

Site Monitoring Report (September 2024 Event) Active Industrial Uniform (152125) Lindenhurst, New York

Prepared for

New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233



Prepared by

EA Engineering and Geology, P.C.
Washington Station
333 West Washington Street, Suite 300
Syracuse, New York 13202
315-431-4610

September 2025 Version: FINAL EA Project No. 16025-34-00-CP

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Donald Ca-

September 5, 2025

Donald Conan, PE, PG, Program Manager

Date

Date

Adam Etringer, Senior Project Manager

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LIST OF ACRONYMS AND ABBREVIATIONS

μg/L Microgram(s) per liter

AWQS Ambient Water Quality Standard

COC Contaminant of concern

DCE Dichloroethylene

EA Engineering and Geology, P.C.

No. Number

NYSDEC New York State Department of Environmental Conservation

PCE Tetrachloroethylene PE Professional Engineer PG Professional Geologist

TCE Trichloroethylene

VC Vinyl chloride

VOC Volatile organic compound

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1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology, P.C. (EA) to perform site monitoring activities at the Active Industrial Uniform Site (NYSDEC Site No. 152125), which includes long-term groundwater monitoring and maintenance of the groundwater monitoring well network. The site is located at 63 West Merrick Road (also known as West Montauk Highway, or State Route 27), in the town of Lindenhurst, Suffolk County, New York (**Figure 1**). The current remedial action activities are being conducted under the NYSDEC Division of Environmental Remediation Contract Work Assignment No. D009806-34.

This report provides a summary of the groundwater monitoring activities performed by EA in September 2024. Groundwater monitoring data prior to September 2024 were provided by the previous NYSDEC consultant, HRP Associates. The site groundwater monitoring activities were completed in accordance with the applicable guidelines and requirements of the NYSDEC. A draft report was submitted to NYSDEC in March 2025, with subsequent discussions to finalize the recommendations presented herein.

1.1 **OBJECTIVES**

The September 2024 groundwater monitoring event consisted of the following activities:

- Inspection of all groundwater monitoring wells.
- Document concentrations of volatile organic compounds (VOCs) in on-site and off-site groundwater. Groundwater samples were analyzed for VOC concentrations via U.S. Environmental Protection Agency Method SW-846 8260D. The laboratory analytical data report is available upon request.

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2. FIELD ACTIVITIES

2.1 GENERAL SITE CONDITION

Although a site inspection was not scheduled during field activities, a general look-over of the site was performed and the following general observations were noted on 16 September 2024:

- The site had a secure/locked gate.
- The building was secure.
- The remediation system was decommissioned and utilities disconnected.
- Site landscaping performed by others but appears well kept/mowed.

2.2 GROUNDWATER MONITORING

EA conducted groundwater sampling from 16 to 17 September 2024. A total of 13 monitoring wells and 2 recovery wells were purged and sampled using low-flow groundwater sampling methods with peristaltic pumps (**Figure 2**). The recovery wells are part of the former groundwater extraction and treatment system. Depth to water was measured at each well prior to sampling. Based on these measurements, groundwater is flowing to the east/southeast under an average hydraulic gradient of 0.002 feet per foot (**Figure 3**). Depth-to-water and groundwater elevations are provided in **Table 1**.

Water quality parameters were measured with a Horiba U-50 meter at 5-minute increments until stabilization of the following parameters was reached: pH, conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity. The measurement and stabilization of these parameters ensures that the water being pumped was representative of the aquifer. Monitoring well purge forms are presented in **Appendix A** and daily field reports are provided in **Appendix B**. Groundwater samples were shipped under standard chain of custody procedures to SGS North America in Dayton, New Jersey. Analytical laboratory reports are available upon request. Quality assurance/quality control samples consisted of two field duplicates, one field blank per day (two field blanks total), and one matrix spike/matrix spike duplicate.

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3. GROUNDWATER ANALYTICAL RESULTS

Laboratory analytical results for contaminants of concern (COCs) associated with the September 2024 groundwater monitoring event are summarized in **Tables 2 through 5** and on **Figure 4**. Monitoring wells MW-4D, MW-104, and MW-106, and recovery well RW-2, contained at least one VOC exceedance in comparison to the NYSDEC Class GA Ambient Water Quality Standard (AWQS) (NYSDEC 1998).

3.1 SITE CONTAMINANTS

Various site-specific COCs were detected in groundwater at the site. The following analyte concentrations exceeded the NYSDEC AWQS:

- Tetrachloroethylene (PCE) (AWQS is 5 micrograms per liter [μg/L])
 - MW-4D (22.7 μ g/L)
 - MW-104 (45.6 μ g/L)
 - MW-106 (7.2 μ g/L)
- Trichloroethylene (TCE) (AWQS is $5 \mu g/L$)
 - MW-4 (8.0 μ g/L)
 - MW-104 (5.1 μ g/L)
- *cis*-1,2-dichloroethethlyene (DCE) (AWQS is 5 μg/L)
 - MW-4D (6.3 μ g/L)
 - RW-2 (6.4 μ g/L)

3.2 HISTORICAL TRENDS

Monitoring wells where COC concentrations have exceeded NYSDEC AWQS for the September 2024 sampling are consistent with historical exceedances, except for *cis*-1,2-DCE in RW-2. Trend graphs for site COCs are provided in **Appendix C**. Concentrations of COCs remain elevated in MW-4D (on-site) and MW-104 (on-site). MW-106 (on-site) exhibits decreasing trends for TCE, *cis*-1,2-DEC, and vinyl chloride (VC), while exceedances of PCE remain slightly elevated above the limit. MW-4D and MW104 exhibit no trend in PCE, TCE, and *cis*-1,2-DCE. Analytical results from the September 2024 sampling event for VC show a decreasing trend with no monitoring wells exceeding the limit of detection.

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4. CONCLUSION AND RECOMMENDATIONS

Analytical results from the September 2024 groundwater sampling event indicate that PCE, TCE, and *cis*-1,2-DCE concentrations remain elevated above NYSDEC AWQS. Overall, the total number of monitoring wells with exceedances have decreased from about one-third to one-fifth since the April 2023 sampling event. The well monitoring network that has remained elevated has decreased in concentration in comparison to the historical 2021, 2022, and 2023 sampling events, apart from MW-4D and MW-104. MW-4D indicates no real trend for PCE, TCE, and *cis*-1,2-DCE exceedances, but has a decreased concentration of VC. MW-104 results remain consistent in comparison to historical values.

It is recommended that groundwater sampling be reduced to the following wells: MW-2S, MW-4D, MW-104, MW-106, and RW-2. Upon approval from NYSDEC, the Site Management Plan (NYSDEC 2012) should be updated to reflect this change. Groundwater samples should be analyzed for VOCs (including site COCs PCE, TCE, *cis*-1,2-DCE, and VC) with recommended evaluation of per- and polyfluoroalkyl substances and 1,4-dioxane.

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5. REFERENCES

New York State Department of Environmental Conservation (NYSDEC). 2012. NYSDEC Division of Environmental Remediation Active Industrial Uniform, Site Number 152125, Site Management Plan. September.

——.1998. Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. October (revised).

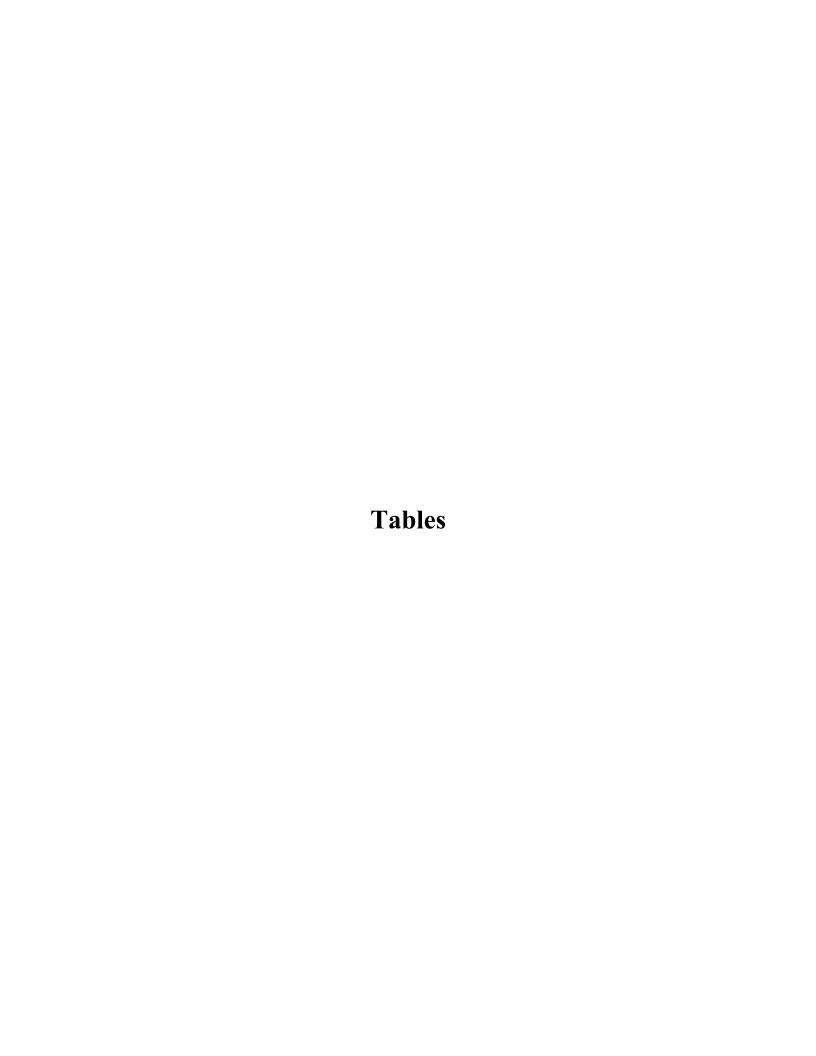


Table 1. Groundwater Elevations, September 2024

Monitoring Well	PVC Elevation (ft-NAVD88)	Depth to Water (feet bgs)	Groundwater Elevation (feet-NAVD88)
MW-2S	NA	5.42	NA
MW-4D	8.26	6.38	1.88
MW-5S	8.33	6.21	2.12
MW-101	8.83	6.84	1.99
MW-102	8.66	6.66	2.00
MW-103	8.57	6.60	1.97
MW-104	869	6.55	2.14
MW-105	8.58	6.63	1.95
MW-106	8.50	6.60	1.90
MW-107	8.44	6.55	1.89
MW-108	8.82	6.85	1.97
MW-109	1.21	0.81	0.40
MW-111	NA	2.94	NA
RW-1	NA	9.55	NA

bgs = Below ground surface

NA = Non-applicable. No survey data for well exists.

