 1 - 10%

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-14/14B
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: East of building
GROUND SURFACE ELEVATION 582.37
START DATE: 10/30/2025
END DATE: 10/30/2025
DATUM: NA
WEATHER: 42°F, Rain
TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0 - 1	Concrete and gravel	0.0	
1						
2	34	SB-VOC-14B (1-2')	1 - 2	Black, silty clay with trace gravel/pebbles, loose, non-plastic	356	
3		SB-VOC-14 (2-3')				
4			2 - 5	Light brown, silt with clay, trace angular gravel, plastic	3.8	
5						
6					3.1	Native soil
7						
8	58	SB-VOC-14 (6-7')	5 - 10	Light brown to reddish, silt with clay, stiff (firm/tight), plastic, wet	3.7	
9						
10					2.4	
11						
12					0.0	
13	58	SB-VOC-14 (12-13')	10 - 15	Reddish brown, clayey silt, stiff (firm/tight/cohesive), plastic, wet	0.2	
14						
15					0.1	
16			15 - 16	Dark gray, sand and rounded gravel, loose, wet	2.6	
17						
18	58	SB--VOC-14 (18.5-20')			0.9	
19			16 - 20	Reddish brown, silty clay, trace pebbles, plastic, wet	2.7	
20						
21					2.7	
22						
23	58	SB-VOC-14 (22-24')	20 - 25	Reddish brown, some gray, silty clay, trace pebbles, plastic, wet	2.9	
24						
25					1.9	
26						
27					3.9	
28	56	SB-VOC-14 (25-27')	25 - 30	Reddish brown, gray mottling, clay with silt, trace pebbles, stiff (cohesive), plastic, wet		
29						
30					0.0	

WATER LEVEL DATA			DEPTH (FT)			NOTES: Boring terminated at 30 ft. bgs
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].
				30 ft.	6 ft.	

GENERAL NOTES

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trace = 1 - 10%

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-15
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR: LaBella Env. LLC
DRILLER: K. Medley
LABELLA REPRESENTATIVE: AJ Moskaluk
BORING LOCATION: East of building
GROUND SURFACE ELEVATION NA
START DATE: 10/30/2025
END DATE: 10/30/2025
DATUM: NA
WEATHER: 42°F, Rain
TYPE OF DRILL RIG: Geoprobe 6620DT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct-Push
DRIVE SAMPLER TYPE: Dual-Tube
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	41	SB-VOC-15 (0.5-2')	0 - 0.5	Asphalt		
1					0.3	
2			0.5 - 2	Black, sand and gravel, fill material including brick and concrete, loose, moist		
3					0.2	
4			2 - 4	Gray to black, silty clay, stiff (cohesive/tight), plastic, moist		
5					0.2	
6	36	SB-VOC-15 (5-7')	4 - 10	Reddish to dark brown, silty clay, trace pebbles, stiff (cohesive/tight)	0.3	
7						
8						
9						
10						
11	58	SB-VOC-15 (12-14')	10 - 12	Reddish brown, silty clay, trace pebbles, stiff (cohesive/tight), plastic, moist	0.1	
12						
13						
14			12 - 14	Reddish brown, light gray mottling, silty clay, trace pebbles, stiff (cohesive/tight), plastic, moist		
15						
16	58	SB-VOC-15 (17-19')	14 - 16	Reddish brown, gray mottling (gray streaks), silty clay, stiff (cohesive/tight), plastic, moist	0.1	
17						
18			16 - 18	Reddish brown, silty clay, stiff (cohesive/tight), plastic, moist		
19						
20			18 - 20	Light brown to gray, silty clay, plastic, moist		
21	Not Recorded	SB-VOC-15 (22-24')	20 - 22	Light brown, reddish, silty clay, stiff (cohesive/tight), plastic, moist	0.1	
22						
23				Reddish brown, grey mottling, silty clay, trace pebbles, stiff, moist		
24						
25			22 - 25	Reddish brown, gray mottling, silty clay, stiff (cohesive/tight), plastic, moist		
26	Not Recorded	SB-VOC-15 (27-29')	25 - 30	Reddish brown with gray inclusions, silty clay, stiff (cohesive/tight), plastic, moist	0.1	
27						
28					0.2	
29						
30					0.1	

