APPENDIX FF

Monitoring Well and Recovery Well Boring and Construction Logs

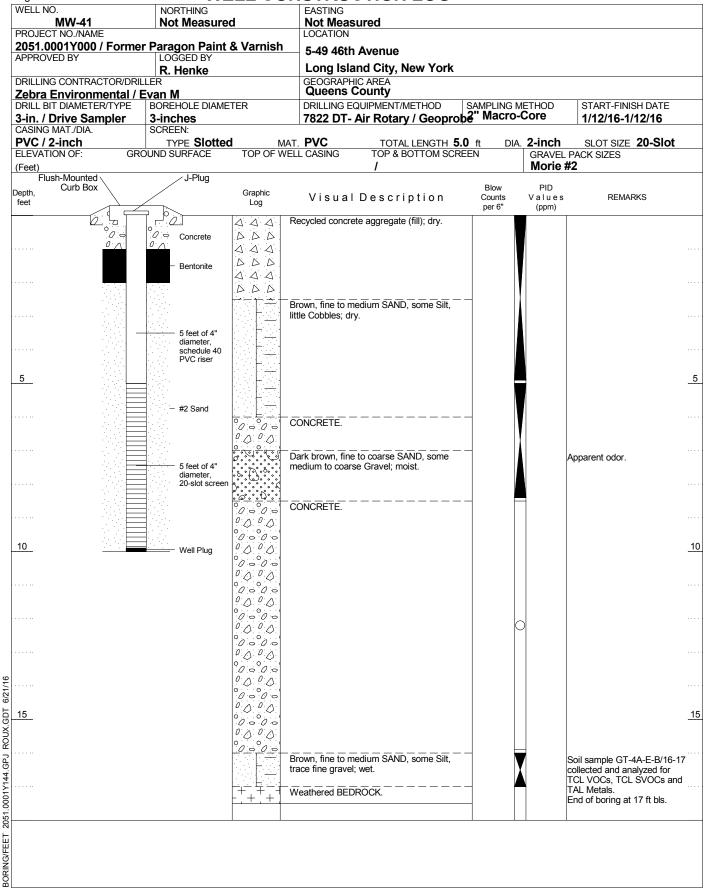


WELL NO.	MW-40	NORTHING Not Measu	rod	Not Meas	urod						
	NO./NAME	INOLIVIEASU	ıeu	LOCATION	oureu						
2051.00	01Y000 / Form	er Paragon Pai	nt & Varnish		Δvenue						
APPROVE	D BY	LOGGED BY			5-49 46th Avenue Long Island City, New York						
BII I INC	CONTRACTOR/DE	R. Henke		GEOGRAPH							
	invironmental			Queens (County						
ORILL BIT	DIAMETER/TYPE	BOREHOLE DIA	METER	DRILLING E	QUIPMENT/METHOD S	SAMPLING M	ETHOD	START-FINISH DATE			
3-in. / D	rive Sampler	3-inches		7822 DT-	Air Rotary / Geoprobe	y Macro-(ore	1/11/16-1/11/16			
CASING M PVC / 2-		SCREEN: TYPE Slot	ted M	AT. PVC	TOTAL LENGTH 15.0	Off DIA	2-inch	SLOT SIZE 20-Slot			
LEVATIO		ROUND SURFACE		ELL CASING	TOP & BOTTOM SCREE	N DIV.		PACK SIZES			
Feet)	. Maria da d	LDI			1		Morie	#2			
	h-Mounted Curb Box	J-Plug	Cranbia			Blow	PID				
epth, eet			Graphic Log	Visual	Description	Counts per 6"	Values (ppm)	REMARKS			
			4 4 4	Recycled concre	ete aggregate (fill); dry.	pei 0	(μριτι)				
	0.0	Concrete		. tooyolou toriole	aggrogato (iii), tily.						
	0.	O A	111								
		Bentonite	000								
			444								
			\(\rangle \rangle \ran]					
		4.545.41	444		edium SAND, some Silt, ace brick (fill); dry.						
		4 feet of 4" diameter,	[.LJ .LJ .LJ]	inde Cobbies, tra	OC DITOK (IIII), UIY.						
		schedule 4 PVC riser	0 4 4 4								
_											
5			444								
		- #2 Sand	000								
			444								
							88.3				
				Brown, fine to m coarse Gravel, t	edium SAND, some						
			· 0 °	Jaise Glavel, I	race siit, wet.						
			000								
			0-0		AND, some coarse Gravel;						
				moist.	to coorce CAND IIII	-		Apparent odor. Soil sample			
				medium to coars	to coarse SAND, little se Gravel; trace fine			GT-5C-W-B/9-11 collected			
0_				cobble; wet.	,			and analyzed for TCL VOCs, TCL SVOCs and TAL Metals.			
							436.8	7			
		15 feet of 4									
		diameter, 20-slot scre	\$*								
		20-3101 301					754.3				
			****	Dark brown; fine	SAND, some Silt; moist.	1					
							625.1				
_							J2J. 1				
<u>5</u>				Dark brown fine	SAND, some Silt, little fine			Soil sample			
	, , , , <u>, , , , , , , , , , , , , , , </u>		100	to medium Grav			139.8	GT-5C-W-B/15-16 collected			
			, ()					and analyzed for TCL VOCs, TCL SVOCs and TAL Metals.			
			00					TOL OVOCO AND TAL MELAIS.			
	***		.00] [90.2				
					to medium SAND, some medium Gravel; moist.						
			。 () 。	ont, some line to	medium Gravei, MOISt.						
							59.1				
			0 0				1				
	<u> </u>	Well Plug	P+ + +	BEDROCK.				End of boring at 19 ft bls.			
			++++					or borning at 10 ft bio.			
20											



& Management

209 Shafter Street Islandia, NY 11749 Telephone: (631) 232-2600 Fax: (631) 232-9898





WELL NO.	V-42	NOR ⁻	Measure	d	Not Meas	sured						
PROJECT NO)./NAME				LOCATION	741 VU						
2051.0001 [°]	Y000 / Forme	er Parage	on Paint	& Varnish	5-49 46th	Avenue						
APPROVED E	BY		GED BY			Long Island City, New York						
DRILLING CO	NTRACTOR/DR	K. H RILLER	enke		GEOGRAPH	GEOGRAPHIC AREA						
	ironmental /				Queens	County						
	AMETER/TYPE		OLE DIAME	TER	DRILLING E	QUIPMENT/METHOD S	AMPLING M	ETHOD Coro	START-FINISH DATE			
<u>3-IN. / DrIV</u> CASING MAT	e Sampler	3-inch SCREEN			/822 D1-	Air Rotary / Geoprobe	iviacio-	COIE	1/12/16-1/12/16			
PVC / 2-ind	ch	TYP	E Slotte	d M	IAT. PVC	TOTAL LENGTH 6.0	ft DIA.	2-inch	SLOT SIZE 20-Slot			
LEVATION (OF: GF	ROUND SUI	RFACE	TOP OF W	VELL CASING	TOP & BOTTOM SCREE	N		ACK SIZES			
Feet) Flush-Me	ounted \		J-Plug			<u> </u>		Morie #2	<u>/</u>			
	irb Box		o i lag	Graphic	\/:I	D 1 - 4!	Blow	PID	DEMARKO			
feet				Log	visuai	Description	Counts per 6"	Values (ppm)	REMARKS			
		7,2		444	Recycled concre	ete aggregate (fill); dry.						
	0.0	000	Concrete	000								
	0.	0.		444								
		- E	Bentonite									
		4	I feet of 4"	444								
		C	diameter, schedule 40			e to medium SAND, some Gravel, trace silt; dry.						
		ř	PVC riser			, ,						
5		╡										
				00000	Brown, fine SAN	ND, some Silt; moist.						
		∄ - *	#2 Sand	0:0:0:0:								
				0000								
				0000								
				0.0.0.0								
		7	7 feet of 4" diameter,	£.51.6.	Dark brown fine	e SAND, some Silt; wet.		Δ	pparent odor.			
			20-slot screen						pparonic oddi.			
		\equiv										
10												
		<u> </u>	Well Plug									
		_ ·		0000	CONCRETE.	-						
				0.0.0.0								
				1.0.0.0.0								
				0:0:0:0:0:								
				0.0.0.0								
				0000								
				0000								
15				0.000								
				0.7.0.7.								
				0000								
				0000								
				0000								
				0.0.0.0								
				0000								
				0000								
				++++	Weathered BED	DROCK.						
				- + +								



	1		THING Mossurod		EASTING Not Mose	surad					
RW-0 PROJECT NO./N	AME		Measured		Not Meas	oureu					
2051.0001Y00 APPROVED BY	00 / Forme	r Parage	on Paint 8	Varnish	- 5-49 46th Avenue						
APPROVED BY		LOGG	GED BY		5-49 46th Avenue Long Island City, New York						
ORILLING CONTI	RACTOR/DPII	 LFR			GEOGRAPH	HIC AREA					
I											
DRILL BIT DIAMETER/TYPE BOREHOLE DIAMETER					DRILLING E	QUIPMENT/METHOD	SAMPLING M	IETHOD	START-FINISH DATE		
CASING MAT./DI	A.	SCREEN									
PVC / 6-inch	CDC	TYP	E Slotted	TOP OF WEI	PVC	TOTAL LENGTH '	10.0ft DIA.	6-inch	SLOT SIZE 20-Slot		
ELEVATION OF: Feet)	GRU	DUND SUI	RFACE	0.00	LL CASING	IOP & BOTTOM SC	KEEN	Morie #2	PACK SIZES 2		
Flush-Mount	ted \		J-Plug	0.00		,	DI	•			
epth, Curb E	SOX /			Graphic Log	Visual	Description	Blow Counts	PID Values	REMARKS		
				Log			per 6"	(ppm)			
	V 50	0 7 (7 (concrete								
		- E	Bentonite								
		- ±	#2 Sand								
		,	- Cana								
5											
-											
· · · · · · · · · · · · · · · · · · ·											
PRODUC	T -										
LEVEL 9/18/2 GROUNE)										
WATER LEY 9/18/2015	5										
10											
10			10 feet of 6" diameter,								
		_ 2	20-slot, PVC screen								
		•									
15		v	Well Plug								



	,	NORTHING Not Measured	1	EASTING Not Meas	urad					
RW-02 PROJECT NO./NA	ME			LOCATION	ureu					
2051.0001Y00	0 / Former	Paragon Paint a	& Varnish		Δνεημε					
APPROVED BY		LOGGED BY		5-49 46th Avenue Long Island City, New York						
ORILLING CONTR	ACTOR/DRII	 I FR		GEOGRAPH	IIU CITY, NEW YORK					
1										
orill bit diamet <i>I</i>	TER/TYPE	BOREHOLE DIAME	ΓER	DRILLING E	QUIPMENT/METHOD	SAMPLING M	IETHOD	START-FINISH DATE		
ASING MAT./DIA		SCREEN:		'						
PVC / 6-inch ELEVATION OF:	CDC	TYPE Slotted DUND SURFACE	TOP OF WEI	- PVC	TOTAL LENGTH TOP & BOTTOM SC	10.0ft DIA.	6-inch	SLOT SIZE 20-Slot		
Feet)	GRC	DUND SURFACE	0.00	LL CASING	10P & BOTTOW SC	REEN	Morie #	PACK SIZES 2		
Flush-Mounte	ed \	J-Plug	0.00		•		•	_		
epth, Curb Bo	ox /		Graphic Log	Visual	Description	Blow Counts	PID Values	REMARKS		
		Concrete	Log		·	per 6"	(ppm)			
	0									
		D. 1 "								
		Bentonite								
		- #2 Sand								
		#2 Janu								
5										
		10 feet of 6"								
•		diameter, 20-slot, PVC								
0 GROUND	:::	screen								
WATER LEVI 9/18/15	EL .									
		Well Plug								



WELL NO. RW-03	NORTHING Not Measured	i	EASTING Not Measured					
PROJECT NO./NAME			LOCATION					
2051.0001Y000 / For APPROVED BY	mer Paragon Paint	& Varnish	5-49 46th Aven	ille.				
APPROVED BY			Long Island Ci		,			
DRILLING CONTRACTOR/I	R. Henke		GEOGRAPHIC ARE		\			
Zebra / Carlos	DRILLER		GEOGRAPHIC ARE	A				
DRILL BIT DIAMETER/TYP	E BOREHOLE DIAME	ΓER	DRILLING EQUIPME	NT/METHOD	SAMPLING M	IETHOD	START-FINISH DATE	
<u> </u>	6-inches		/ Geoprobe				2/11/16-2/11/16	
CASING MAT./DIA.	SCREEN:		D)/O -		40.0		00 01.1	
PVC / 6-inch ELEVATION OF:	TYPE Slotted GROUND SURFACE	TOP OF WEL	PVC T	OTAL LENGTH P & BOTTOM SC	10.0ft DIA	6-inch	SLOT SIZE 20-Slot PACK SIZES	
Feet)	CROOND CON TOL	0.00	10 I	a Bottom oc	JI CELIT	Morie #	2	
Flush-Mounted \	/ J-Plug		•			•	-	
epth, Curb Box		Graphic	Visual Des	crintion	Blow Counts	PID Values	REMARKS	
eet		Log	1.044.500	011711011	per 6"	(ppm)		
	concrete							
	 Bentonite 							
5	- #2 Sand							
PRODUCT LEVEL 9/18/15								
∇								
GROUND								
WATER LEVEL 9/18/15								
10								
	10 feet of 4"							
	diameter, 20-slot, PVC							
	screen							
<u>.</u>								
<u>5</u>								
	Well Plug							



WELL NO. RW-04	NORTHING Not Measured	1	EASTING Not Moss	urad					
PROJECT NO./NAME	INOLIVIEASUFEO	1	Not Measured LOCATION						
2051.0001Y000 / Forme APPROVED BY	r Paragon Paint 8	k Varnish	5-49 46th Avenue						
APPROVED BY									
DRILLING CONTRACTOR/DRI	R. Henke		GEOGRAPH	Ind City, New York					
Zebra / Carlos	LLER		GEOGRAFI	IIC AREA					
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMET	ER	DRILLING E	QUIPMENT/METHOD	SAMPLING N	IETHOD	START-FINISH DAT	E	
1	6-inches		/ Geopro	be			2/11/16-2/12/16		
CASING MAT./DIA.	SCREEN:		PVC	TOTAL LENGTH	10.00	C inch	01 07 017F 20 CI	-4	
PVC / 6-inch ELEVATION OF: GR	TYPE Slotted OUND SURFACE	TOP OF WEL	L CASING	TOTAL LENGTH '	<u>ιυ.υπ</u> DIA REEN	GRAVEL F	SLOT SIZE 20-SI PACK SIZES	υι	
(Feet)		0.00		1		Morie #	2		
Flush-Mounted Curb Box	J-Plug				Blow	PID			
lepth, Curb Box		Graphic Log	Visual	Description	Counts	Values	REMARKS		
		Log			per 6"	(ppm)			
	Concrete								
	 Bentonite 								
<u>5_</u>	_ #0 00==								
	- #2 Sand								
···	∄ : 3.								
	3 3.3								
	=								
10 ▼									
PRODUCT LEVEL 9/18/15	∃ . (:								
LLVLL 9/10/13	∄ (:								
	∄ .								
GROUND -	10 feet of 4" diameter,								
WATER LEVEL 9/18/15	20-slot, PVC								
	screen								
15									
	∄ ::::								
	∃ :::::::::								
	Well Plug								



Not Measured		LOCATION	II GU				
or Paragon Paint 8) Varralah	1					
πιαιαγοπιαπιτ	k varnisn	5-49 46th Avenue					
er Paragon Paint &							
R. Henke		Long Islan	ia City, New York				
ILLER		GEOGRAPHIC	CAREA				
BOREHOLE DIAMET	ER	DRILLING EQ	UIPMENT/METHOD	SAMPLING N	IETHOD	START-FINISH DATE	
6-inches						2/11/16-2/12/16	
		-		_			
TYPE Slotted	MAT	· PVC	TOTAL LENGTH 9	.5 ft DIA	6-inch	SLOT SIZE 20-Slot	
OUND SURFACE		L CASING	IOP & BOTTOM SCR	KEEN			
/ J-Plug	0.00		, , , , , , , , , , , , , , , , , , ,		INIONIC #2	<u>-</u>	
	Graphic	Vieuall	Doscrintion			REMARKS	
	Log	visuaii	Description	per 6"	(ppm)	KEWAKKS	
Concrete							
0							
1 1.							
Bentonite							
- #2 Sand							
∃ ::							
∃ 33.							
∃ : 3:							
∃ :::::							
∃ (33)							
∃ 5.00							
∄ ````							
∄ : ::							
∃ ():							
∃ (3):							
∃ k (x.							
10 feet of 4"							
20-slot, PVC							
screen							
∄ 330							
∃							
∄ 388.							
∄ .							
∃ ::::							
							
∄ (4)							
Well Plug							
1	R. Henke ILLER	R. Henke BOREHOLE DIAMETER 6-inches SCREEN: TYPE Slotted MAT TOP OF WEL 0.00 J-Plug Graphic Log Concrete BOREHOLE DIAMETER G-inches TOP OF WEL 0.00 J-Plug Graphic Log Concrete Henke Henke	R. Henke ILLER GEOGRAPHIC BOREHOLE DIAMETER 6-inches SCREEN: TYPE Slotted TOP OF WELL CASING 0.00 J-Plug Graphic Log Visual - #2 Sand 10 feet of 4" diameter, 20-slot, PVC screen	R. Henke ILLER GEOGRAPHIC AREA BOREHOLE DIAMETER 6-inches SCREEN: TYPE Slotted TOP OF WELL CASING 0.00 J-Plug Graphic Log Visual Description #2 Sand 10 feet of 4" diameter, 20-slot, PVC screen	ILLER GEOGRAPHIC AREA BOREHOLE DIAMETER GEOGRAPHIC AREA G-inches / Geoprobe SCREIN: TYPE Slotted MAT. PVC TOTAL LENGTH 9.5 ft DIA. ROUND SURFACE TOP OF WELL CASING TOP & BOTTOM SCREEN J-Plug Graphic Log V is u all Description Graphic Description Blow Counts Geoprobe Description Counts Graphic Description Counts Graphic Description Description Graphic Description Description Graphic Description Description Graphic Description Description Geoprobe Description Description Description Geoprobe Description Description Description Geoprobe Description Description Description Description Description Geoprobe Description De	ILLER GEOGRAPHIC AREA	