NAVD 88 = Vertical datum

NM = Not measured

PVC = Polyvinyl chloride

Table 2. Historical Summary of PCE Concentrations

Monitoring Well ID			PC	E		
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	0.8	29	1.8	16	8.7	1.5
MW-4D (on-site)	37	54	95	31	5.2	22.7
MW- 5S (on-site)	0.57	0.41	0.34	1.6	0.48	< 0.56
MW-101 (on-site)	NS	0.85	NS	0.86	0.84	0.59
MW-102 (on-site)	NS	<1	NS	0.56	0.55	0.68
MW-103 (on-site)	2.7	3	5.3	3.8	3.5	2.5
MW-104 (on-site)	24	50	50	37	20	45.6
MW-105 (on-site)	5.3	1.3	0.5	5.5	4.8	1.5
MW-106 (on-site)	11	15	11	6.4	12	7.2
MW-107 (on-site)	2.8	1.3	1.2	3.1	1.6	0.88
MW-108 (on-site)	NS	3.4	NS	3.6	2.2	< 0.56
MW-109 (off-site)	NS	0.84	NS	< 0.2	ND	0.84
MW-111 (off-site)	NS	<1	NS	< 0.2	ND	< 0.56
RW-1 (on-site)	0.47	0.83	<1	< 0.2	ND	< 0.56
RW-2 (off-site)	<1	<1	<1	< 0.2	ND	< 0.56
Class GA Groundwater			5			

Concentrations are in microgram(s) per liter (µg/L)

ND = Not detected

NS = Not sampled

PCE = Tetrachloroethylene

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory

Table 3. Historical Summary of TCE Concentrations

Monitoring Well ID		Ĭ	T	CE		
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	<1	7.9	0.34	5.7	3.2	< 0.53
MW-4D (on-site)	8.7	7.8	13	31	92	8
MW- 5S (on-site)	< 0.18	<1	<1	31	ND	< 0.53
MW-101 (on-site)	NS	0.53	NS	0.28	0.3	< 0.53
MW-102 (on-site)	NS	<1	NS	< 0.18	ND	< 0.53
MW-103 (on-site)	0.66	0.64	0.65	0.89	0.58	0.69
MW-104 (on-site)	3.4	4.5	5.8	4.5	2.4	5.1
MW-105 (on-site)	0.37	<1	0.43	0.39	0.64	< 0.53
MW-106 (on-site)	5.3	3.2	2.8	2.6	2.5	< 0.53
MW-107 (on-site)	0.42	0.61	0.53	0.26	ND	1.2
MW-108 (on-site)	NS	3.2	NS	0.31	ND	< 0.53
MW-109 (off-site)	NS	1.6	NS	0.43	0.42	1.3
MW-111 (off-site)	NS	<1	NS	< 0.18	ND	< 0.53
RW-1 (on-site)	NS	<1	<1	< 0.18	ND	< 0.53
RW-2 (off-site)	<1	<1	<1	< 0.9	ND	< 0.53
Class GA Groundwater		-		5	-	

Concentrations are in microgram(s) per liter (µg/L)

ND = Not detected

NS = Not sampled

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory

Table 4. Historical Summary of cis-1,2-DCE Concentrations

Monitoring Well ID			<i>cis</i> -1	,2-DCE		
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	1.2	100	3.2	44	34	3.7
MW-4D (on-site)	280	2.4	2	22	210	6.3
MW- 5S (on-site)	<1	<1	<1	< 0.15	ND	< 0.51
MW-101 (on-site)	NS	<1	NS	< 0.15	ND	< 0.51
MW-102 (on-site)	NS	<1	NS	< 0.15	ND	< 0.51
MW-103 (on-site)	0.57	<1	<1	< 0.15	ND	< 0.51
MW-104 (on-site)	0.79	8.1	1.6	0.67	0.39	3.8
MW-105 (on-site)	150	16	0.25	0.82	11	< 0.51
MW-106 (on-site)	9.8	13	13	10	3	4.1
MW-107 (on-site)	<1	<1	<1	< 0.15	ND	< 0.51
MW-108 (on-site)	NS	<1	NS	0.4	ND	< 0.51
MW-109 (off-site)	NS	1.9	NS	0.66	0.49	1.3
MW-111 (off-site)	NS	<1	NS	< 0.15	ND	< 0.51
RW-1 (on-site)	<1	0.52	<1	< 0.15	ND	< 0.51
RW-2 (off-site)	1.6	0.5	<1	< 0.75	ND	6.4
Class GA Groundwater		•		5		·

Concentrations are in microgram(s) per liter ($\mu g/L$)

DCE = Dichloroethylene

ND = Not detected

NS = Not sampled

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory

Table 5. Historical Summary of VC Concentrations

Monitoring Well ID			VC			
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	<1	11	<1	2.3	2.2	< 0.52
MW-4D (on-site)	0.96	<1	<1	19	120	< 0.52
MW- 5S (on-site)	<1	<1	<1	< 0.2	ND	< 0.52
MW-101 (on-site)	NS	<1	NS	< 0.2	ND	< 0.52
MW-102 (on-site)	NS	<1	NS	< 0.2	ND	< 0.52
MW-103 (on-site)	<1	<1	<1	< 0.2	ND	< 0.52
MW-104 (on-site)	<1	<1	<1	< 0.2	ND	< 0.52
MW-105 (on-site)	12	1	<1	< 0.2	2.1	< 0.52
MW-106 (on-site)	0.67	1.6	2.4	< 0.26	ND	< 0.52
MW-107 (on-site)	<1	<1	<1	< 0.2	ND	< 0.52
MW-108 (on-site)	NS	<1	NS	< 0.2	ND	< 0.52
MW-109 (off-site)	NS	<1	NS	< 0.2	ND	< 0.52
MW-111 (off-site)	NS	<1	NS	< 0.2	ND	< 0.52
RW-1 (on-site)	<1	<1	<1	< 0.2	ND	< 0.52
RW-2 (off-site)	<1	<1	<1	<1	ND	< 0.52
Class GA Groundwater			2			

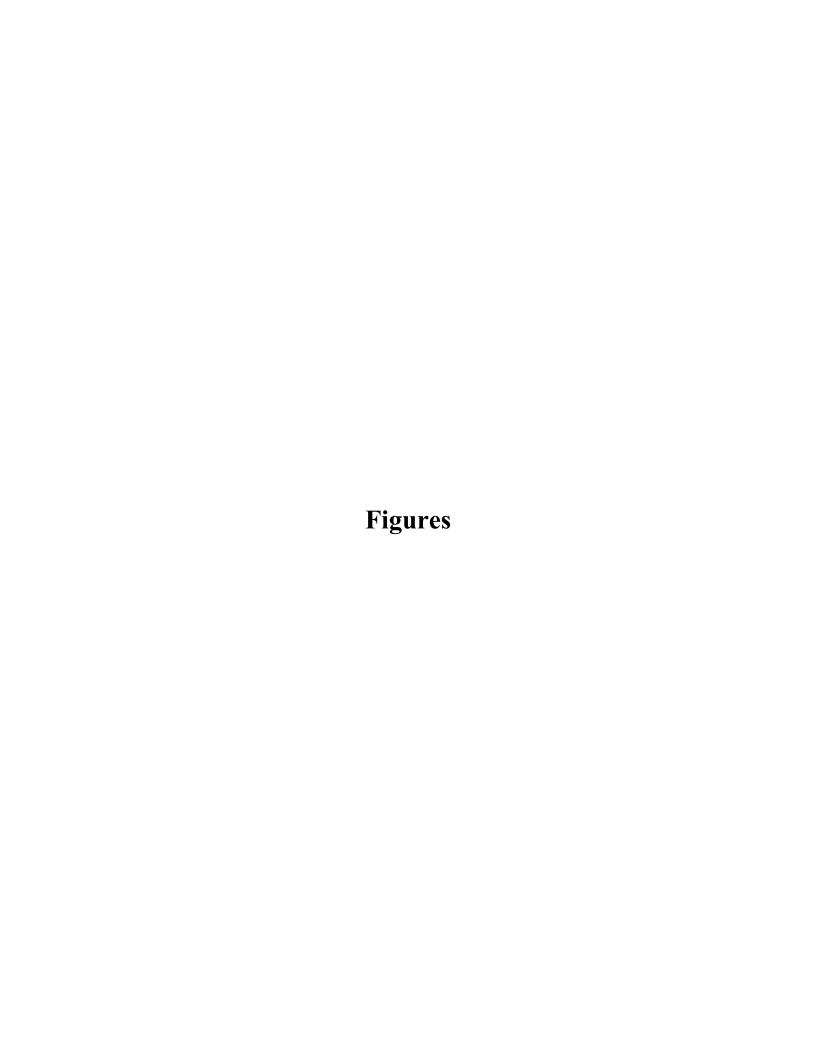
Concentrations are in microgram(s) per liter (µg/L)