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	

NOTES: Boring terminated at 30 ft. bgs
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GENERAL NOTES

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Former Fedder's Automotive Components
57 Tonawanda Street, Buffalo, New York
NYSDEC Site Code 915024
NYSDEC CallOut ID 153385

BORING: SB-VOC-16
SHEET 1 of 1
JOB: 2234026.185
CHKD BY: S. Campana

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION: NE Portion of site, near billboard			
DRILLER:	K. Medley	GROUND SURFACE ELEVATION	578.73	DATUM:	NAVD88
LABELLA REPRESENTATIVE: AJ Moskaluk		START DATE: 11/4/2025	END DATE: 11/4/2025	WEATHER:	50°F, Partly sunny
TYPE OF DRILL RIG: Geoprobe 6620DT			DRIVE SAMPLER TYPE: Dual-Tube		
AUGER SIZE AND TYPE: NA			INSIDE DIAMETER: 2"		
OVERBURDEN SAMPLING METHOD: Direct-Push			OTHER:		

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0 - 0.5	Asphalt [and gravel subbase]		
1						
2	30	SB-VOC-16 (2-4')	0.5 - 2	Fill material including concrete, trace silt and pebbles, loose, wet	0.0	
3			2 - 3	Black, sandy silt, fill material including brick/concrete/wood, loose, moist		
4						
5			3 - 5.5	Black, silty clay, trace sand and [gravel]/pebbles, stiff (firm), moist		
6			5.5 - 6	Gray to black, coarse sand with gravel, loose, wet	0.4	
7						
8	55	SB–VOC-16 (5-7')	6 - 8.5	Reddish brown, silty clay	0.5	
9			8.5 - 9	Black, silty clay, organic material/peat, stiff (firm), wet		
10			9 - 10	Reddish brown, silty clay	0.4	
11					0.0	
12			10 - 12	Gray to black, sandy silt, some gravel, loose, wet		Slight odor
13	50	SB-VOC-16 (13-15')	12 - 13	Reddish brown, silty sand	0.0	
14						
15			13 - 15	Dark gray, silt with sand, organic material including shells/leaves/roots, loose, wet	0.6	
16			15 - 16	Brown, medum to coarse sand with shells, trace pebbles, loose, wet	0.1	
17						
18	48	SB-VOC-16 (18-20')	16 - 18	Brown to black, sand with silt, shells/plant material, loose, wet	0.2	
19			18 - 19	Brown to black, silty clay, trace sand and shells, loose, wet		
20			19 - 20	Dark gray, medium sand, trace pebbles, loose, wet, coal tar present	3.4	Odor and sheen
21			20 - 20.5	Fine sand, loose, wet, coal tar present	241.8	Odor and sheen
22			20.5 - 21.5	Medium sand, loose, wet, coal tar present		
23	50	SB–VOC-16 (22-24')	21.5 - 22	Coarse sand and gravel, loose, wet, coal tar present	638.9	Odor
24			22 - 23	Fine to coarse sand, some gravel, coal tar present	250.1	Odor
25			23 - 25	Reddish brown, silty clay, trace [gravel]/pebbles, stiff (cohesive)		
26			25 - 26.5	Sand with trace silt and [gravel]/pebbles, moist, coal tar present	235.1	Odor
27						
28	Not Recorded	SB-VOC-16 (25-27')			23.5	
29						
30			26.5 - 30	Reddish brown with mottling, silty clay, trace [gravel]/pebbles, moist	22.1	

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
				30 ft.	5.5 ft.

NOTES: Boring terminated at 30 ft. bgs; MW-9D subsequently installed at this location
Soil descriptions have been modified from their original field copies for consistency and clarity. Original wording that has been replaced appears after the replacement in parenthesis (), and additions/alterations made during the review appear in brackets [].

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular