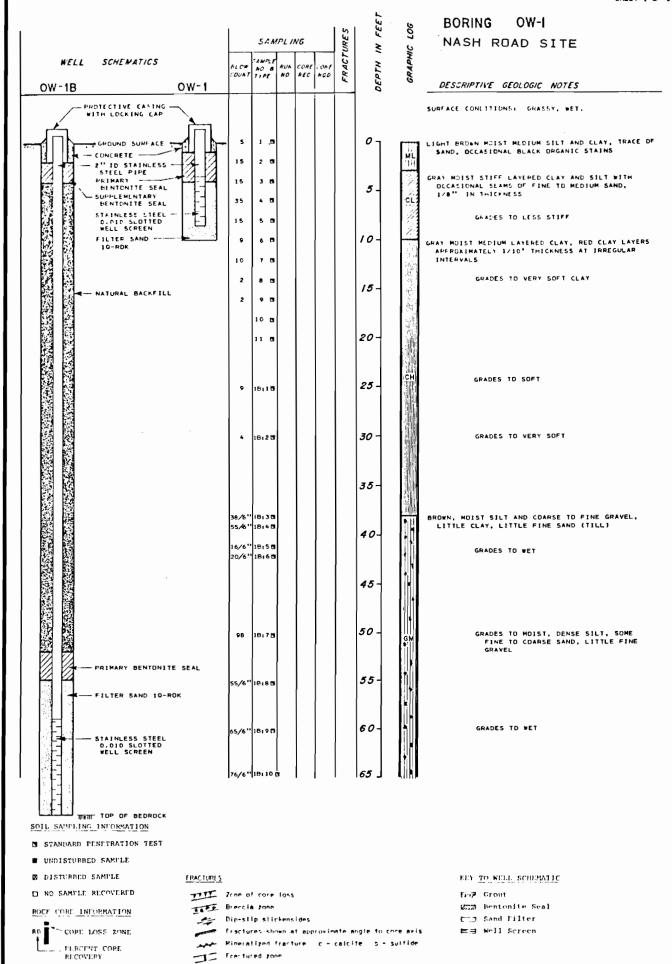


APPENDIX A CONSTRUCTION LOGS FOR THE FILL/UPPER SAND MONITORING WELLS

1985 Phase II Report



RECOVERY

■ Vold

SHEET 2 OF 2

WELL SCHEMATICS	ALC COU	SAMPLE NO B AT 71 PE	PUN	CORE	FRACTURES	DEPTH IN FEET	GRAPHIC LOG	BORING OW-I : NASH ROAD SITE DESCRIPTIVE GEOLOGIC NOTES
		18,11				65 70-	GM	TOP OF BEDROCK AT 68.6', BEDROCK IS DOLOSTONE. BORING TERMINATED AT A DEPTH OF 68.6' ON JUNE 11. 1984.

SOIL SAMPLING INFORMATION

- M STANDARD PENETRATION TEST
- UNDISTURBED SAMPLE
- D DISTURBED SAMPLE
- D NO SAMPLE RECOVERED
- ROCE CORL INFORMATION
- PEPCENT CORE RICOVERY

FRACTURES

Precia zone
Din-stip slickensides

fractures shown at approximate angle to core axis

Mineralized fracture c - calcite s - suffide

I fractured zone

- FEY TO WELL SCHEMATIC
- FFF Grout
- 222 Bentonite Seal
- □□ Sand Filter
- ₩∃ Well Screen

1989 Phase II Report

1.D. SPT 1.D. SPT	ent of ditch/pord	Plan @ ow . it.	Sheet	ENGINEERING-SCIENCE DRILLING RECORD PROJECT NAME Nash Road PROJECT NO. 54012.19 Westher Sunny 30°F Date/Time Start 129 158 1130 Crate/Time Finish 129 188 1200	· SERCE	84	MODINE MO	Type_ ling Met
State Stat	ATIC Comments	WELL SCHEMATIC	w	FIELD IDENTIFICATION OF MATERIAL		TUC		
		Bentonile DIC RISER SAND. 2" PIC	med sa	Orange / Brown m-c sand grading into stiff clay with silt, trace gravel	3 1 1 2 29 4 10 12 13 15 16	1	7ec = 6 55 7ec = 6 55 4-6 7ec = 1	<i>D</i> ·2

A - AUGER CUTTINGS

riller: <u>M.</u>	WATER OF	oche-br n-Ena.5 3-61 4.25" I	Dalla Ei. D.	PROJECT NAME <u>Nasin Rd</u> PROJECT NO. <u>SYOLA.19</u>	BORING NO. Sheet of of Location mand 15 of edge of pond Plot Plan Sitch & pord Plot Plan	
Photoved Panding	SAMPLE DEPTHS	SAMPLE I.D.	SPT	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	Çomments
0.6	190 - 12" SS 4-6 190 - 12" SS	1 1 1 5-2 1 1 1 1 1 5-3	5 3 2 10 10 10 10 10 10 10 10	me brown sand trace randed black gravel gracing into stiff	2"	- 1.5 - 25' 3.0'
	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 20	No sample		No return on 1st or and altempts in ss.

DRILLING CONTRACTOR: Driller: D. MILLER INDECTOR: K. ISAKOWER RIG TYDE MOBILE 61 Orilling Method 1/4" ID HSA GROUND WATER OBSERVATIONS Water Levell 8,5" 1.0" Time + 0919 0735 Date + 1218 1210 Casing Deptin; 10."	ENGINEERING-SCIENCE DRILLING RECORD PROJECT NAME NASH RD. PROJECT NO. SYDIZ 19 Weather Date/Time Start 12/8/87 0750 Unic/Time Place 12/8/87 1230	BORING NO. OW Sheet of LocationWEST 	1
Photovac SAMPLE SAMPLE DEPTHS I.D. SPT	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	Comments
0.0 0-215-1 2	WET BROWN & GREY SILT, SOME SAND, TRASH PRESENT. MOIST BROWN CLAY, SOME SILT. Boring terminated at 10'	#4 Q-ROCK BENTICEMENT/6 #4 Q-ROCK PEL GROVI Z"ID HIDSLOT PUC Z"ID PUC RISER SCREEN L.	5-4: wood in rose

A - AUGER CUTTINGS

2013 Site Characterization Report

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 12 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA .: 8 in. WELL DIA.: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 6/3/13 Sampling Method: Macro Core Drilling Company: Quality Inspection Services Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) **Acker Soil Scout**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
-							4" Steel protective standpipe set in concrete
0-	S#1, 0- 4'	2.7	NA	3.5/4.0'	Gray, Silty Clay. Moist Tan-Brown, fine to medium Sand, little to some Silt, trace organics. Moist		2" PVC riser to approx 2 ft above surface
-							Hydrated bentonite chips
5-	S#2, 4- 8'	0.5		4.0/4.0	Tan-Brown, fine to medium Sand. Saturated.	Lab sample collected 4-8'.	#00N Silica Sand Filter Sand
	S#3, 8- 12'	0.1		3.0/4.0'	Brown Clay. Hard.		2" PVC, 10 slot screen 3-8'
10 -	12						
-						Boring Terminated at 12'	

Location: **General Comments:** Symbol Key:

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

Apparent Water Level Lab Sample Location



SB-D/OW-21 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 12 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA .: 8 in. WELL DIA .: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 6/3/13 Sampling Method: **Macro Core** Drilling Company: Quality Inspection Services Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) **Acker Soil Scout**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAIL
							4" Steel protective standpipe set in concrete
0-	S#1, 0- 4'	4.1	NA	2.0/4.0	Fill - Brown, Silty Clay, trace to little f-c Sand & f-c Gravel, trace debris, trace organics. Moist		2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
5-	S#2, 4- 8'	4.7		0/4.0'	No Recovery 4-8'. Collected slough from S#3 for field screening, presumed from 4-8 interval. Slough consisted of a mixture of Fill and sand.		#00N Silica Sand Filter Sand
10 -	S#3, 8- 12'	0.4		4.074.0	Brown, Clay, trace Silt. Faint solvent odor. Moist.		2" PVC, 10 slot screen 3-8'
-						Boring Terminated at 12'	

Location: **General Comments:** Symbol Key:

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

Apparent Water Level Lab Sample Location



SB-C/OW-22 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 8 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA .: 8 in. WELL DIA.: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 6/3/13 Sampling Method: Macro Core Drilling Company: Quality Inspection Services Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) **Acker Soil Scout**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0-							4" Steel protective standpipe set in concrete
	S#1, 0- 4'	0.1	NA	4.0/4.0	Brown-gray, Silty Clay, trace organics. Moist. Black, fine to medium Sand, trace Silt. Moist to wet. Grades to tan from 3-4'.		2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
5-	S#2, 4- 8'	0.6		3.0/4.0	Tan, fine to medium Sand. Wet.	Lab sample collected 4-6'.	#00N Silica Sand Filter Sand 2" PVC, 10 slot screen 3-8'
						Boring Terminated at 8'	

Location: **General Comments:** Symbol Key:

Northing/Latitude: ftbg = Feet Below Grade NC = Not Collected Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

Apparent Water Level Lab Sample Location



SB-F/MW-23 p. 1 of 1

2014 Supplemental Site Characterization Report

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 8 ftbg

CASING EL.:

ADDRESS: Wheatfield, New York WATER DEPTH:

JOB NO. 0901536 BOREHOLE DIA .: 12 in. WELL DIA.: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 4/15/14 Sampling Method: Macro Core Drilling Company: TREC Environmental Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) Geoprobe 6620 DT

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0-	S#1, 0- 4'	0.0	NA	75%	Brown, SILT and CLAY, little f.Sand, tr organics. Wet. Tan-brown, f-m SAND, little Silt. Moist to wet.	Lab sample collected 1-3'.	4" Steel protective standpipe set in concrete 2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
5-	S#2, 4-	0.0		100%	Brown, hard CLAY. Moist.	Boring Terminated at 8'	#00N Silica Sand Filter Sand 2" PVC, 10 slot screen 1-6'

Location: **General Comments:**

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark Symbol Key:

Apparent Water Level Lab Sample Location



SB-S/OW-31 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 12 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA .: 12 in. WELL DIA.: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 4/15/14 Sampling Method: **Macro Core** Drilling Company: TREC Environmental Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) Geoprobe 6620 DT

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0 -	S#1, 0- 4' S#2, 4- 8'	0.3	NA	75%	FILL - Brown, Silty CLAY w/Debris. Debris includes metal, plastic, glass. Shiny metallic balls, size of coarse sand. Tan, f-m SAND, tr Silt. Moist Brown, f.Silty SAND. Grades to grey at 6-7 ftbg. Wet. Slight odor observed.	Lab sample collected 0-3' Lab sample collected 4-8'	4" Steel protective standpipe set in concrete 2" PVC riser to approx 2 ft above surface Hydrated bentonite chips #00N Silica Sand Filter Sand
10 -	S#3, 8- 12'	0.0		100%	Grey, f.SAND, tr Silt. Wet.		2" PVC, 10 slot screen 5-10'

Location: **General Comments:** Symbol Key:

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

Apparent Water Level Lab Sample Location



SB-T/OW-32 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 12 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA .: 12 in. WELL DIA.: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 4/16/14 Sampling Method: Macro Core Drilling Company: TREC Environmental Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) Geoprobe 6620 DT

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY COMMEN	COMPLETION DETAILS
0-	S#1, 0- 4'	0.1	NA	50%	FILL - 6" Clayey Silt topcover, over glass, plastic, ash, cinders, sand & gravel, tile, wood. Dry to Moist. Lab sample col 3'	4" Steel protective standpipe set in concrete 2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
5-	S#2, 4- 8'	0.1		90%	Tan-brown, fine SAND. Contains trace seashells (clams) Wet. Grades to f-m Sand at 6 ftbg.	#00N Silica Sand Filter Sand
-	S#3, 8- 12'	0.0		100%		2" PVC, 10 slot screen 4-9'
10 -		0.0			Grey, hard CLAY. Moist. Boring Termina 12'	ted at