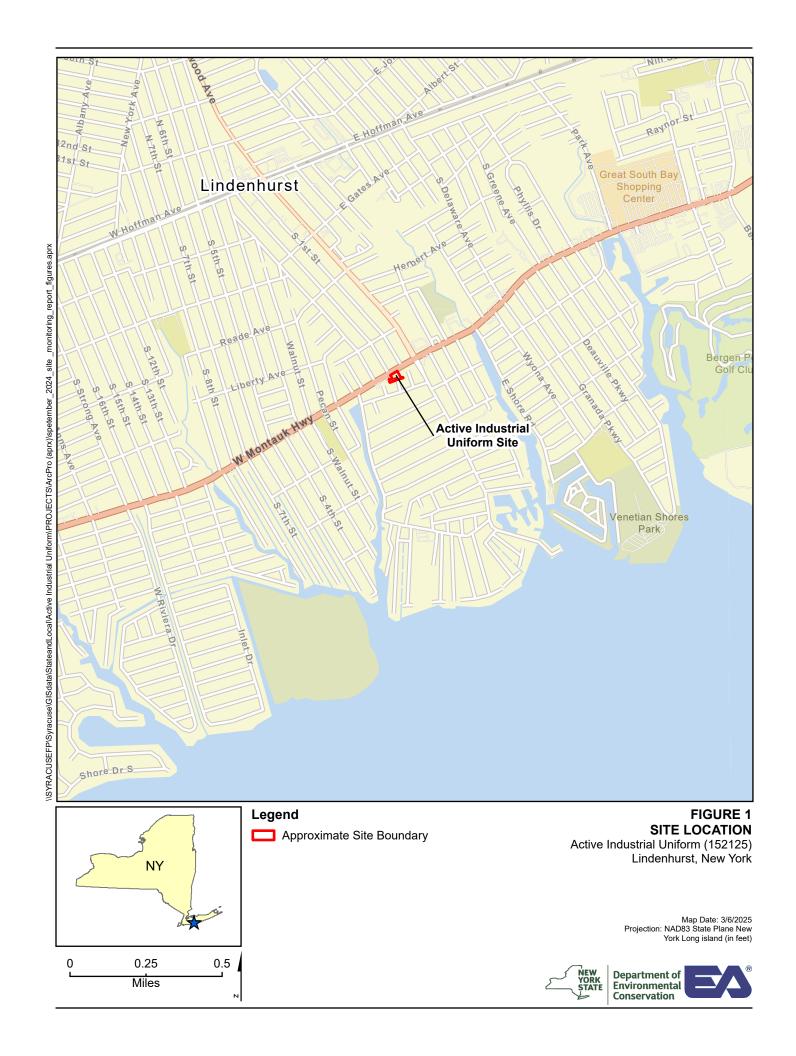
ND = Not detected

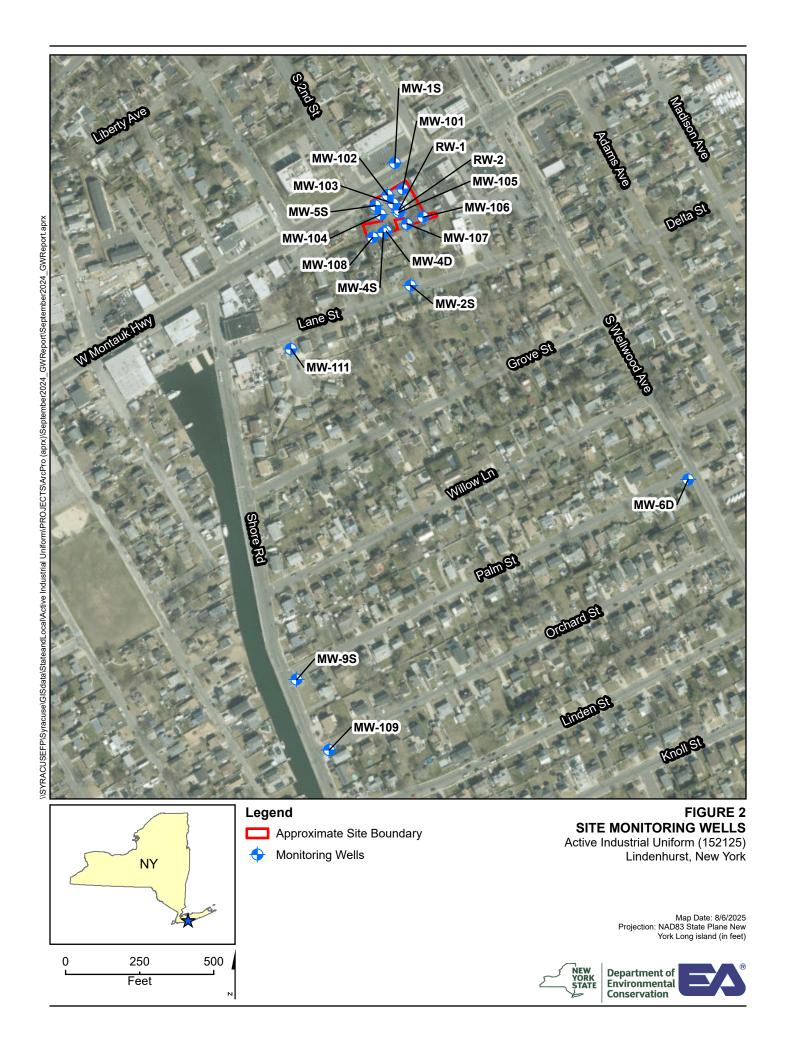
NS = Not sampled

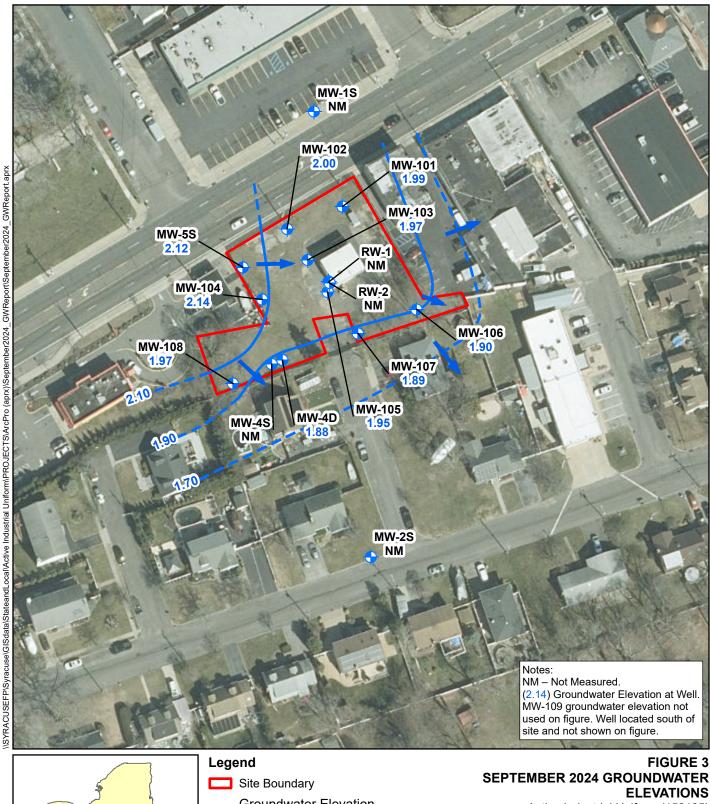
VC = Vinyl chloride

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory









0 60 120 Feet

Groundwater Elevation
Contour (.2 foot interval)

- (Dashed where Inferred)

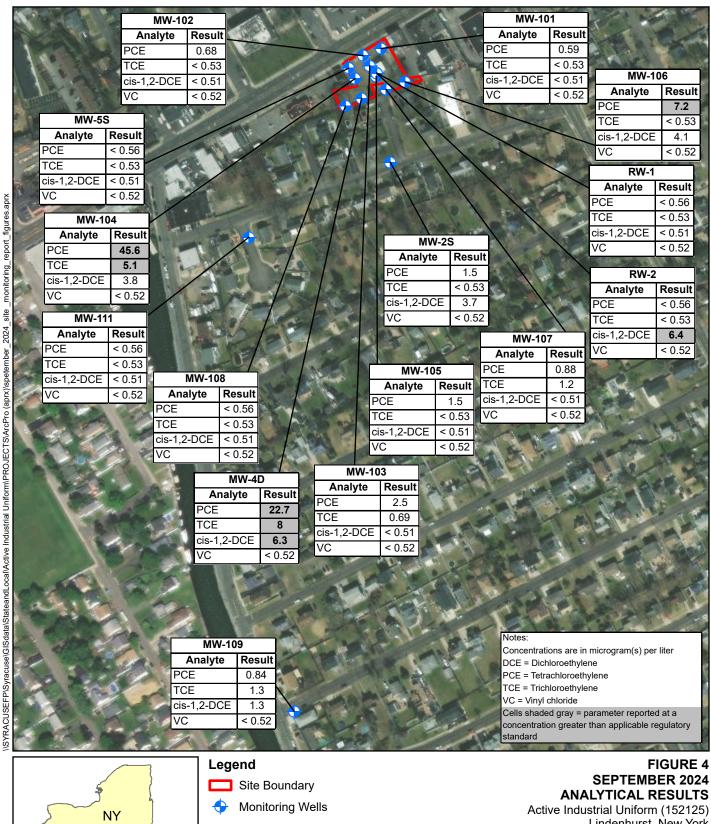
Groundwater Flow Direction

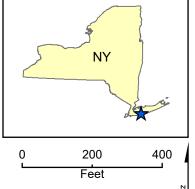
Monitoring Wells

Active Industrial Uniform (152125) Lindenhurst, New York

> Map Date: 8/6/2025 Projection: NAD83 State Plane New York Long island (in feet)







Lindenhurst, New York

Map Date: 3/6/2025 Projection: NAD83 State Plane New York Long island (in feet)



Appendix A

Monitoring Well Purge Logs



Site Man	ne/Locati	on Not w	we th	(\	\	· · · · · · · · · · · · · · · · · · ·	Project No	•	Page	of [
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urge E	nd Time						Appearance/Odor (End)					
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	•	moved (L)				Total l	Pump Time					
_		Purge Rate	Volume Removed	рН	Cond. (µS/cm)	Temp,	ORP (mV)	Turbidity (NTU) +/-10% or	DO (mg/L) +/-10% or	Depth to Water		
Date	Time BB	(mL/min) こらo	(LPM)	(+/-0.1)	(+- 3%)	(+-3%) 24,34	(+/- 10) 7-9	<5 NTU	<0.5 mg/L	(ft below TOC)		
11 7	1323	1	1.25	5.85	0.315	22,45		0.0	0.94	5.4Z		
-			2.5	5.75	0.325		103	0.0				
_	1328				0.326	21.73	115	0.0	068	5,42		
	1333	 	3.75	5.74	0.327	27.72	121		0.66	5,42		
	1338		5	5.71	0.329	U.59	157	0.0	0.55	SYZ		
	1343		6.25	5.66	0.328			0.0	0.48	5.42		
1	1348		7.5	566	0.378	21.31	136	0.0	0.47	ક.५૨		
V	1353		8.75	5.66	0,329	21.30	137	0.0	2.47	5,4>		
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Γotal Vo	olume Re	moved (L)				Total I	Pump Time	` '			
Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+-3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)	
	1038	260	0	6.37	0.287	19.92	65	0.0	1.01	6.38	
(1(4	11050	-415-44-6		<u> </u>				1	 	6.38	
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417	1043 1048		2.5	6.29	0.294	19.11	32	0.0	0.58	6.38	
4(7	6043 1048 1053		3.5	6.29	0.294 0.296	19.11 18.76	· · · · · · · · · · · · · · · · · · ·	0.0	0.58 0.52	6.38	
4(7	6043 1048 1058 1058		2.5 375 5	6.29 6.32 6.33	0.294 0.296 0.296	19.11 18.76 18.59	32 16	0.0	0.58 0.52 0.49	6.38 6.33 6.33	
4(17	6043 1048 1053 1058 1103		3.5	6.29 6.32 6.33 6.28	0.299 0.296 0.296 0.296	19.11 18.76 18.89 18.81	32 16 7 -5	0.0 0.0 0.0 0.0	0.58 0.52 0.49 047	6.38 6.33 6.38 6.38	
4117	1043 1048 1058 1058 1103 1108		2.5 375 5 1.5	6.29 6.32 6.33 6.28 6.32	0.294 0.296 0.296 0.296 0.296	19.11 18.76 18.59 18.56 18.58	32 16 7 -5	0.0 0.0 0.0 0.0	0.58 0.52 0.49 0.47 0.46	6.38 6.38 6.38 6.38	
117	1043 1048 1053 1068 1108 1113		7.5 5 64 7.5 7.5 8.76	6.29 6.32 6.33 6.28 6.32	0.294 0.296 0.296 0.296 0.296 0.296	19.11 13.76 18.59 18.56 18.58	32 16 7 -5 -10	0.0 0.0 0.0 0.0 0.0 0.0	0.58 0.52 0.49 0.47 0.46	6.38 6.38 6.38 6.38 6.38	
9/17	1043 1048 1058 1058 1103 1108 1113		2.5 375 5 1.6 7.6 8.76	6.29 6.32 6.33 6.28 6.38 6.34	0.294 0.296 0.296 0.296 0.296 0.296	19.11 18.76 18.59 18.56 18.53 18.53	3Z 16 7 -5 -10 -18	0.0 0.0 0.0 0.0 0.0 0.0	0.58 0.52 0.49 0.47 0.46 0.46	6.38 6.38 6.38 6.38 6.38 6.38	
1111	1043 1048 1053 1068 1108 1113		7.5 5 64 7.5 7.5 8.76	6.29 6.32 6.33 6.28 6.32	0.294 0.296 0.296 0.296 0.296 0.296	19.11 13.76 18.59 18.56 18.58	32 16 7 -5 -10	0.0 0.0 0.0 0.0 0.0 0.0	0.58 0.52 0.49 0.47 0.46	6.38 6.38 6.38 6.38 6.38	



	ne/Locati		Active	Ind	lust.		Project No	: /602534. c		of /			
Well ID		J- 53	<u> </u>				Date 9 [17/24	Time	930 am			
	e Descrip	tion											
Weather													
Field Te	chnician												
				WELL	CONSTR	RUCTIO	N DATA						
ΓΟC Ele	evation (f	t amsl)				Screen	ied Interva	l (ft bgs)	3(2)	- 23.5			
Well Dia	ameter (ir	1,)				Nomii	nal Boreho	le Diameter (in) 2:	nch			
				FIE	LD MEAS	SUREMI	ENTS			•			
Well De	pth (gaug	e after sam	pling) (ft)				s per foot	of depth	7	•			
	product		1 0, ()			Static water level (ft) 6, 21							
Product	column h	eight (ft)				Water column height (ft)							
	volume (,	.			Water volume (Gallons)							
				DIT	DOM IND	ODMA	TON:						
Pump Ty	me / ID	Pe		PU.	RGE INF			leter Type / ID	11 -1	00001			
	-			2 (C) k	<u>, c</u>			Volume (L)	MOTIO	L 32924			
Pump Intake Depth (ft) Purge Start Time							Appearance/Odor (Start)						
Purge Er						Appearance/Odor (End)							
		ate (mL/mi	n)				Drawdown						
	ent Dry (Y		···)	Stop Tin	ne.	1000	LIGHTOU WII	Volume rem	oved (L)				
Recover		1711)		-	y Rate (mI	/min)		Restart Purg					
		moved (L)		recouver	, reaco (IIII		Pump Time		C TIME				
1000. 10	THE TANK	lino voca (E)	1			10001	l ump i mis	Turbidity	DO	T			
		Purge	Volume		Cond.	Temp.	ORP	(NTU)	(mg/L)				
Date	Time	Rate (mL/min)	Removed (LPM)	pH (+/-0.1)	(μS/cm) (+- 3%)	(°C) (+-3%)	(mV) (+/- 10)	+/-10% or <5 NTU	+/-10% or <0.5 mg/L	Depth to Water (ft below TOC)			
		250	O	4.95		20.81	343	2.0	O	(It below TOC)			
	940	as c	1.25	5.74	.320	20,10	205	0	0				
	945		2.5	5.79		20.10	172	O					
	50		3.75	5.86		20.09	122	O	8				
	55		5			80.08		1					
				5.90	.305	 	1,	S	<u> </u>	 			
	1000	ļ	6.25	5694		20.68		U	0				
	05		7.5	5.95	.304	140.10	102	0	0				
	10		8.75			ļ							
									<u> </u>				
							•						
COMN	MENTS		·										
				8	SAMPLE	COLLE	CTION						
Sample	e Date		9/17/24				e Time	10 - 10					
Sample			5- MW-		917202	_		,,,,,,					
	C Collect	ed / ID	. ,	'' '	· · · · · · · · · · · · · · · · · · ·	Sampl	e Appeara	nce/Odor	None				
Analys								4	_ = • · = '				
Sample		·-··				Signat	ure // /	lun Care		· ·			
								VIAL					



Page of Time 0\70 eter (in.)					
eter (in.)					
eter (in.) 1 6.34					
eter (in.)					
eter (in.)					
eter (in.) 1 6.34					
6.84					
6.84					
6.84					
-					
pe/ID Horiba 21078					
Water Quality Meter Type / ID Horiba 2107 8 Flow-Thru Cell Volume (L)					
Appearance/Odor (Start)					
Appearance/Odor (End)					
me removed (L)					
rt Purge Time					
idity DO (TU) (mg/L) % or +/-10% or Depth to Water					
VTU <0.5 mg/L (ft below TOC) 2.3 2 6.84					
1.69 6.84					
7.13 6.84					
1,58 6,84					
0 1.30 6.84					
1.26 6.84					
1 h e e 1 / V2 / e					
1.25 6.84					
1.23 6.84					



	me/Locati	1130	ine B	dus tr	sal		Project No		Page	of	
Well II	, , ,	~[07.					Date 🐴 🛭	6/24	Time	1645	
Well Si	te Descrip	tion Goe	,d								
	r/Temp									7.7	
Field T	echnician	A. Fa	ル メ								
				WELL	CONSTR	UCTIO	N DATA				
TOC E	levation (f	t amsl)				Screen	ed Interval	(ft bgs)			
Well D	iameter (ir	ı.) Z:~~				Nomin	al Borehol	e Diameter (i	n.)	***************************************	
				FIE	LD MEAS	SUREMI	ENTS				
Well D	epth (gaug	e after sam	pling) (ft)	14.69		Gallon	s per foot o	of depth			
Depth t	o product	(ft)				Static	water level	(ft) 6.1			
Product	t column h	eight (ft)	********	•		Water column height (ft)					
Product	t volume (Gallons)				Water	volume (G	allons)	, ,,		
				PD	RGE INF	ORMAT	ION				
Pump T	ype / ID		Peri	- 10				eter Type / II	Horib	a 21078	
	ntake Dep	th (ft)	, 🐸 1	16'		Flow-Thru Cell Volume (L)					
	tart Time	1645	•		Appearance/Odor (Start)						
	Ind Time	1714			Appearance/Odor (End)						
		ate (mL/mi					Drawdown				
	ent Dry (Y		-	Stop Tin	ne	•		Volume re	moved (L)	y	
	ry Time				y Rate (mI	/min)		Restart Pur			
		moved (L)		,	`		Pump Time				
		_						Turbidity	DO		
Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0,1)	Cond. (μS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	(NTU) +/-10% or <5 NTU	(mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)	
વાહ	1645	250	0	6.37	0.474	22.53	7	11.3	1.42	6.66	
	1650	{	0.25	5.85	0.465	27.62	して	6.8	1.44	6.66	
	1655		0.5	6.21	0.467	22.48	15	3.5	1.26	6,66	
	1700		0.75	6.19	0,460	22,44	18	0.6	1.13	6.66	
	1705		1	6.18	0.458	27.40	کر	0.0	1,02	6.66	
	1710		1.25	617	0.456	22.37	73	0,0	0.99	6.66	
$\neg \forall \vdash$	1415		1,5	6.17	0.456	22,35	25	0.0	0.88	6.66	
	1.32		<u> </u>	- ' '			-				
· · · · · · · · · · · · · · · · · · ·											
		<u> </u>	<u></u>	<u>I</u>	<u> </u>	<u> </u>			<u> </u>	<u> </u>	
COM	MENTS										
										····	
				,	SAMPLE	COLLE	CTION				
Samo	le Date	ماداء		, , , ,	PERLETE LAND		e Time	1715			
	le ID	9/16/24	1			Sample	e imie	1417			
	C Collect	ed / ID				Qumu1	e Appearar	valOdor			
Analy	_	cu / ID		·	···	Loampi	- Appearar	ioo/Odor			
United.		_				Signat	- ka	Try			
Samp	dan IVV	-cux									