Location: **General Comments:** Symbol Key:

Northing/Latitude: ftbg = Feet Below Grade NC = Not Collected Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

Apparent Water Level Lab Sample Location



SB-W/OW-33 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 16 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA .: 12 in. WELL DIA .: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 4/17/14 Sampling Method: **Macro Core** Drilling Company: TREC Environmental Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) Geoprobe 6620 DT

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0-	S#1, 0- 4'	0.3	NA	100%	Brown, Sandy SILT, tr Clay, tr organics. Dry.		4" Steel protective standpipe set in Øo♠₩@eiser to approx 2 ft above surface
5-	S#2, 4- 8'	0.3		100%	Grey-brown, silty f.SAND. Moist. Grey-brown, f-m SAND. Wet-saturated.	Lab sample collected 5-7'	Hydrated bentonite chips
10 -	S#3, 8- 12'	0.4		75%	Grey-brown, silty f.SAND. Moist. Grey-brown, f-m SAND. Wet-saturated.		#00N Silica Sand Filter Sand
-	S#4, 12-16'	0.2		100%			2" PVC, 10 slot screen 7-12'
15 -					Brown, Hard CLAY. Moist.	Boring Terminated at 16'	

Location: **General Comments:** Symbol Key:

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

Apparent Water Level Lab Sample Location



SB-Y/OW-34 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 12 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA .: 12 in. WELL DIA .: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 4/17/14 Sampling Method: **Macro Core** Drilling Company: TREC Environmental Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) Geoprobe 6620 DT

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAIL
0-	S#1, 0- 4'	0.6	NA	75%	Brown, Clayey SILT, tr-little f-c Sand, tr organics, tr brick fragments, tr glass fragments. Dry.		4" Steel protective standpipe set in concrete 2" PVC riser to approx 2 ft above surface
5-	S#2, 4- 8'	1.9		100%	Grey-brown, f-m SAND, tr Silt. Moist to wet. Wet at 6 ftbg.		Hydrated bentonite chips
10 -	S#3, 8- 12'	0.0		80%	Brown, Hard CLAY. Moist.	Lab sample collected 5-7'	#00N Silica Sand Filter Sand 2" PVC, 10 slot screen 4-9'
-						Boring Terminated at 12'	

Location: **General Comments:**

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark Symbol Key:

Apparent Water Level Lab Sample Location



SB-BB/OW-35 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 12 ftbg.

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.: JOB NO. 0901536 BOREHOLE DIA .: 3 in. WELL DIA .:

Logged By: E. Popken Drilling Method: **Direct Push** Dates Drilled: 4/17/14 Sampling Method: **Macro Core** Drilling Company: TREC Environmental, Inc. Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) Geoprobe 6620DT

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0- 4'	9.3	NA	40%	FILL - Brown, Clayey SILT, tr-little debris (glass, metal, plastic, wood), some f-c Sand. Moist. Slight solvent odor.		Hydrated bentonite
5-	S#2, 4- 8'	15.8		10%	Grey, f-m SAND. Wet. Slight solvent odor.	Lab sample collected 4-8'.	#00N Silica Sand
10 -	S#3, 8- 12'	1.2		100%		Boring Terminated at 12 ftbg.	2" PVC, 10 slot screen 4-9'

Location: **General Comments:**

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark Symbol Key:

Apparent Water Level Lab Sample Location



SB-DD/OW-36 p. 1 of 1

SURFACE ELEV.: PROJECT: Nash Rd Landfill, Site #932054 TOTAL DEPTH: 8 ftbg

ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:

JOB NO. 0901536 BOREHOLE DIA.: 12 in. WELL DIA.: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger

Dates Drilled: 4/21/14 Sampling Method: Macro Core Drilling Company: TREC Environmental Soil Class. System: Burmister

Drill Rig Type: Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM) Geoprobe 6620 DT

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0 -	S#1, 0-	0.5	NA	50%	FILL - brown to black, clayey silt w/debris - plastic, metal, glass, cinders. Moist.	Lab sample collected 1-3'.	4" Steel protective standpipe set in concrete 2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
5-	S#2, 4- 8'	0.5		90%	Black-brown, f-m SAND, tr-little clayey Silt. Wet. Brown, hard CLAY. Moist.	Boring Terminated at 8'	#00N Silica Sand Filter Sand 2" PVC, 10 slot screen 1-6'

Location: **General Comments:** Symbol Key:

Northing/Latitude: ftbg = Feet Below Grade Easting/Longitude: NC = Not Collected

Horizontal Datum: Lat/Long

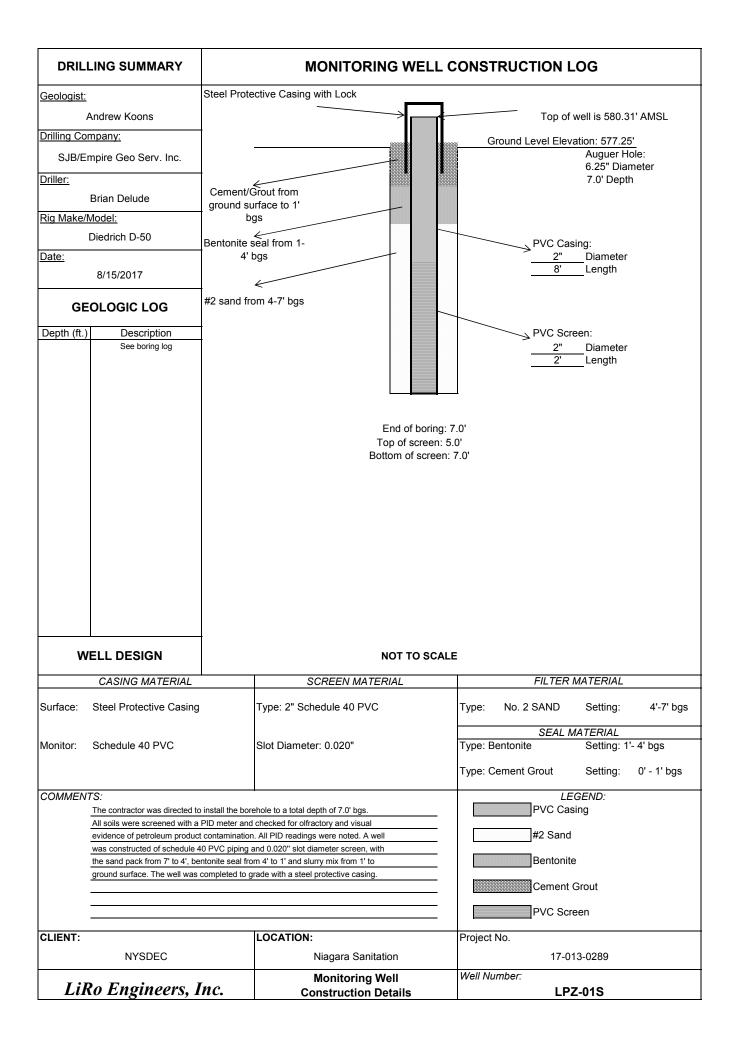
Vertical Datum: Assumed 100 ft. elev. benchmark

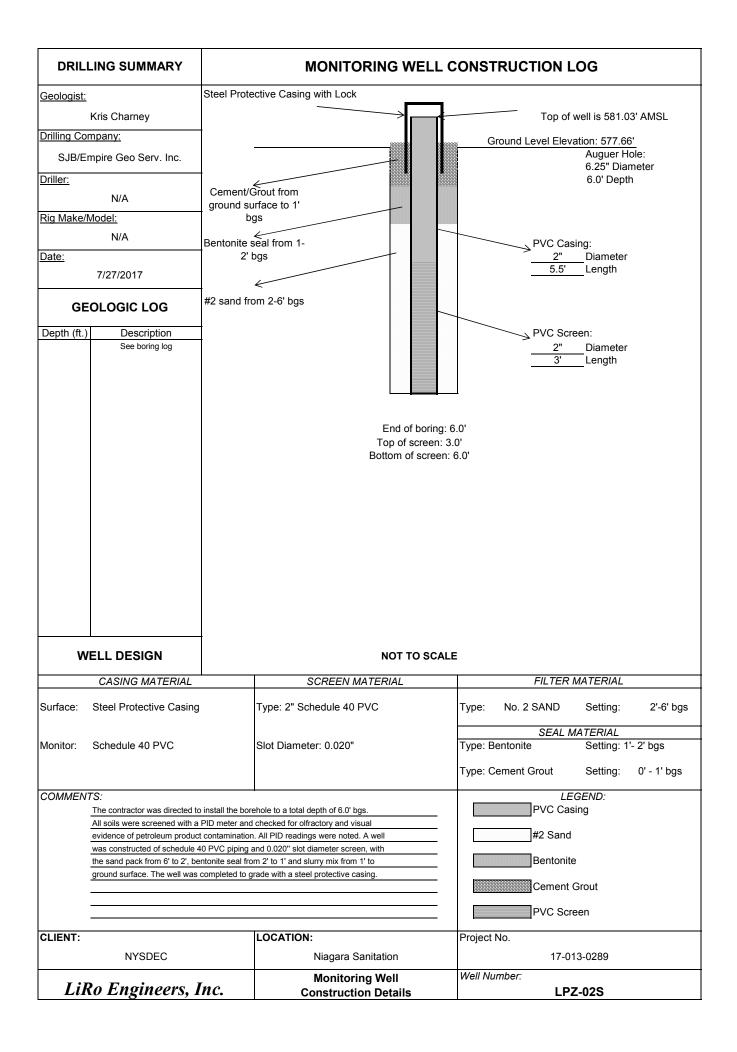
Apparent Water Level Lab Sample Location

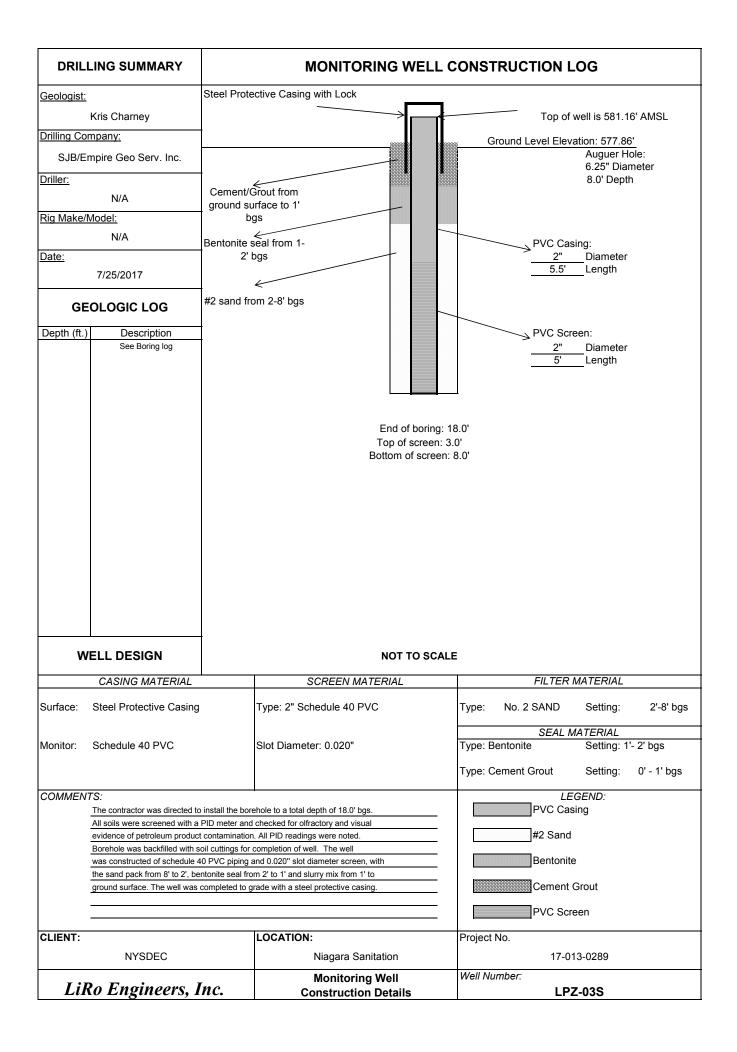


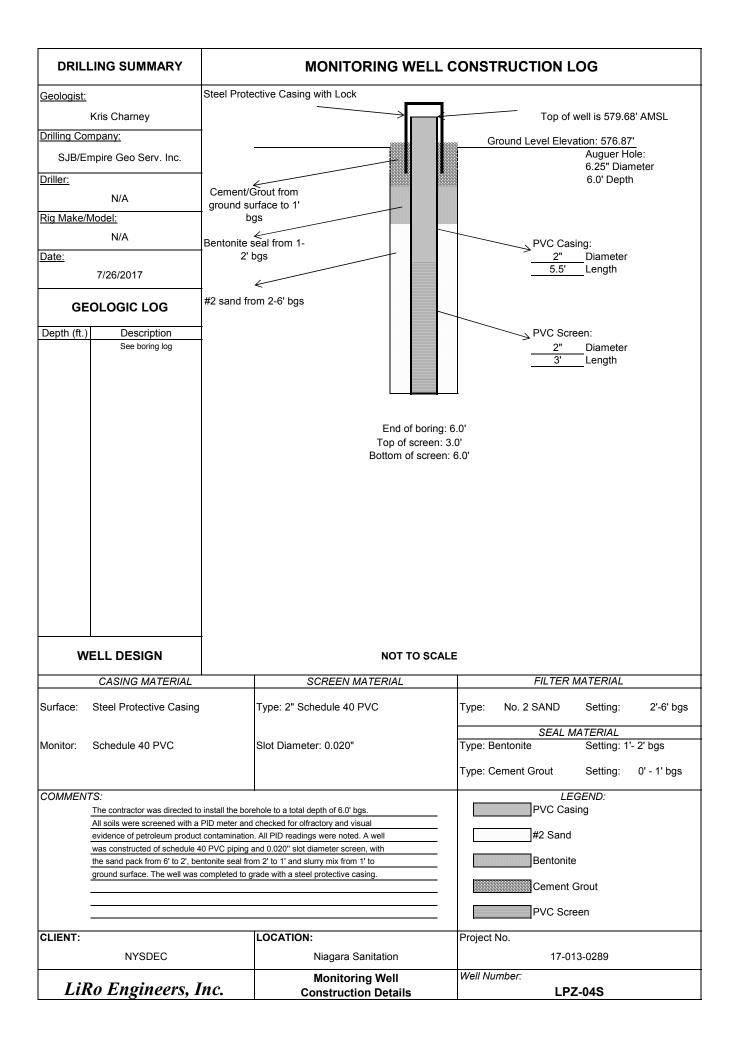
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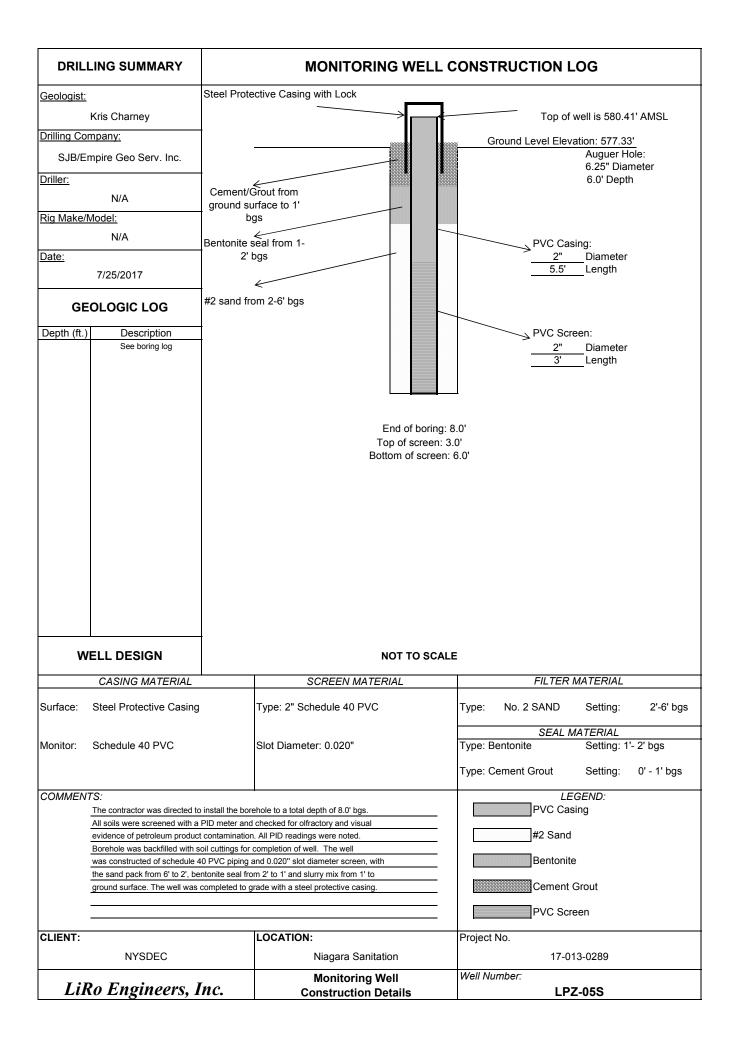
2017 Remedial Investigation

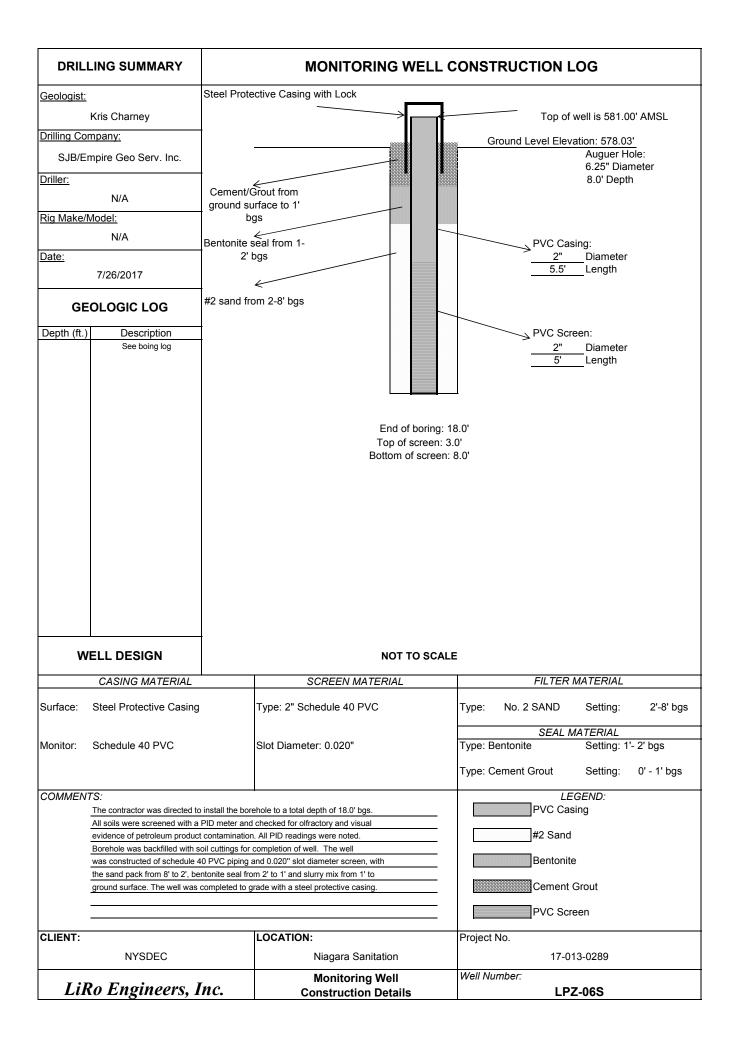


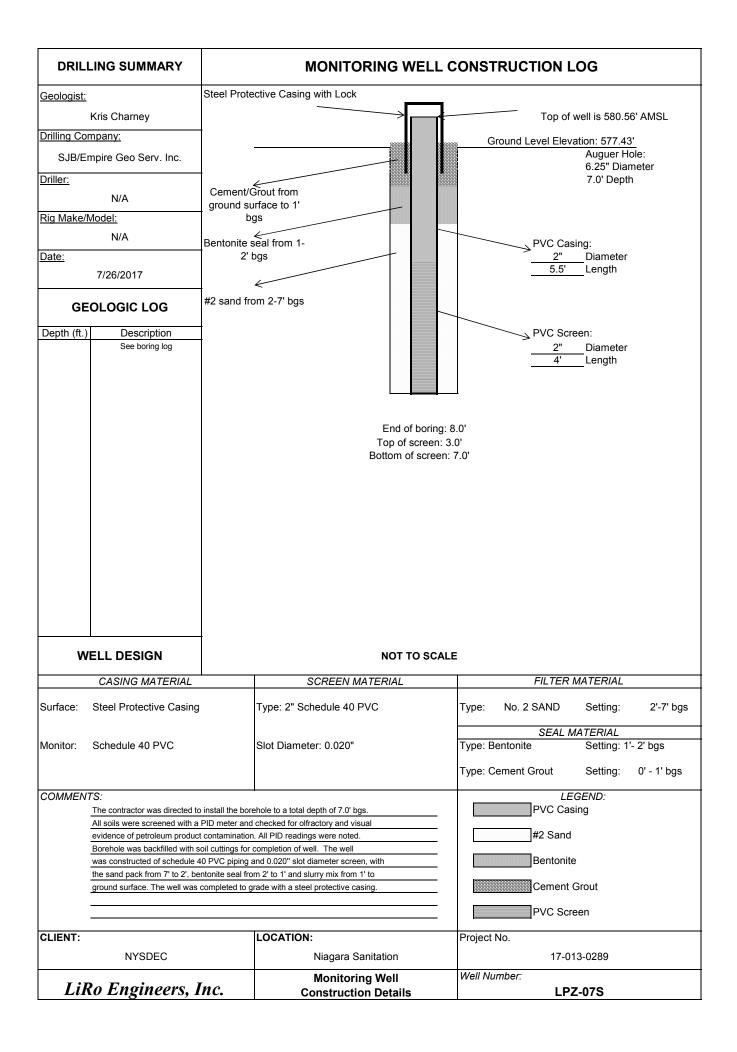


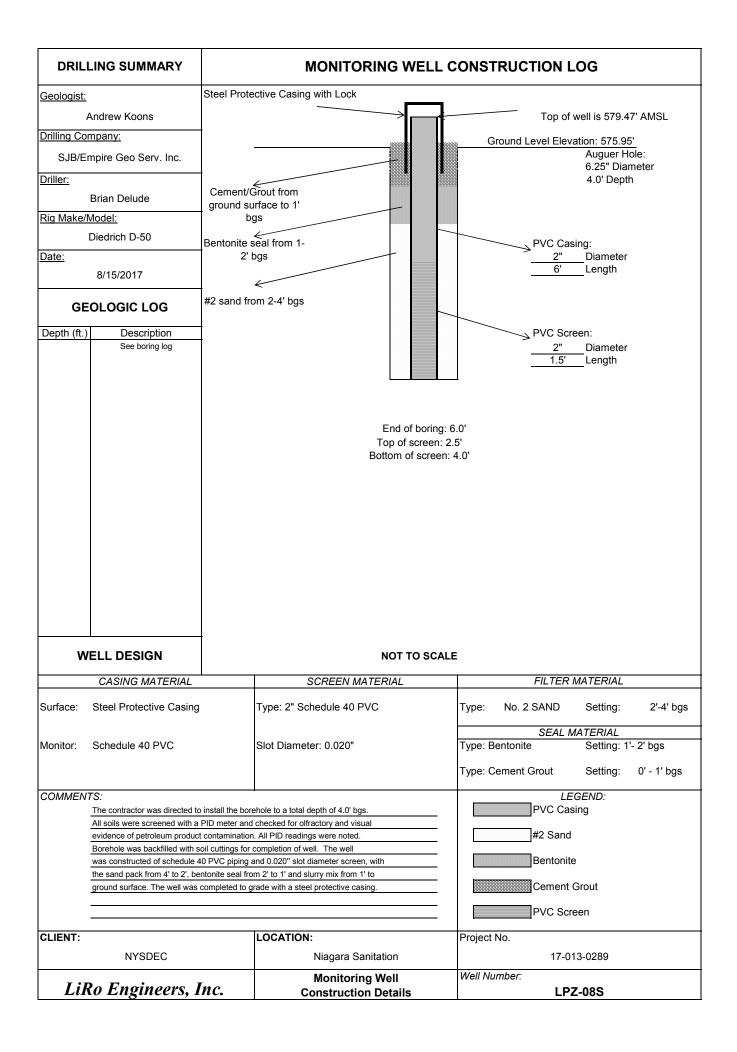


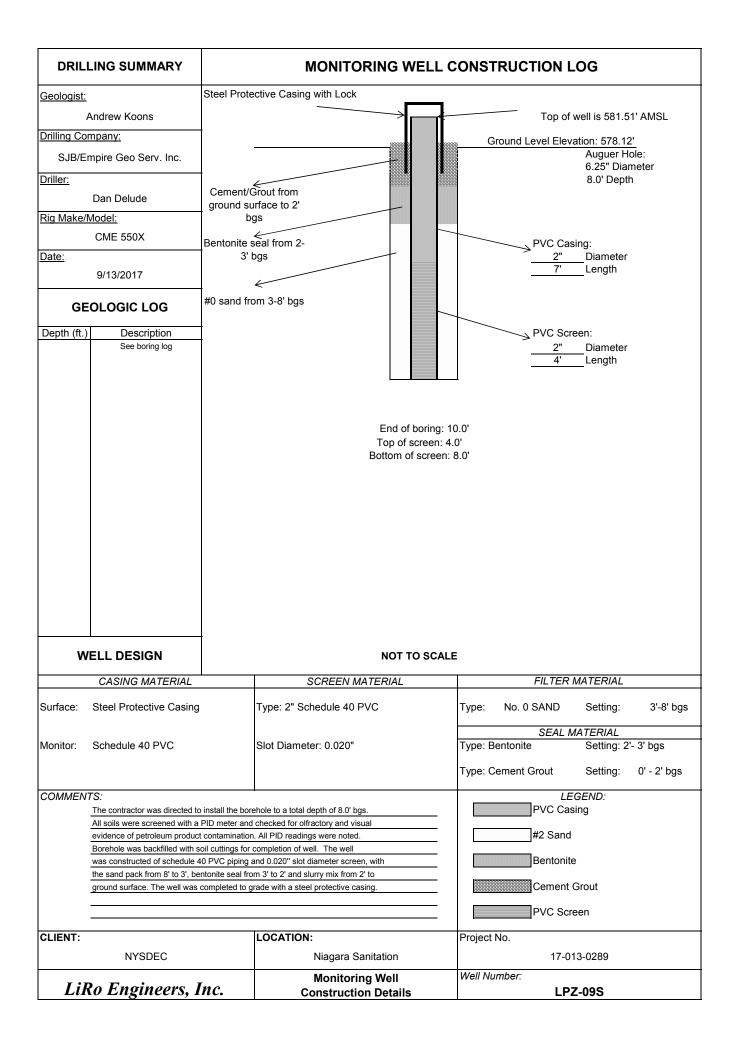


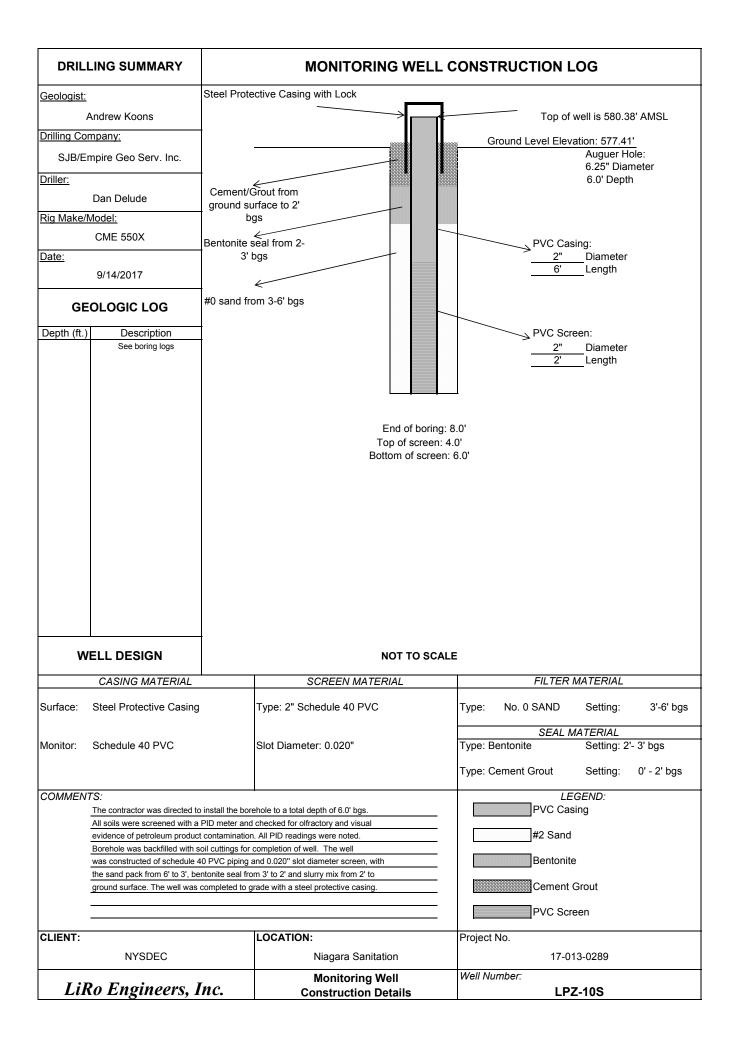


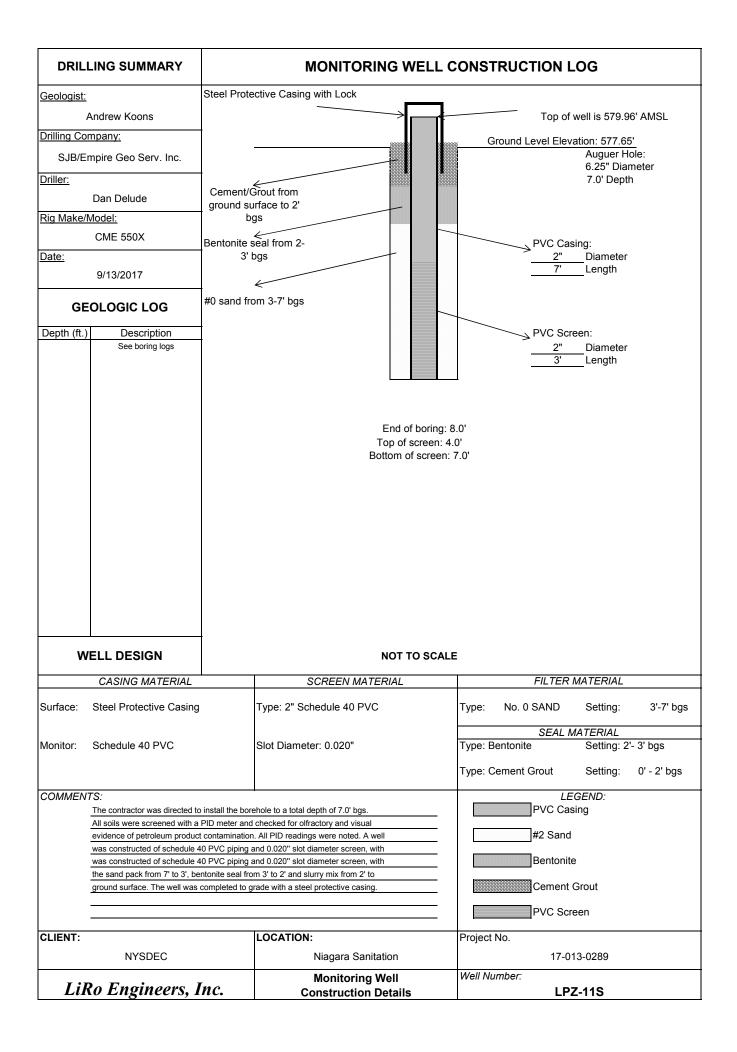


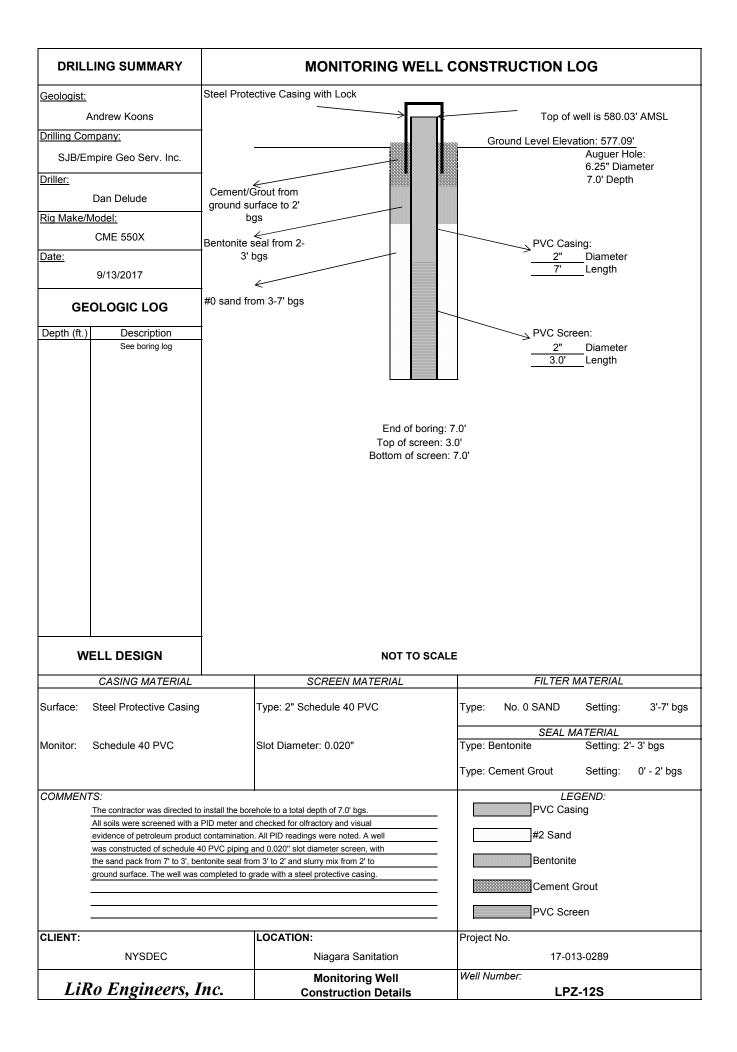


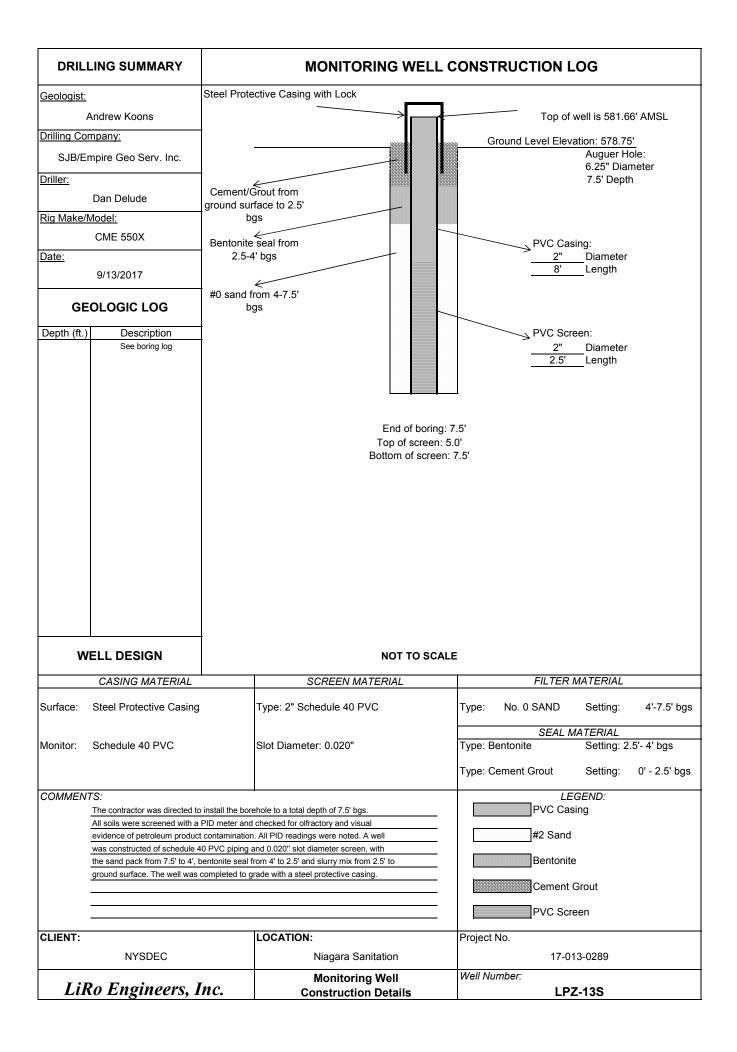


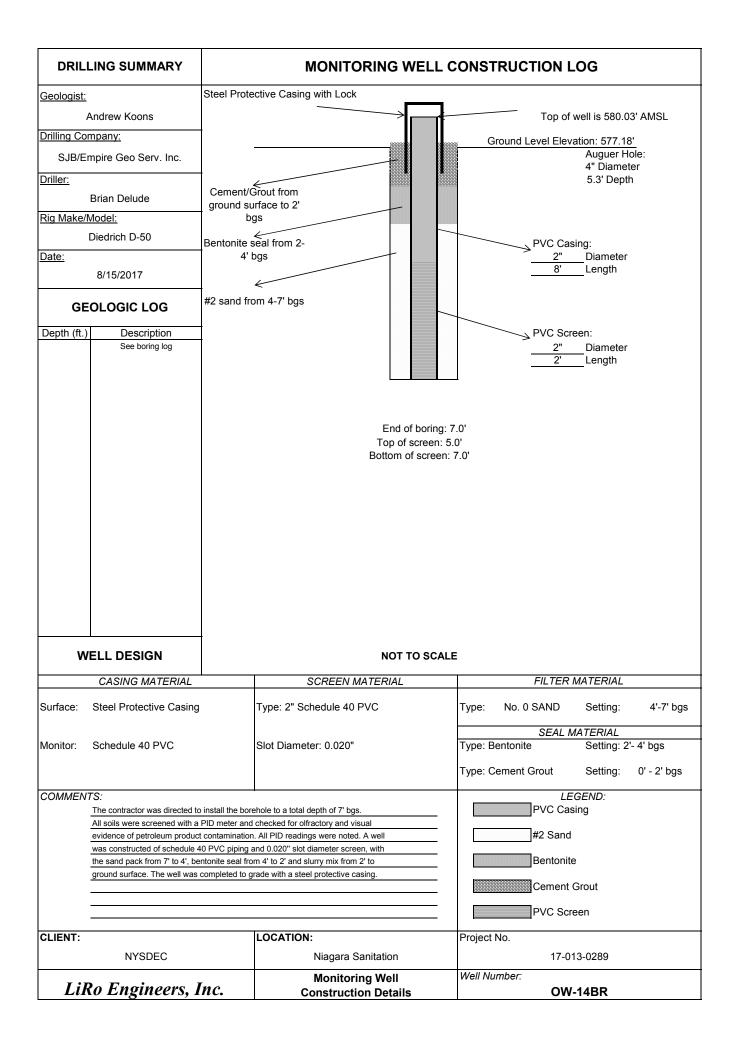


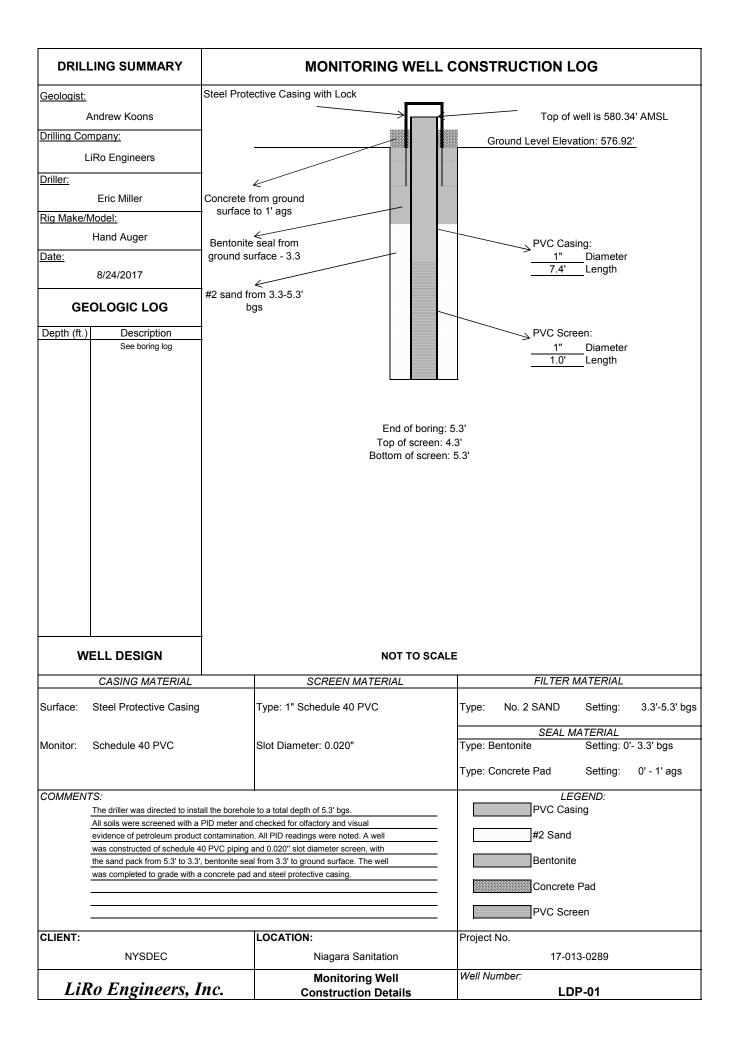


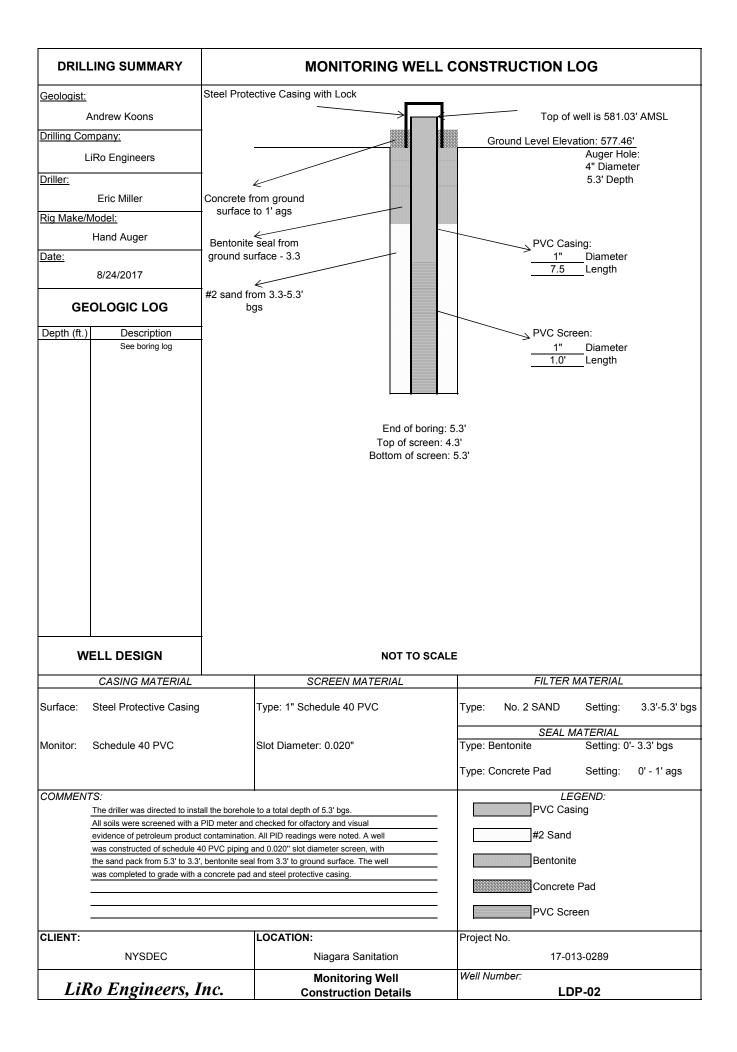


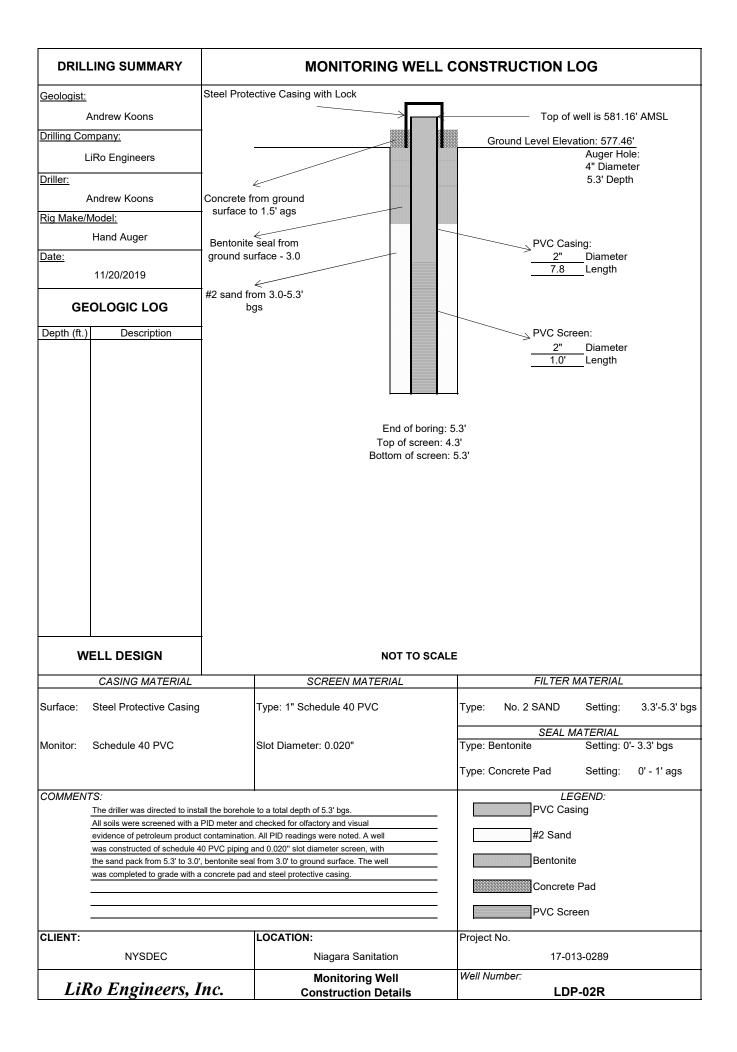


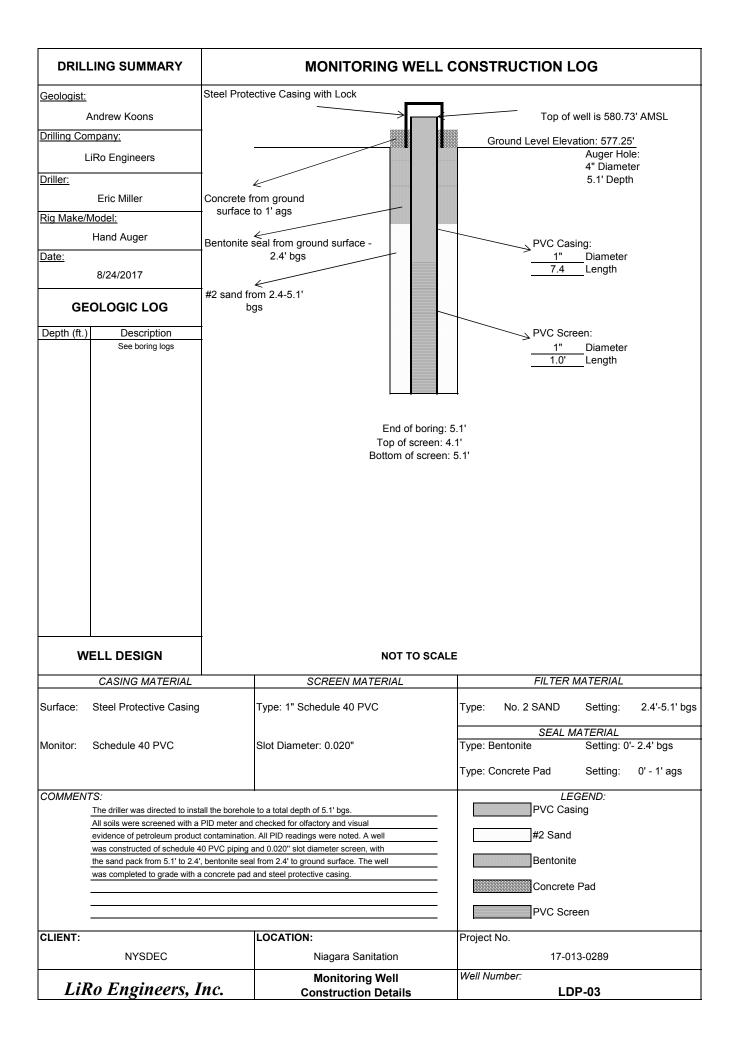


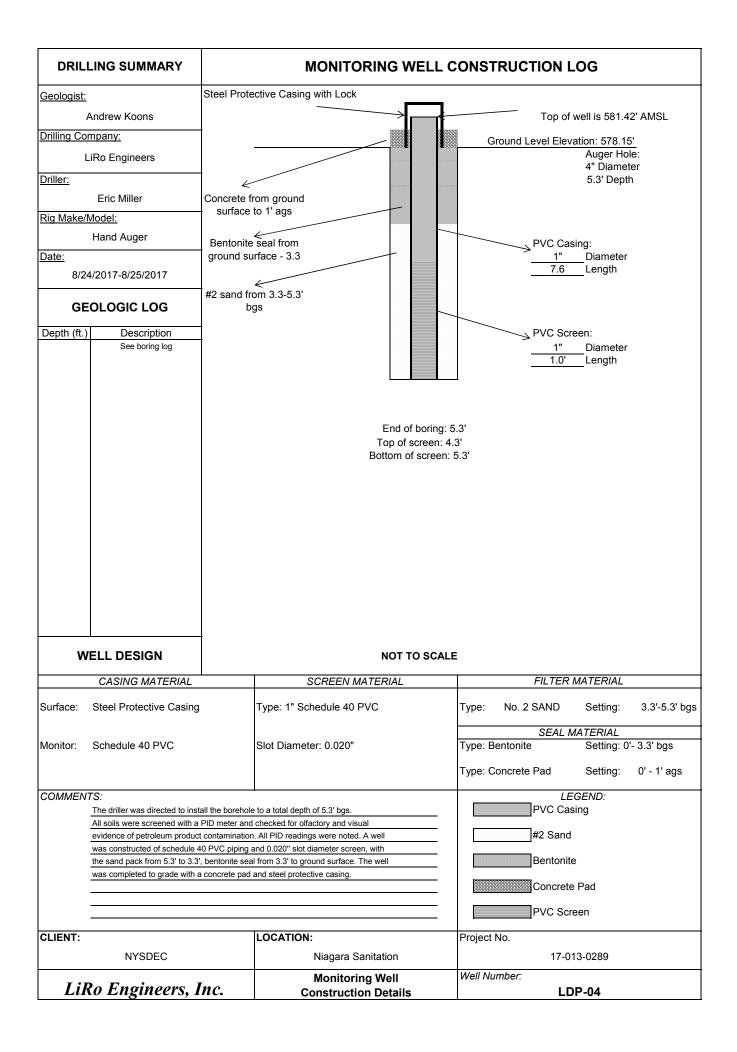












APPENDIX B 2019/2020 GROUNDWATER PURGE AND SAMPLE LOGS

Project Title	:: NYSDEC I	I&R - Niagara	Sanitation	W	ell Number:	OW-01		
Site Name	e: Niagara Sa	nitation - 7415	Nash Rd		Date:	1/9/2020		
	f: BW DH (person who col	llected the sample	. (3)		Time:	12:30 (sample	e collected)	
A). Total ca	sing and scre	en length in fee	et:	11.40		Well ID	Volume (gal/ft)	
B). Water le	evel below top	o of casing in fe	eet:	2.90	(2"	0.04	>
C). Number	of feet standi	ing water [A-B	81:	8.50		3" 4"	0.38 0.66	
						5"	1.04	
D). Volume	of water/foot	t of casing (gal.	.):	0.17		6"	1.50	
E). Volume	of water in ca	asing (gal. [Cxl	D]:	1.445		8"	2.60	
F). Volume	of water to re	emove (gal.) [E	x3]:	4.3				
G). Volume	of water actu	ually removed ((gal.):	1.00				
			I	PURGE DATA	<u> </u>			
Time	Temperature (°C)	; pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
12:00	3.21	7.89	-30	1.170	265.0	5.50	NR	slightly turbid
12:10	2.43	8.12	-53	1.040	118.0	8.70	NR	slightly turbid
		<u> </u>	<u> </u>					
	+	 	 					
	+		 					
	+							
Canta	7 11 11	-1:						
Comments:	Bold reading	gs are sampling p	arameters					
Sampling II	D :OW-01							
Sampling P		☐ CP-51 VOCs	s	☐ Other (list p	arameters below	v)		
(chec	ck one)	☐ CP-51 VOCs	s & SVOCs					
		✓ Full List TCI	L & CP-51 VC)(

Project Title	:: NYSDEC	I&R - Niagara	Sanitation	W	ell Number:	OW-14B		
Site Name	e: <u>Niagara Sa</u>	nitation - 7415	5 Nash Rd		Date:	10/23/2019)	
	f: DS DH (person who col	lected the sample	e)		Time:	14:20 (sample	collected)	
A). Total ca	sing and scre	en length in fe	et:	Not Recorded	d	Well ID	Volume (gal/ft)	
R) Water le	vel below tor	o of casing in f	eet:	5.45	(2"	0.04	
b). Water ic	ver below top	or casing in i	.cci.	J. 1 J		3"	0.38	
C). Number	of feet standi	ing water [A-E	3]:			4"	0.66	
D) 1/1	6	0 . (1		0.15		5"	1.04	
D). Volume	of water/foot	of casing (gal	l.):	0.17		6"	1.50	
E). Volume	of water in ca	asing (gal. [Cx	D]:			8"	2.60	
F). Volume	of water to re	move (gal.) [E	Ex3]:	NA - Low Fl	ow			
				PURGE DAT.	A			
					-	Dissolved		
Time	Temperature (°C)	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Oxygen (mg/L)	Dissolved Oxygen %	Appearance
14:03	14.70	7.69	74	3.430	>1000	9.71	NR	very turbid
14:08	13.72	7.54	-22	3.070	146.0	8.88	NR	slightly turbid
14:13	13.4	7.6	-2	3.130	6.0	7.37	NR	clear
14:18	13.50	7.62	-2	3.150	0.0	10.54	NR	clear
Comments:	Bold reading	gs are sampling p	parameters					
Sampling I	D : OW-14B							
Sampling P	arameters:	□ CP-51 VOC	s	☐ Other (list pa	arameters below	v)		
(chec	ck one)	□ CP-51 VOC	s & SVOCs					
		✓ Full List TC	L & CP-51 VC)(

Project Title	:: NYSDEC	I&R - Niagara	Sanitation	W	ell Number:	OW-14BR		
Site Name	e: <u>Niagara Sa</u>	nitation - 7415	Nash Rd		Date:	10/25/2019	_	
	f: DS DH (person who col	lected the sample	- e)		Time: _	10:45 (sample	collected)	
A). Total ca	sing and scre	en length in fe	et:	9.56		Well ID	Volume (gal/ft)	
B). Water le	evel below top	of casing in f	eet:	6.95		2"	0.04	
Ź	•	· ·				3"	0.38	
C). Number	of feet standi	ng water [A-E	3]:	2.61		4"	0.66	
D). Volume	. Volume of water/foot of casing (gal.):					5" 6"	1.04 1.50	
<i></i>	01 W 000 17 10 0	, e).	0.17		8"	2.60	
E). Volume	of water in ca	asing (gal. [Cx	D]:	0.4437				
F). Volume	of water to re	move (gal.) [E	Ex3]:	NA - Low Fl	ow			
				PURGE DAT.	A			
Time	Temperature (°C)	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:25	12.08	7.81	-33	2.180	0.0	5.80	NR	clear
10:30	12.05	7.73	-37	2.140	0.0	7.06	NR	clear
10:35	12.64	7.6	-24	2.210	0.0	6.88	NR	clear
10:40	12.74	7.52	-16	2.200	0.0	6.29	NR	clear
Comments:	Bold reading	gs are sampling _l	parameters					
Sampling II	D :OW-14BR							
Sampling P	arameters:	□ CP-51 VOC	s	☐ Other (list pa	arameters below			
(chec	ck one)	□ CP-51 VOC	s & SVOCs					
		✓ Full List TC	L & CP-51 VC)(

Project Title	e: NYSDEC l	&R - Niagara	Sanitation	W	ell Number:	OW-16		
Site Name	e: <u>Niagara Sa</u>	nitation - 7415	Nash Rd		Date:	10/24/2019	9-10/25/2019	
	f: DS DH (person who col	lected the sample	- ;)		Time:		collected)	
A). Total ca	sing and scree	en length in fe	et:	12.80		Well ID	Volume (gal/ft)	
B). Water le	evel below top	of casing in f	eet:	9.92	(2"	0.04	
C). Number	of feet standi	ng water [A-B	3]:	2.88		3" 4"	0.38 0.66	
D). Volume	of water/foot	of casing (gal	.):	0.17		5" 6"	1.04	
E). Volume	of water in ca	using (gal. [Cx	D]:	0.4896		8"	2.60	
F). Volume	of water to re	move (gal.) [E	2x3]:	NA - Low Fl	ow			
			1	PURGE DATA	<u> </u>			
Time	Temperature (°C)	pН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
12:15	12.65	7.26	-9	2.770	36.3	8.16	NR	clear
12:20	12.74	7.51	-62	2.810	13.4	7.11	NR	clear
Well purged d	ry then sampled	s are sampling p						
		10/24, Pesticides	and metals sa	impled on 10/25				
Sampling I			_		1 1)		
	Parameters: ck one)	☐ CP-51 VOC	s & SVOCs	☐ Other (list p	arameters belov	w) 		
		✓ Full List TC:	L & CP-51 VC)(

Project Title	: NYSDEC	[&R - Niagara	Sanitation	W	ell Number:	OW-21		
Site Name	e: <u>Niagara S</u> a	nitation - 7415	Nash Rd		Date:	10/23/2019	9-10/24/2019	
	f: DS DH (person who co	lected the sample	.)		Time:		collected)	
A). Total ca	sing and scre	en length in fee	et:	10.19		Well ID	Volume (gal/ft)	
B). Water le	evel below top	of casing in fo	eet:	8.40		2"	0.04	
C). Number	of feet stand	ng water [A-B]:	1.79		3" 4"	0.38 0.66	
D). Volume	of water/foor	of casing (gal	.):	0.17		5" 6"	1.04 1.50	
E). Volume	of water in ca	asing (gal. [Cx]	D]:	0.304		8"	2.60	
F). Volume	of water to re	move (gal.) [E	x3]:	NA - Low Fl	ow			
G). Volume	of water acti	ally removed (gai.).					
	ı	_	F	PURGE DATA	1			
Time	Temperature (°C)	pН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Oxygen (mg/L)	Dissolved Oxygen %	Appearance
11:02	13.54	7.49	-27	2.990	101.0	17.00	NR	slightly turbid
11:07	13.11	7.28	-39	2.890	737.0	14.81	NR	very turbid
		s are sampling p 10/23, Pesticides		etals sampled on 1	0/24			
Sampling II	D :OW-21							
Sampling P		☐ CP-51 VOCs	S	☐ Other (list pa	arameters belo	w)		
(chec	(check one) ☐ CP-51 VOCs & SVOCs							
		✓ Full List TCl	L & CP-51 VC)(

Project Title:	NYSDEC 1	&R - Niagara	Sanitation	W	ell Number:	OW-31		
Site Name:	Niagara Sa	nitation - 7415	Nash Rd		Date:	1/9/2020		
	BW DH person who col	lected the sample))		Time:	11:30 (sample	collected)	
A). Total casi	ng and scree	en length in fee	t:	8.40		Well ID	Volume (gal/ft)	
B). Water lev	el below top	of casing in fe	eet:	3.80	(1" 2"	0.04	
C). Number o	f feet standi	ng water [A-B]]:	4.60		3" 4"	0.38 0.66	
D). Volume o	f water/foot	of casing (gal.):	0.17		5" 6"	1.04 1.50	
E). Volume o	f water in ca	sing (gal. [CxI	D]:	0.782		8"	2.60	
F). Volume o	f water to re	move (gal.) [Ex	x3]:	2.35				
G). Volume o	f water actu	ally removed (gal.):	1.00				
			p	URGE DATA	1			
					x	Dissolved		
Time	Temperature (°C)	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Oxygen (mg/L)	Dissolved Oxygen %	Appearance
11:00	0.42	7.29	-10	0.509	558.0	0.00	NR	turbid
11:20	1.52	8.12	-53	0.484	475.0	11.70	NR	turbid
							<u> </u>	
Comments:	Bold reading	s are sampling p	arameters					
Sampling ID	OW-31							
Sampling Pa		☐ CP-51 VOCs		☐ Other (list p	arameters below	7)		
(check		☐ CP-51 VOCs		` 1		•		
		✓ Full List TCL		(

Project Title	:: NYSDEC	I&R - Niagara	Sanitation	W	ell Number:	OW-35		
Site Name	e: <u>Niagara Sa</u>	nitation - 7415	Nash Rd		Date:	10/24/2019)	
	f: DS DH (person who col	llected the sample)		Time:	13:40 (sample	collected)	
A). Total cas	sing and scree	en length in fee	et:	12.30		Well ID	Volume (gal/ft)	
B). Water le	vel below top	o of casing in fe	eet:	8.48		2"	0.04	
C). Number	of feet standi	ing water [A-B]:	3.82		3" 4"	0.38 0.66	
		t of casing (gal.		0.17		5" 6"	1.04	
E). Volume	of water in ca	asing (gal. [Cxl	D]:	0.649		8"	2.60	
F). Volume	of water to re	emove (gal.) [E	x3]:	NA - Low Fl	ow			
				PURGE DATA	A			
Time	Temperature (°C)	рH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:50	12.04	7.43	-50	2.280	>1000	9.80	NR	very turbid
10:55	12.20	7.30	-82	2.190	32.0	9.15	NR	clear
11:00	1222	7.55	-65	2.180	27.7	9.69	NR	clear
	-							
Comments:	Bold reading	gs are sampling p	arameters					
Sampling II	D:OW-35							

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ CP-51 VOCs & SVOCs

✓ Full List TCL & CP-51 VOC

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: OW-36 Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/24/2019 Staff: DS DH Time: (person who collected the sample) (sample collected) A). Total casing and screen length in feet: 10.30 Well ID Volume (gal/ft) 0.04 B). Water level below top of casing in feet: 7.54 0.17 3" 0.38 C). Number of feet standing water [A-B]: 2.76 4" 0.66 1.04 D). Volume of water/foot of casing (gal.): 0.17 1.50 2.60 E). Volume of water in casing (gal. [CxD]: 0.469 F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow G). Volume of water actually removed (gal.): **PURGE DATA** Dissolved ORP Temperature Conductivity **Turbidity** Oxygen Dissolved (mV) (NTU) Oxygen % Time (°C) (ms/cm) (mg/L)pН Appearance 11:22 12.06 7.17 -45 1.420 67.2 5.50 NR clear 11:27 12.06 7.13 -93 1.470 5.9 7.13 NR clear 11:32 12.08 7.21 -87 1.530 5.2 6.88 NR clear 11:40 12.20 7.04 -84 1.560 30.3 11.06 NR clear **Comments:** Bold readings are sampling parameters Well purged dry then sampled. Sulfur odor noted. Sampling ID: OW-36

☐ Other (list parameters below)

Project Title	e: NYSDEC	I&R - Niagara	Sanitation	W	ell Number:	OW-37		
Site Nam	e: Niagara Sa	nitation - 7415	Nash Rd		Date:	10/25/2019)	
	f: DS DH (person who co	llected the sample	. .)		Time:	12:00 (sample	collected)	
A). Total ca	sing and scre	en length in fe	et:	8.80		Well ID	Volume (gal/ft)	
B). Water le	evel below to	o of casing in f	eet:	7.00		2"	0.04	
	-	_				3"	0.38	
C). Number	of feet stand	ing water [A-B	3]:	1.80		4" 5"	0.66	
D). Volume	of water/foot	t of casing (gal	.):	0.17		5" 6"	1.04 1.50	
<i>2)</i> : (01 // 4101/100	or cusing (gar	•)•	0.17		8"	2.60	
E). Volume	of water in ca	asing (gal. [Cx	D]:	0.306				
F). Volume	of water to re	emove (gal.) [E	£x3]:	NA - Low Fl	ow			
		ally removed (
	1			PURGE DATA	A	Dissolved		
Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:00	11.49	7.54	19	2.120	16.6	9.84	NR	clear
10:05	11.45	7.46	-70	2.010	0.0	13.03	NR	clear
		<u> </u>	<u> </u>					
	Bold reading ry then sampled	gs are sampling p	oarameters					
Sampling I	D :OW-37							
Sampling P	arameters:	☐ CP-51 VOC	s	☐ Other (list pa	arameters below	·)		
(chec	ck one)	☐ CP-51 VOC	s & SVOCs					
		✓ Full List TC	L & CP-51 VC)(

(sample collected)

1.04

2.60

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: LPZ-01S

Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/23/2019

Staff: DS DH Time: 14:45

(person who collected the sample)

A). Total casing and screen length in feet: 9.94 Well ID Volume (gal/ft)

B). Water level below top of casing in feet: 5.98 1" 0.04

3" 0.38 C). Number of feet standing water [A-B]: 3.96 4" 0.66

D). Volume of water/foot of casing (gal.): 0.17 6" 1.50

E). Volume of water in casing (gal. [CxD]: 0.673

F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow

G). Volume of water actually removed (gal.):

	PURGE DATA										
Time	Temperature (°C)	pН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance			
14:37	13.59	7.42	28	2.140	0.0	6.03	NR	clear			
14:42	13.56	7.48	9	2.070	0.0	8.81	NR	clear			
14:47	13.50	7.5	3	2.070	0.0	9.88	NR	clear			
14:52	13.50	7.56	-1	2.080	0.0	7.27	NR	clear			

Comments: Bold readings are sampling parameters

MS/MSD sample taken at this location

Sulfur odor noted.

Sampling ID: LPZ-01S

Sampling Parameters: □ CP-51 VOCs □ Other (list parameters below)

(check one) ☐ CP-51 VOCs & SVOCs

☑ Full List TCL & CP-51 VOC

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: LPZ-03S Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/22/2019 Staff: DS Time: (person who collected the sample) (sample collected) A). Total casing and screen length in feet: 10.74 Well ID Volume (gal/ft) 0.04 B). Water level below top of casing in feet: 8.63 0.17 3" 0.38 C). Number of feet standing water [A-B]: 2.11 4" 0.66 1.04 D). Volume of water/foot of casing (gal.): 0.17 1.50 2.60 E). Volume of water in casing (gal. [CxD]: 0.359 F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow G). Volume of water actually removed (gal.): **PURGE DATA** Dissolved ORP Temperature Conductivity **Turbidity** Oxygen Dissolved (mV) (NTU) (mg/L)Oxygen % Time (°C) (ms/cm) pН Appearance 8:17 14.48 6.97 -3 1.370 0.0 12.56 NR clear 15.03 -9 8:23 6.85 1.390 0.0 3.94 NR clear 8:28 14.82 6.89 -14 1.400 0.0 4.84 NR clear **Comments:** Bold readings are sampling parameters Duplicate sample taken at this location Well purged dry then sampled. Sampling ID: LPZ-03S **Sampling Parameters:** □ CP-51 VOCs ☐ Other (list parameters below) (check one) ☐ CP-51 VOCs & SVOCs ✓ Full List TCL & CP-51 VOC

Project Title	:: NYSDEC	I&R - Niagara	Sanitation	W	ell Number:	LPZ-04S		
Site Name	e: <u>Niagara Sa</u>	nitation - 7415	Nash Rd		Date:	10/22/2019)	
	f: DS (person who co	lected the sample	- e)		Time:	14:00 (sample	collected)	
A). Total ca	sing and scre	en length in fe	et:	9.06		Well ID	Volume (gal/ft)	
B). Water le	vel below to	o of casing in f	eet:	6.55		2"	0.04	
,	1	8				3"	0.38	
C). Number	of feet stand	ing water [A-B	3]:	2.51		4"	0.66	
D) Volume	of water/foot	of casing (gal	١.	0.17		5" 6"	1.04 1.50	
D). Volume	or water/100	of casing (gai).	0.17		8"	2.60	
E). Volume	of water in ca	asing (gal. [Cx	D]:	0.427				
F). Volume	of water to re	move (gal.) [E	Ex3]:	NA - Low Fl	ow			
				PURGE DAT.	A			
						Dissolved		
Time	Temperature (°C)	pН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Oxygen (mg/L)	Dissolved Oxygen %	Appearance
13:23	15.80	7.18	122	4.510	113.0	13.55	NR	clear
13:40	15.44	7.30	114	4.650	68.0	13.32	NR	clear
13:50	15.53	7.43	100	4.510	7.8	11.47	NR	clear
	-							
			l					
Comments:	Bold reading	gs are sampling p	parameters					
Sampling I	D:LPZ-04S							
Sampling P	arameters:	□ CP-51 VOC	s	☐ Other (list p	arameters below	<u> </u>		
(chec	(check one) ☐ CP-51 VOCs & SVOCs							
		✓ Full List TC	L & CP-51 VC)(