	me/Locati		Act	ive fr	dustri		Project No		Page	of
Well ID	<u> </u>	MW-10	<u>ን</u>			-	Date 7	16/24	Time `	1605
	te Descrip	tion								
Weathe				···						···
Field Te	echnician									
				YE/FIT Y	CONCE		T 30 1 00 4			
D C D				WELL	CONSTI			(0.1		
	evation (f						ed Interval			
Well Di	iameter (ir	1.)				Nomin	al Borehol	e Diameter (i	n.)	~~
				מר דימו	T TN NATE A	CITTO TO BANK	NATION C			
117.11 D			-1:> (A)		LD MEA			. e. 1 41.		
		e after sam	piing) (it)	12,74			s per foot o			
	o product column h	``					water level column he		-60	70.
	volume (volume (G	· · · · · · · · · · · · · · · · · · ·	7.4	
rroduct	votume (رهااناناه)				water	voruine (G	anons)		-tous_
				PII	RGE INF	ORMAT	ION			
Pumn T	ype / ID		Peri					eter Type / ID) L1= *	be 329a
	ntake Dep			00	7111			olume (L)	17051	DE 2010
	tart Time	\- - '/	-[•(<u>~~</u>			rance/Odoi	. ,		
	and Time						rance/Odoi	<u> </u>		
		ate (mL/mi	n)				Drawdown			
	ent Dry (Y			Stop Tin	ne			Volume rei	moved (L)	
Recover	- ,				y Rate (ml	/min)		Restart Pur		
		noved (L)			· · ·		ump Time			
··								Turbidity	DO	
		Purge Rate	Volume Removed	pН	Cond. (µS/cm)	Temp.	ORP (mV)	(NTU) +/-10% or	(mg/L) +/-10% or	Depth to Water
Date	Time	(mL/min)	(LPM)	(+/-0.1)	(+- 3%)	(+- 3%)	(+/- 10)	<5 NTU	<0.5 mg/L	(ft below TOC)
	1610	250	1.25	6.00	.318	25.46		19.3	0.70	
	1615		2.5	6.12	.318	25.33	210	11.4	0.00	
	1620		3.75	6,27		24.52	221	0	0.00	
• • • • • • • • • • • • • • • • • • • •	25		5	6.31	.421	24.33	222	0	O	
	30		6.25	6.34		23.97	207	0	0	
	35		7.5	6.57	467	23.93	199		0	
	40		8.75	6.54	.458	23 50	189	0	0	
	45		10	6.63		22 77	179	1	· · · · · · · · · · · · · · · · · · ·	
	1650		10				_	0	0	
	1620			6.67	.460	d /1 { 7	118~	0	<u> </u>	
			ļ						-	
	<u> </u>				<u> </u>	<u>L</u>		<u> </u>	<u> </u>	<u> </u>
ር/ጋኒብ	MENTS									•
COM	MICIAID.									
								· · · · · · · · · · · · · · · · · · ·		
					SAMPLE	COLLE	CTION			
Samp	le Date	711	4619		76****	Sample	e Time	650		
Samp	le ID /5	2125-	MW-10	3-0910	02024	1		-		
QA/Q	C Collect	ed / ID	M5/1	ns D		Sample	e Appearar	ce/Odor	None	
				· · · · · · · · · · · · · · · · · · ·						
Analy	/ses									



Site Nar	ne/Locati	on		Activ	e tro	lu H,	Project No	:	Page	of 1
Well ID		MW	-164				Date 9	6/24	Time	1715
Well Sit	e Descrip	tion				•				
Weather	/Temp		•							
Field Te	chnician									•
		· · · · · · · · · · · · · · · · · · ·		WELL	CONSTI	RUCTIO	N DATA			
TOC Ele	evation (f	t amsl)				Screen	ed Interval	(ft bgs)	· · · · · · · · · · · · · · · ·	
	ameter (ir							e Diameter (in	1,)	
	•	•		FIE	LD MEA	SUREMI	ENTS		<u> </u>	
Well De	oth (gaug	e after sam	oling) (ft)	14.5			is per foot	of depth		
	product		T	1100			water level	 	.55	
	column h		······································		····		column he		<u> </u>	
	volume (volume (G	_ , ,		•

			9	PU.	RGE INF					
Pump T			eri	Ο.	****			eter Type / ID	Hori	ba 32924
	take Dep	th (ft)	10	4.4			Thru Cell V			
	art Time						rance/Odo			
Purge E							rance/Odo			
		te (mL/mi	n)	er m.		Total	Drawdown	``	1 (r.)	
	ent Dry (Y	(/N)		Stop Tin				Volume ren		
Recover	-	1 (T.)		Recovery	Rate (m)			Restart Purg	ge Time	
Total Vo	olume Kei	moved (L)	<u> </u>	·	· · · · · · · · · · · · · · · · · · ·	Total	Pump Time			
Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
Date	1715	250	0	6.00		25.46		51110	, v.o mg	(R BEIOW 100)
4715		250	1.25		, , ,	1				
(, , , ,	1715	250		6.93	403	22.46	રશ	116	٥	
	1720		1.95	7.01	.413	28.09	214	68.8		
	1725		2,5	7.06		21.51		46.9	<u>O</u>	
	30		3.77	7.08			209		0	
	35							41.6		
	40		5	7.07	,449	21.57	201	38.1		
			6.25					36.6	0	
	45		7.5	7.11	• 455	×1.55	206	35.8	೦_	
 	50									
COMP	MENTS .									
						-				
				S	SAMPLE	COLLE	CTION			
Samnl	e Date	9116	24		-	_	e Time			· · · · · · · · · · · · · · · · · · ·
Sampl			Mm-1	(34 - C)	311.206	_				
	C Collect			<u> </u>	110000		e Appearar	ice/Odor 1	Jone	
Analy						~p1	P Doceston		<u> </u>	
Sampl		Cerre	y			Signat	ure	Milder	Curr.	/
	#7		1			1 -0		Monda.	X	• • • • • • • • • • • • • • • • • • • •
			•						ν	



Site Na	me/Locati	on N.S.	She TP	rgo.s.k.	loc		Project No		Page	of
Well ID		705	:	,	****			(۵ ک لر	Time	
Well Si	te Descrip		· &			1			, ,	
Weathe	r/Temp								2000	
Field To	echnician	A Fa	ΝX					·_ ··· •		
		_		WELL	CONSTI	RUCTIO	N DATA			
TOC E	levation (f					Screen	ned Interval	(ft bgs)		· · · · · · · · · · · · · · · · · · ·
Well Di	iameter (ir	1.) Z.	,	****	***	Nomii	nal Borehol	e Diameter (i	n.)	
				FIE	LD MEA	SUREM	ENTS			"
			pling) (ft)	i4.26		_	s per foot o			
	o product						water level		3	
	t column h						column hei			
Product	t volume (Gallons)				Water	volume (G	allons)		
		<u> </u>		PU	RGE INF	ORMAT	ION			
	ype / ID	Peri						ter Type / II) Hori	ba 2107
	ntake Dep	, ,		0			Γhru Cell V			
	tart Time						rance/Odor			
	nd Time	1625					rance/Odor			
		ate (mL/mi	n)	a m		Total 1	Drawdown	()	1 /= 3	
	ent Dry (Y/N)		Stop Tin		71- \		Volume res		
	ry Time	moved (L)		Recover	y Rate (mI		Pump Time	Restart Pur	ge 11me	
TOTAL V	June Re	moven (D)	<u> </u>		1	Total	i ump rime	(min) Turbidity	DO	· ···
,Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	(NTU) +/-10% or <5 NTU	(mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
116	1555	250	0	6.55	0.574	21.12	25	21.3	3,14	6,63
Ī	1600	1	1,25	6.19	0.564	21.31	23	5.6	0.98	6.63
	1605		2,5	41.3	0.584	21.69	19	3.3	0.77	6.63
	1610		3.75	6.18	0.602	21.94	17	1.6	070	6.63
	1615		5	6.18	0.603	22.10	18	1. 2	0.67	6.63
$\overline{}$	1620		6.25	6,19	0,604	22,20	17	0.6	0.67	6.63
7	1625		77.5	6.20	0.607		18	0.0	0.64	6.63
		'''			† '					, , ,
							-			
		<u> </u>	.l		1	1	l ,	<u> </u>	<u> </u>	<u> </u>
COM	MENTS .						****			
										
				ç	SAMPLE	COLLE	CTION			,
Samn	le Date	9/16/24	۸	k.	MANUAL LAD			25		
	le ID	ywi c				Bampi	CIME (, -		
	C Collect	ed / ID				Sampl	e Appearan	ce/Odor		
Analy						Jampi	1.			· •••
Samp		San				Signat	ure M.	Vie.		
						-0-1	y JU/	<u> </u>		



Well ID	N	W-10	ive I	•				1602574	Time	1310
Well Sit	e Descrip		<u> </u>					,		10.00
Weather					A-114.				4.41,49444	
	chnician	ZI.C	asec,							
			7							
		-		WELL	CONSTR	RUCTIO	N DATA			
TOC Ele	evation (fi	amsl)				Screen	ned Interval	(ft bgs)	5-15	
	ameter (in	•	X	·				le Diameter (i		1000
			///						<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
				FIE	LD MEAS	SUREMI	ENTS			
Well De	pth (gaug	e after sam	pling) (ft)	13.5	(Gallon	s per foot	of depth	,. «1	
Depth to	product	(ft)				Static	water level	(ft) (6.60	r'e
Product	column h	eight (ft)				Water	column he	ight (ft)		
Product	volume (Gallons)				Water	volume (G	allons)		
										•••
		·		PU	RGE INF					
Pump T			eri					eter Type / II	Horib	a 3296
	take Dept	th (ft)	101	bys				Volume (L)		+
	art Time			J			rance/Odo			
Purge E					******		rance/Odo			
-		ite (mL/mi	n)			Total I	Drawdown	<u>``</u>		
	ent Dry (Y	//N)		Stop Tin				Volume re	• • •	
Recover		1 (T)		Recover	y Rate (mI		- best	Restart Pur	ge Time	
Total Vo	olume Rei	noved (L)		·		Total I	Pump Time			,
		Purge	Volume		Cond.	Temp.	ORP	Turbidity (NTU)	DO (mg/L)	
		Rate	Removed	pН	(µS/cm)	(°C)	(mV)	+/-10% or	+/-10% or	Depth to Wate
Date 1340	Time	(mL/min)	(LPM)	(+/-0.1) 6.07	(+- 3%) 208	19.04	(+/- 10) ~ 96	<5 NTU	<0.5 mg/L	(ft below TOO
1215		000	251		+	+	, ·	9.0	-	6.60
ナライツ	1315		2.57						1.01	6.60
1720	1320		52	6.19	0.192			17.0	0.81	6.60
	1325		7.5	6.20	0.189	(8.46	-15	2.0	0.71	6.60
	(\$30		10 6	6.20	0.189	18.43	-92	2.9	0.64	6.60
	1335		12.5 L		0.195	18.41	74	0.0	0.56	6.60
	१५५०		ISOL	6.22	0.195	18.39	-17	0.0	0.55	6.60
						T				
	·	· · · · · · ·		•		<u></u>				
COM	MENTS _									
										
				4	CARADT IN	COLLE	CTTON			
	- D :	• : .			SAMPLE					
	e Date					Sampl	e Time			
Sampl						T ~ .				
	A A 11 ·									
QA/Q	C Collect	ed / ID				Sampl	e Appearai	nce/Odor		
		ed / ID			<u> </u>	Sampl	e Appeara	nce/Odor		



Descript Temp hnician	ion Goo		ndist			Project No		Page	of
Temp hnician	ion (600	}				Date 9	16 24	Time	1350
hnician		b							

	A. Fau	κ							
	•		WELL	CONSTR	UCTIO	N DATA			
ation (ft	amsl)	·			Screen	ed Interva	l (ft bgs)	5-15	
neter (in.) Zm				Nomir	ial Boreho	le Diameter (in.)	
			FIE	LD MEAS	SUREMI	ENTS			
th (gauge	after sam	pling) (ft)	14,50	,	Gallor	s per foot			
product (:	ft)							6.55	
							ight (ft)		
olume (C	allons)				Water	volume (C	allons)		
			PU	RGE INF	ORMAT	TION			
e/ID	Dor	. }	· · · · · · · · · · · · · · · · · · ·		Water	Quality M	eter Type / II) Hack	e 21676
			b45					1 / 30 / 144	
rt Time	1360		- J		_1				
l Time		····							
	te (mL/mir	1)			Total	Drawdown	(ft)	. 140	
t Dry (Y	/N)		Stop Tin	ne	·····		Volume re	moved (L)	
Time	**		Recover	y Rate (mI	/min)		Restart Pu	rge Time	
ume Ren	noved (L)				Total 1	Pump Time	e (min)	•	
	_				_		Turbidity	DO	
	Purge Rate	l	pH					(mg/L) +/-10% or	Depth to Water
Time	(mL/min)	(LPM)	(+/-0.1)	(+- 3%)	(+-3%)	(+/- 10)	<5 NTU	<0.5 mg/L	(ft below TOC)
350	250	0	6.39	0.339	20.05	-75		0.73	6.55
355		1.25	6,42	0.331	19.87	-85	430	0.76	6.55
		7.5	6.38	0.336		-54		0.72	6.55
									6.55
			+.			<u> </u>			6.55
	1	176						0 /u	6.55
							100		6.65
							(U, 4		6.55
475 430						<u> </u>	17. 5		
T 44 (2)	٠, ١	10	6.38	0.354		- log	12.7	0.73	6.55
435	W	11.25	6.36	0.354	: 7. A.L	- 1D7			
	roduct (clumn he blume (Column he blume	roduct (ft) llumn height (ft) llumn (Gallons) e / ID	roduct (ft) lumn height (ft) lumn (Gallons) e / ID	Purge Rate (mL/min) (mL/m	h (gauge after sampling) (ft) roduct (ft) lumn height (ft) lumn (Gallons) PURGE INF te / ID	(gauge after sampling) (ft) 14,50 Gallon roduct (ft) Static	Static water leve	Gallons per foot of depth Froduct (ft) Static water level (ft) Water column height (ft) Water volume (Gallons) Water volume (Gallons) Water volume (Gallons) Water Quality Meter Type / II Appearance/Odor (Start) Appearance/Odor (Start) Appearance/Odor (End) Time Yolume re Total Drawdown (ft) Total Drawdown (ft) Dry (Y/N) Stop Time Volume re Recovery Rate (mL/min) Restart Pu Total Pump Time (min) Purge Rate Rate Rate Rate (mL/min) (LPM) (+/-0.1) (+-3%) (+-3%) (+/-10) (*NTU) (*NTU) (*S/Cm) (*C) (mV) (*/-10%) (*S/Cm) (*C) (mV) (*/-10%) (*S/Cm) (*C) (*S/Cm) (*S/Cm) (*C) (*S/Cm) (*C) (*S/Cm) (Gauge after sampling (ft) 14,50 Gallons per foot of depth



Cu. N.	/T		Λ . \.		· · · · ·			D 1 . M			0
Site Nar	ne/Locati	on VW	14 CAN	ue Indi	3545.41			Project No		Page	of
Well ID	e Descrip							Date 4/1	6124	Time \	505
		uon	6000	Y						<u> </u>	**
Weather	chnician	٨.			•		· · · · · · · · · · · · · · · · · · ·		- n.	**	
Tiold IC	Cilitotati	η.	1-ac	7							
mo a m				·· ··· · · · · · · · · · · · · · · · ·	WELL	CONSTI					
	evation (f						_	ned Interval			
Well Di	ameter (in	1.)	てん				Nomi	nal Borehol	e Diameter (i	n.)	
						LD MEA					
			er sam	pling) (ft)	14.33	7		ns per foot o		•••	
	product							water level			
	column h		` '					column he			
Product	volume (Gallo	ns)				Water	volume (G	allons)		
					PU	RGE INF	ORMAT	TION			
Pump T	ype / ID	P	ىت:				Water	Quality Mo	eter Type / II	Horiba	n 21078
	ıtake Depi			10			Flow-	Thru Cell V	olume (L)		
	tart Time		05					ırance/Odoi			
Purge E			o 35					trance/Odoi			
	Purge Ra	•	nL/mii	n)			Total	Drawdown	(ft)		
	ent Dry (Y	//N)		, , ,	Stop Tin				Volume rei	<u>`</u>	
Recover					Recover	y Rate (ml			Restart Pur	ge Time	
Total Vo	olume Rei	nove	d (L)	·		,	Total	Pump Time	<u> </u>		
Date	Time	R	irge late /min)	Volume Removed (LPM)	pH (+/-0,1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
116	150%		つづ	0	6.91	0.432	/s + n /	-54	552	1.52	6.85
<u> </u>	140	1		1.25	6.14	0.460	18.59	-4	14.1	0.79	6.85
\neg	1515	\dashv		25	6,02	0.482	18-32	27	6.3	0.66	6.85
1	1520	_		3.75	5.98	0,421	18.U	35	2,8	0.60	6.85
_	1525	\dashv		5		0.490	18.02	32	2.1	0.56	6.85
	1520	-		675	534	0.493	18,05	33		0.55	6.85
$\frac{1}{\sqrt{1}}$	1535		7	3/	5,93	0.495	18.06	1	1.6	0.54	6.85
V	レノラフ	\	<u>v</u>	<u>ر به</u>	7, (7	0. (1)	10.00	2, 2,	(· (U. 7 -(~ <u>^</u> <u> </u>
			·····		-		1				-
	-			-				 	<u>. </u>		
						 	<u> </u>	-			
	<u></u>				1	<u> </u>		<u> </u>			
COM	MENTS _			···							
										* ·	
					§	SAMPLE	COLLE	CTION			
Sampl	e Date	116	121				Sampl	le Time \	435		·· , · · · :
Sampl	e ID	1	• •	<u> </u>							·
	C Collect	ed / I	D				Sampl	e Appearar	ce/Odor		
Analy				· ·		·					
Sampl	er A.	<u> </u>	V.				Signat	ure 📉	waren		
		-							· / /		



Site Nar	ne/Locati	on	Ac	tive A	rdustr	al	Project No	,	Page	of
Well ID		MW-1	H 100	1		_	Date 9/1	7 24	Time	1430
Well Sit	e Descrip	tion						•		
Weather					·					
Field Te	chnician		csey				, , , , , , , , , , , , , , , , , , , ,			
		·	(WELL	CONSTR	UCTIO	N DATA			
TOC Ele	evation (f	t amsl)				Screen	ned Interval	(ft bgs)	25-35	
Well Di	ameter (ir	n.)						Diameter (in	1.) 2	
				FIE	LD MEAS	SUREM	ENTS			-
Well De	pth (gaug	e after sam	pling) (ft)	34.40			ns per foot o	of depth		
	product		1 0/ (/	<u> </u>			water level		>. 81	
	column h	· ·			7.771.		column hei	ght (ft)		
	volume (_ , ,					volume (Ga			
, , , , , , , , , , , , , , , , , , , ,		,		DY1	DOE INE			,		44
Daniel C	- / ID			PU.	RGE INF		-	4 . MD		<u> </u>
Pump T		H (B)	sì	C t				eter Type / ID	3212	4
	take Deptart Time	in (II)	30.	++			Thru Cell V			
							rance/Odor			
Purge E		to (mT lunia					rance/Odor			
	ent Dry (Y	ite (mL/mii	1)	Stop Tim		Total	Drawdown	`	1 (T)	
Recover	<u></u>	(/N)				/:X		Volume ren		
	-	moved (L)		Recovery	y Rate (mL		Pump Time	Restart Purg	ge 1 ime	<u></u>
Total ve	June Kei	moved (L)		1	· · · · · · · · · · · · · · · · · · ·	Total.	rump rime		DΟ	
_		Purge Rate	Volume Removed	рН	Cond. (µS/cm)	Temp. (°C)	ORP (mV)	Turbidity (NTU) +/-10% or	DO (mg/L) +/-10% or	Depth to Water
Date	Time	(mL/min)	(LPM)	(+/-0.1)	(+- 3%)	(+-3%)	(+/- 10)	<5 NTU	<0.5 mg/L	(ft below TOC)
	1425	300		762	30.7	20.39		15.1	O	
	30		2.5	6.76		18.25		6	0	
	35		5	6.67	31.2	17.98	140	<u>0</u>	0	
	40		7.5	6.62	29.3	17.81	141	0	0	
	45		10	6.63	30.3	17.75		0	<u>ප</u>	
	50		12.5	6,63	30.2	17.71	142	0	0	
	55		15	6.6	30.3	17.72	141	0	0	
							,			
							†			
COM	MENTS .									
				S	SAMPLE	COLLE	CTION			
	e Date	9/17/2	14			Sampl	e Time	14:50)	
Sampl		1	52125	-MW-	109 -	0917	2024		_	
QA/Q	C Collect	ed / ID				Sampl	e Appearan	ce/Odor /	bre	
Analy	ses								A	
Sampl	er					Signat	ure (elen (wy	



Site Na	me/Locati	on A-c	Aive I	Nous to			Project No) .	Page 1	of
Well ID		-(11		ww.				17 24		<u>412</u>
	•	tion Gove	1			L	- W	1.7101	11111	
Weathe			<u>. </u>							
	echnician	A. Jany								
		1.2.7 h. V								-
				WELL	CONSTR	RUCTIO	N DATA			
TOC E	levation (f	t amsl)					ned Interva	, -,		
Well Di	iameter (ir	1.) Z.	•			Nomii	nal Boreho	le Diameter (i	n.)	
				FIE	LD MEAS	SUREM	ENTS			
Well D	epth (gaug	e after sam	pling) (ft)	34.3	\	Gallor	s per foot	of depth		
Depth t	o product	(ft)		•		Static	water level	(ft) 774		
	column h						column he	_ , ,		
Product	volume (Gallons)				Water	volume (C	allons)		
				PU	RGE INF	ORMAT	TON			
Pump T	ype / ID	P.	eri					eter Type / II	Horib	4 21078
	ntake Dep	• • •		30'		Flow-	Thru Cell	Volume (L)		
	tart Time						rance/Odo			
	lnd Time	1452					rance/Odo			
		ate (mL/mii	n)	T		Total	Drawdown	` '		
	ent Dry (Y	Y/N)	************************	Stop Tin				Volume re		
	ry Time			Recover	y Rate (mI	· · · · · · · · · · · · · · · · · · ·		Restart Pur	rge Time	
Total V	olume Rei	moved (L)			_	Total	Pump Time			
D ate	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
917	1417	7.50	0	5.92	0.337		113	34.3	1.80	2,94
	1417	1	1.25	5.82	0359	23.97	125	29.7	082	2,94
	1422		7.6	5.81	0.363	24.48	127	77.3	0.69	2.94
	1427		375	5.82	0.360	24.32	128	10.1	0.59	2,94
	1432		5	5.84	0.350	25.8	131	2.7	0.51	2.94
+	1437		6.25	5.83	0.347		131	0.5	0.49	2.94
	1442		7.5	583	0.338		132	0.0	0.46	2.94
_	(447		8.75		+			 	0,49	2.94
$\neg \forall \vdash$	1457	\downarrow	10	5,82	0.335		133	0.0	0.48	2.94
	しつし		10	- 10 C	7777	27,01	123	10,0		1 (7
	-			-	 					
	<u>, </u>		l	L	<u></u>	<u> </u>			.L	<u> </u>
COM	MENTS _									
COIVI			······································			- U				
					71320	0077				
-	1 75	01.12			SAMPLE			V 75		· · · · · · · · · · · · · · · · · · ·
	le Date	9/17/54	<u> </u>			Sampl	e Time \	<u> </u>		
Samp		-1/ID				Ic -	- A			
	C Collect	ed / ID				Sampl	e Appeara	nce/Udor		
Analy						C:	M			
Samp	ier /7.	SALX				Signat	ure //\j.	Lies		



Site Na	me/Locatio	on /	Iclive	Indi	a Strin		Project No	:	Page	of
Well ID)	RW.	· [1 . 700			וין	Time	
Well Sit	te Descrip	tion				<u> </u>				
Weather	r/Temp									*
Field Te	echnician								,	
				WELL	CONSTR	UCTIO	N DATA			
TOC El	evation (ft	amsl)				Screen	ned Interval	(ft bgs)	10-	40(3)
Well Di	ameter (in	.)				Nomin	nal Borehol	e Diameter (ii	n.) [0]	
				FIE	LD MEAS	UREMI	ENTS		• · •	
Well De	epth (gaug	e after san	pling) (ft)	33.5	ftoc	Gallor	ns per foot o	of depth		
	o product (water level		55	
	column h	_ , ,					column hei	<u> </u>		
Product	volume (0	Gallons)				Water	volume (G	allons)		
				PU	RGE INF	ORMAT	ION	-	··· ·	
Pump T	ype / ID		Peri			Water	Quality Me	eter Type / ID	3296	34
	ntake Dept	h (ft)	28.5	ftoc			Thru Cell V	` '		- 3
	tart Time		— —				rance/Odor	<u> </u>		
	nd Time						rance/Odor			
		te (mL/mi	n)			Total l	Drawdown	` /		
	ent Dry (Y	//N)		Stop Tin				Volume ren	<u></u>	
Recover	-			Recover	y Rate (mL			Restart Pur	ge Time	
Fotal V	olume Rer	noved (L)		,		Total 1	Pump Time	·		
		Purge	Volume		Cond,	Temp.	ORP	Turbidity (NTU)	DO (mg/L)	
		Rate	Removed	pН	(µS/cm)	(°C)	(mV)	+/-10% or	+/-10% or	Depth to Water
Date	Time	(mL/min)	(LPM)	(+/-0,1)	(+-3%)	(+-3%)	(+/- 10)	<5 NTU	<0.5 mg/L	(ft below TOC)
<u> 17 </u>	10:55	250	19	6.21		23.00	193	136	0	
	11:00		1,43	6.23			1223176		0	
.	11:05		2.5	6.26	-312	21.95	159	117	0	
	10			6.32		21.42	145	96.2	Q	
	18		5	6.34		21.28		85.2	0	
	20		6.25	6.37	.316	21.09	133	74.0	0	
	25		7.5	6.39	.317	20.94	130	7a.6	0	
	30		8.75	6.40		20.84	128	62.2	O	
	11:35		10	6.41		20.71	127	48.0	0	
	40		11.25	6.41	.317	20.62	129	41.2	0	
	45		12.5		.318	20.52	128			
	1 45	1.5	13.5	6.42		<u> १०.५२</u>		38.6	0)
COMI	MENTS _	obsti xpecti	ed be	stlbm		1041	ige cr	ed tu	bing 4	non ra
					SAMPLE (
	le Date	717				Sampl	e Time	150		
Sampl	le ID	2125-	Bm-1	-0917	2024					
	C Collecte	ed/ID				Sampl	e Appearan	ce/Odor		
	ses								/	
Analy Sampl						Signat	· · · · · · · · · · · · · · · · · · ·	un (un		



WELL PURGING AND SAMPLING RECORD

Vell ID Vell Site	ne/Locati	on /	Active	Indi	ust.			1602534	Page	of
Well Site		RW	~ R				Date 9/1	7 24	Time)	235
	e Descrip	tion		*****	·		, , , , , , , , , , , , , , , , , , ,	•		
Weather/										
Field Tec	chnician	A C	wey							
			(WELL	CONSTI	RUCTIO	N DATA			
TOC Ele	vation (f	t amsl)		•		Screen	ed Interval	(ft bgs)		
Well Dia	ımeter (ir	1.)				Nomin	nal Borehole	e Diameter (i	in.) [O	in Steel
				FIE	LD MEA	SUREMI	ENTS			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Well Dep	pth (gaug	ge after sam	pling) (ft)	35	ftoc	Gallor	ıs per foot o	of depth		
Depth to	product	(ft)				Static	water level	(ft)	V/ <i>A</i>	
Product of		_ , ,		•		Water	column hei	ght (ft)		
Product v	volume (Gallons)				Water	volume (Ga	allons)		
				PU	RGE INF	ORMAT	ION			
Pump Ty	pe / ID	Pe	Γì					eter Type / II	3 292	4
Pump Int	take Dep	th (ft)	3 30	> Cto	<u></u>	Flow-	Thru Cell V	olume (L)		
Purge Sta	art Time					Appea	rance/Odor	(Start)	lack. s	light sulp
Purge En							rance/Odor	(End)) T	
Average	Purge Ra	ate (mL/mi	n)			Total :	Drawdown	(ft)		
Well We	nt Dry (Y/N)		Stop Tin	ne			Volume re	moved (L)	
Recovery				Recover	y Rate (ml	L/min)		Restart Pur	rge Time	
Total Vo	lume Re	moved (L)				Total !	Pump Time	(min)		
		Purge Rate	Volume Removed	pН	Cond. (µS/cm)	Temp.	ORP (mV)	Turbidity (NTU) +/-10% or	DO (mg/L) +/-10% or	Depth to Water
Date	Time	(mL/min)	(LPM)	(+/-0.1)	(+- 3%)	(+-3%)	(+/- 10)	<5 NTU	<0.5 mg/L	(ft below TOC)
	1235	520	10	9.23	0.00	17.98	-217	326	10.32	-
	1240		1.25	9.37	0.00			<u> 310</u>	7, 94	
	45		2.5	9.25		18.08		366	6.96	
	50			9.18	0.001	18.01	-248	525	6.10	
	55									
	1300									
	05			9.47	, ००४	17.99	-7	294	7.80	
	10			9,45	.608	18.02	-5	302	7.06	
	18			9.40	11	18.11	- [303	6.59	
	30			9.35	h	17.76	-7	308	6.05	
	13 25	Ì		T .	1	1	 			·

Appendix B

Daily Field Reports

Page 1 of 8 Date: 09/16/2024

	,, c								
NYSDEC Division of Environme	ental Remediati	ion ²	NEW YOR STA	K Departmen	ental	Contract N	lo. D0098	306-34	
Site Location: 699-6	01 Tompkins I	Ln, Linden	hurst, N	Y		DEC PM - J.	Stefansky	Engineer	
	Weather Conditions PM – J. Oliver								
General Description	1100.01101	AM	Clear		PM	Engineer Ins	p. – A. Car	ey	
Temperature		AM		78	PM				
Wind		AM	3 SW		PM				
Health & Safety If any box below is	checked "Ves	" provide	ovnlana	tion under "H	aalth 8	R Safety Com	monts"		
Were there any change		•	-	tion under 11	Caitii	Yes	No	NA *	
Were there any exceed				eported on this o	date?	Yes	No	NA *	
Were there any nuisand	-			-		Yes	No	NA *	
Health & Safety Cor	· · · · · · · · · · · · · · · · · · ·	4,00001104	on tine dat			1.00	1110	1.0.1	
N/A	······································								
Summary of Work F	Performed	Arrived a	t site:	1200	D	eparted Site:	1800		
(1600) Begin purge/sar (1800) Sampling compl			mpled; EA	offsite					
Equipment/Material If any box below is		" provido	ovnlanat	ion under "M	atorial	Tracking Co.	mmonte"		
Were there any vehicle						Yes	No	NA *	
Were there any vehicle			51 D.O.1 110	ambers and plac	aius:	Yes	No	NA *	
Were there any vehicle			nated prior	to exiting the wo	ork site?		No	NA *	
Personnel and Equi	pment			-		.	-	•	
Individual		Co	ompany		T	rade	Tota	al Hours	
Adam Care	У		EA			Geo	6		
Alex Faux			EA		(Geo	6		
					· <u> </u>				
							1		

				-				
Equipment Description	n		Contractor/Vend	lor		Quantity	Us	sed
Rental pickup Truck			Enterprise Renta	No.		1	Yes	
Peri pump			Pine Pine	115		2	Yes	
Horiba meter			Pine			2	Yes	
PID			Pine			2	Yes	
	+							
Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile	_	ource or cility (If <i>i</i>	Disposal Applicable)	Daily Loads	Daily Weight (tons)*
								_
								1
								1
		-						1
								+
								-
								+
								-
*On-Site scale for off-site	shinment	delivery tick	cet for material re	ceived				.1
Equipment/Material Tra			ection material re	, conved				

Page 2 of 8 Date: 09/16/2024



Page 3 of 8
Date: 09/16/2024

Visitors to Site						
Name	Rep	resenting	Entered Ex	clusion/CRZ Zone		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
			Yes	No		
Site Representatives						
Name		Representing				
Adam Carey		EA				
Alex Faux		EA				
Project Schedule Comments						
N/A						
Issues Pending						
N/A						
Interaction with Public, Property C	Owners, Media, et	C.				
N/A						



Page 4 of 8 Date: 09/16/2024

Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below) MW-107 MW-104

Comments

Page **5** of **8**

Date: 09/16/2024



LY INSPECTION REPORT - No. 01 ive Industrial Uniform), Site No. 152125	Page 6 o Date: 09/16/20 2
Site Inspector(s): Adam Carey	Date: 9/16/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes \square No \square N/A \square

REMEDIAL ACTIVITIES AT PROPERTIES

Page **7** of **8**

Date: 09/16/2024

1.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠
2.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠
3.	Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □
4.	Does the Department and its contractors have your permission to enter the property at this time?	Yes □	No 🗆
5.	If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes □	No □
Comm	ents:		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes □	No □	N/A⊠
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes □	No □	N/A⊠
Containers are in good condition or properly overpacked?	Yes □	No □	N/A⊠
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes □	No □	N/A⊠
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes □	No □	N/A⊠
Piles are securely covered when not in use?	Yes □	No □	N/A⊠
Containers are closed when not in use?	Yes □	No □	N/A⊠
Staging areas should be inspected periodically and any issues addressed immediately?	Yes □	No □	N/A⊠
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes □	No □	N/A⊠
If any issues noted, has Contractor been notified?	Yes □	No □	N/A⊠
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes □	No □	N/A⊠
Were there any odors detected on this date?	Yes □	No □	N/A⊠
Was noise outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Were vibration readings outside specification and/or above background on this date?	Yes □	No □	N/A⊠
Any visible dust observed beyond the work perimeter on this date?	Yes □	No □	N/A⊠
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes □	No □	N/A⊠
Was turbidity checked at the outfall(s)?	AM □	РМ□	N/A⊠
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes □	No □	N/A⊠



Was the temporary fabric structure closed at the end of the day?	Yes □	No □	N/A⊠
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes □	No □	N/A⊠
If yes, has Contractor been notified?	Yes □	No □	N/A⊠
Comments:			

Page 8 of 8 Date: 09/16/2024

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes □	No □	N/A⊠
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes □	No □	N/A⊠
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes □	No □	N/A⊠
Is BART-equipped equipment properly maintained and working?	Yes □	No □	N/A⊠
Is work being sequenced to avoid double handling?	Yes □	No □	N/A⊠
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes □	No □	N/A⊠
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes □	No □	N/A⊠
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes □	No □	N/A⊠
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes □	No □	N/A⊠
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes □	No □	N/A⊠
Has Contractor been notified of any deficiencies?	Yes □	No □	N/A⊠
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes □	No □	N/A⊠
Comments:			

^{*} BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT - No. 02

Page 1 of 8 Date: 09/17/2024

(Active Industrial Uniform), Site No. 152125 ŃEW YORK Contract No. D009806-34 Department of **NYSDEC Environmental** STATE Division of Environmental Remediation Conservation DEC PM - J. Stefansky Engineer Site Location: 699-601 Tompkins Ln, Lindenhurst, NY PM - J. Oliver Weather Conditions **General Description** Clear PM Engineer Insp. - A. Carey Overcast AM **Temperature** 65 AM 82 PMAM Wind PM **Health & Safety** If any box below is checked "Yes", provide explanation under "Health & Safety Comments". Were there any changes to the Health & Safety Plan? NA Yes NA * Were there any exceedances of the perimeter air monitoring reported on this date? No Were there any nuisance issues reported/observed on this date? Yes No NA **Health & Safety Comments** N/A 0830 1530 **Summary of Work Performed** Arrived at site: Departed Site: (0830) EA (A. Carey, A. Faux) arrive onsite and begin calibrating Horiba units (0840) Organizing samples and field documentation; collecting QC samples (0920) Purging/sampling begins for the day (1010) Samples collected from MW-101 and MW-5s; mob to MW-4D and RW-1 area (1150) Mob to scout wells outside of Active Indust. Gate (1215) A. Carey setup on RW-2 (1325) A. Faux setup on MW-2s (1415) A. Faux mob to MW-111; A. Carey mob to MW-109 (1450) All sampling complete (8 wells today, 15 total); packup for day. (1530) EA offsite **Equipment/Material Tracking** If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	Yes	No	NA *
Were there any vehicles which were not tarped?	Yes	No	NA *
Were there any vehicles which were not decontaminated prior to exiting the work site?	Yes	No	NA *

Personnel and Equipment

Individual	Company	Trade	Total Hours
Adam Carey	EA	Geo	7
Alex Faux	EA	Geo	7



Equipment Descriptio	n		Contractor/Vend	dor		Quantity	Use	ed
Rental pickup Truck			Enterprise Renta	als		1	Yes	
Peri pump			Pine			2	Yes	
Horiba meter PID			Pine Pine			2	Yes Yes	
FID			Fille				168	
	Imported	, [Daily
Material Description	Delivered	Exported	Waste Profile		Source or	Disposal Applicable)	Daily	Weight
•	to Site	off Site	(If Applicable	;) [acility (if A	Applicable)	Loads	(tons)*
		-					-	
*On-Site scale for off-site	shinmon	t delivery tick	et for material re	aceived				
			C. TOI THATEHAITE	JOUINGU				
Equipment/Material Trac	cking Co	mments:						

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Date: 09/17/2024



DAILY INSPECTION REPORT - No. 02

Page 3 of 8 Date: 09/17/2024 (Active Industrial Uniform), Site No. 152125

Visitors to Site					
Name	Rep	resenting	Entered Exc	lusion/CRZ Zone	
	-		Yes	No	
			Yes	No	
			Yes	No	
			Yes	No	
			Yes	No	
			Yes	No	
			Yes	No	
			Yes	No	
			Yes	No	
Site Representatives					
Name		Representing			
Adam Carey		EA			
Alex Faux		EA			
Project Schedule Comments					
N/A					
Issues Banding					
Issues Pending					
N/A					
Interaction with Public Property C	Owners Media et	C			

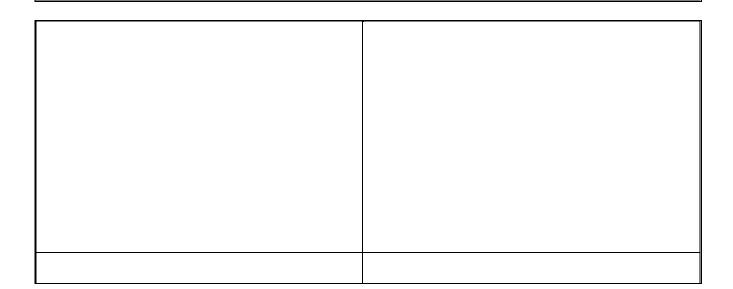
Page 4 of 8 Date: 09/17/2024

N/A

Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below)

DAILY INSPECTION REPORT - No. 02 (Active Industrial Uniform), Site No. 152125 Page 5 of 8 Date: 09/17/2024



Comments		
Comments		
Comments		
	Comments	
Site Inspector(s): Adam Carey Date: 9/17/2024	Odminients	

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Date: 09/17/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes \square No \square N/A \square

REMEDIAL ACTIVITIES AT PROPERTIES

Page **7** of **8 Date: 09/17/2024**

1.	Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes □	No ⊠		
2.	Have anyone at this location been tested and confirmed to have COVID-19?	Yes □	No ⊠		
3.	Were personal protective gloves, masks, and eye protection being used?	Yes ⊠	No □		
4.	Does the Department and its contractors have your permission to enter the property at this time?	Yes □	No □		
5.	If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes □	No □		
Comments:					

ON-SITE WASTE STORAGE

			_
Drums, roll offs and piles are staged in secure areas?	Yes □	No □	N/A⊠
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<u>Comments:</u>			

Page 8 of 8 Date: 09/17/2024

RESILIENCE/GREEN REMEDIATION CHECKLIST

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Comments:			

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Appendix C Analytical Data Trend Graphs