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: LPZ-05S Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/22/0219 Staff: DS DH Time: (person who collected the sample) (sample collected) A). Total casing and screen length in feet: 9.19 Well ID Volume (gal/ft) 0.04 B). Water level below top of casing in feet: 7.24 0.17 3" 0.38 C). Number of feet standing water [A-B]: 1.95 4" 0.66 1.04 D). Volume of water/foot of casing (gal.): 0.17 1.50 2.60 E). Volume of water in casing (gal. [CxD]: 0.332 F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow G). Volume of water actually removed (gal.): **PURGE DATA** Dissolved ORP Temperature Conductivity **Turbidity** Oxygen Dissolved (mV) (ms/cm) (NTU) (mg/L)Oxygen % Time (°C) pН Appearance 14:08 15.23 7.04 2 2.660 2.7 4.14 NR clear 14:20 14.98 7.16 -35 2.480 41.6 6.29 NR clear 14:30 15.07 7.40 17 2.510 18.9 12.36 NR clear **Comments:** Bold readings are sampling parameters Well purged dry then sampled. Sampling ID: LPZ-05S Sampling Parameters: ☐ CP-51 VOCs ☐ Other (list parameters below) (check one) ☐ CP-51 VOCs & SVOCs ✓ Full List TCL & CP-51 VOC

0.04

0.17

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: LPZ-06S

Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/23/2019

Staff: DS DH Time:

(person who collected the sample) (sample collected)

A). Total casing and screen length in feet: 10.88 Well ID Volume (gal/ft)

B). Water level below top of casing in feet: 6.35

3" 0.38 C). Number of feet standing water [A-B]: 4.53 4" 0.66 1.04

D). Volume of water/foot of casing (gal.): 0.17 1.50 2.60

E). Volume of water in casing (gal. [CxD]: 0.770

F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow

G). Volume of water actually removed (gal.):

	PURGE DATA											
Time	Temperature (°C)	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance				
8:28	12.35	7.02	115	1.550	3.9	7.31	NR	clear				
8:33	12.33	6.93	111	1.560	0.0	15.97	NR	clear				
8:38	12.27	7.2	109	1.580	0.0	15.75	NR	clear				
8:43	12.61	7.18	104	1.610	4.4	11.03	NR	clear				
8:48	12.85	7.31	102	1.620	39.9	14.80	NR	clear				

Comments: Bold readings are sampling parameters

MS/MSD sample taken at this location

Sampling ID: LPZ-06S

Sampling Parameters: ☐ CP-51 VOCs ☐ Other (list parameters below)

(check one)

☐ CP-51 VOCs & SVOCs

✓ Full List TCL & CP-51 VOC

0.04

0.17

1.04

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: LPZ-08S

Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/25/2019

Staff: DS DH Time:

(person who collected the sample) (sample collected)

A). Total casing and screen length in feet: 7.20 Well ID Volume (gal/ft)

B). Water level below top of casing in feet: 5.50

3" 0.38 C). Number of feet standing water [A-B]: 1.70 4" 0.66

D). Volume of water/foot of casing (gal.): 0.17 1.50 2.60

E). Volume of water in casing (gal. [CxD]: 0.289

F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow

G). Volume of water actually removed (gal.):

	PURGE DATA										
Time	Temperature (°C)	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance			
10:03	12.50	6.86	-23	4.770	205.0	8.18	NR	slightly turbid			
10:08	12.84	7.10	-71	4.140	1.5	11.45	NR	clear			
10:15	12.79	7.1	-58	4.150	0.0	5.91	NR	clear			
10:18	12.99	6.92	-53	4.170	0.0	5.91	NR	clear			

Comments: Bold readings are sampling parameters

MS/MSD sample taken at this location

Sulfur odor noted.

Sampling ID: LPZ-08S

Sampling Parameters: ☐ CP-51 VOCs ☐ Other (list parameters below)

(check one)

☐ CP-51 VOCs & SVOCs

✓ Full List TCL & CP-51 VOC

1.04

2.60

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: LPZ-11S

Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/24/2019

Staff: DS DH Time: 10:15

(person who collected the sample) (sample collected)

A). Total casing and screen length in feet:	9.80	Well ID	Volume (gal/ft)
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B). Water level below top of casing in feet: 5.90 1" 0.04

3" 0.38 C). Number of feet standing water [A-B]: 3.90 4" 0.66

D). Volume of water/foot of casing (gal.): 0.17 6" 1.50

E). Volume of water in casing (gal. [CxD]: 0.663

F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow

G). Volume of water actually removed (gal.):

PURGE DATA										
	Dissolved									
	Temperature		ORP	Conductivity	Turbidity	Oxygen	Dissolved			
Time	(°C)	рН	(mV)	(ms/cm)	(NTU)	(mg/L)	Oxygen %	Appearance		
9:52	12.52	7.79	135	1.300	2.0	8.18	NR	very turbid		
9:57	12.65	7.61	134	1.470	0.0	8.80	NR	turbid		
10:02	12.74	7.6	118	1.490	0.0	10.88	NR	clear		
10:07	12.74	7.57	96	1.480	0.0	11.69	NR	clear		
10:12	12.74	7.55	70	1.490	0.0	14.43	NR	clear		

Comments:	Bold read	lings are sam _l	pling para	meters
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Duplicate sample taken at this location.

Sampling ID: LPZ-11S

Sampling Parameters: □ CP-51 VOCs □ Other (list parameters below)

(check one) ☐ CP-51 VOCs & SVOCs

☑ Full List TCL & CP-51 VOC

Project Title: NYSDEC I&R - Niagara Sanitation Well Number: LPZ-12S Site Name: Niagara Sanitation - 7415 Nash Rd Date: 10/25/2019 Staff: DS DH Time: (person who collected the sample) (sample collected) A). Total casing and screen length in feet: 10.00 Well ID Volume (gal/ft) 0.04 B). Water level below top of casing in feet: 6.02 0.17 3" 0.38 C). Number of feet standing water [A-B]: 3.98 4" 0.66 1.04 D). Volume of water/foot of casing (gal.): 0.17 1.50 2.60 E). Volume of water in casing (gal. [CxD]: 0.6766 F). Volume of water to remove (gal.) [Ex3]: NA - Low Flow G). Volume of water actually removed (gal.): **PURGE DATA** Dissolved ORP Temperature Conductivity **Turbidity** Oxygen Dissolved (mV) (ms/cm) (NTU) Oxygen % Time (°C) (mg/L) pН Appearance 9:00 9.64 7.70 44 1.640 >1000 7.99 NR very turbid 9:15 10.45 7.43 1.150 469.0 8.65 NR turbid -61 9:20 10.31 7.4 -66 1.510 55.8 8.80 NR clear 9:25 11.13 7.26 -80 1.520 20.6 13.09 NR clear **Comments:** Bold readings are sampling parameters Duplicate sample taken at this location. Sampling ID: LPZ-12S Sampling Parameters: ☐ CP-51 VOCs ☐ Other (list parameters below) (check one) ☐ CP-51 VOCs & SVOCs ✓ Full List TCL & CP-51 VOC

Project Title	: NYSDEC	&R - Niagara	Sanitation	W				
Site Name: Niagara Sanitation - 7415 Nash Rd				Date:	10/23/2019)		
Staff: DS DH (person who collected the sample)					Time: 15:20 (sam			
A). Total cas	sing and scre	en length in fe	et:	8.36		Well ID	Volume (gal/ft) 0.04	
B). Water lev	vel below top	of casing in f	eet:	4.78		2"	0.04	
C). Number of feet standing water [A-B]:			3.58		3" 4" 5"	0.38 0.66 1.04		
D). Volume	of water/foot	of casing (gal	.):	0.04		6"	1.50	
E). Volume (of water in ca	sing (gal. [Cx	D]:	0.1432		8"	2.60	
F) Volume (of water to re	move (gal.) [E	₹x31•	NA - Low Fl	ow			
		ν- / -	_	TVI LOW I	.ow			
G). Volume	of water actu	ally removed ((gal.):					
			-	PURGE DAT	<u>A</u>			
Time	Temperature	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
1:40	13.96	8.09	74	1.910	527.0	16.12	NR	slightly turbid
Comments: Well purged dr		s are sampling p	parameters					
Sampling II) :LDP-01							
Sampling Pa		☐ CP-51 VOC	s	☐ Other (list p	arameters below	·)		
(chec	k one)	☐ CP-51 VOC	s & SVOCs					
✓ Full List TCL & CP-51 VC)(

Project Title:	roject Title: NYSDEC I&R - Niagara Sanitation Well Number: LDP-02R							
Site Name:	Niagara Sa	nitation - 7415	Nash Rd		Date:	1/9/2020		
Staff: BW DH (person who collected the sample)			Time: 10:30 (sample collected)					
A). Total casi	ng and scre	en length in fee	t:	8.82		Well ID	Volume (gal/ft)	
B). Water level below top of casing in feet:			4.59	(2"	0.04		
C). Number o	of feet standi	ng water [A-B]]:	4.23		3" 4"	0.38 0.66	
D). Volume o	of water/foot	of casing (gal.):	0.17		5" 6"	1.04 1.50	
E). Volume o	f water in ca	sing (gal. [CxI	D]:	0.719		8"	2.60	
F). Volume o	f water to re	move (gal.) [E	x3]:	2.16				
G). Volume o	of water actu	ally removed (gal.):	1.00				
ŕ		·	- ,					
				DIDGE DAT	1			
	<u> </u>	1	r	PURGE DATA	4	Dissolved		
Time	Temperature (°C)	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:00	-1.14	8.10	40	0.595	303.0	16.40	NR	slightly turbid
10:20	-0.64	7.06	106	0.463	282	0	NR	slightly turbid
	ı						<u> </u>	
Comments:	Bold reading	s are sampling p	arameters					
Sampling ID	:LDP-02R							
Sampling Pa		☐ CP-51 VOCs		☐ Other (list p	arameters below	v)		
(check		☐ CP-51 VOCs	& SVOCs	` 1				
✓ Full List TCL & CP-51 VC								

Project Title:	NYSDEC 1	&R - Niagara	Sanitation	W				
Site Name: Niagara Sanitation - 7415 Nash Rd Staff: DS DH (person who collected the sample)								
					Time:	15:00 (sample collected)		
A). Total cas	ing and scre	en length in fe	et:	7.75		Well ID	Volume (gal/ft) 0.04	
B). Water lev	vel below top	of casing in f	eet:	7.03		2"	0.17	
C). Number (C). Number of feet standing water [A-B]:			0.72		3" 4" 5"	0.38 0.66 1.04	
D). Volume o	of water/foot	of casing (gal	.):	0.04		6"	1.50	
E). Volume o	of water in ca	using (gal. [Cx	Dl:	0.0288		8"	2.60	
F). Volume o	of water to re	move (gal.) [E	[x3]:	NA - Low Fl	ow			
o). Volume (or water acts	ally removed ((Sui.).					
				PURGE DAT	A			
Time	Temperature (°C)	рН	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
9:30	12.41	8.33	124	1.180	>1000	13.20	NR	turbid
Comments: Only enough wa		s are sampling pamples	oarameters					
Sampling ID	LDP-03							
Sampling Pa	rameters:	☐ CP-51 VOC	s	☐ Other (list p	arameters below)		
(check	(one)	□ CP-51 VOC	s & SVOCs					
☑ Full List TCL & CP-51 VC)(

Project Title	: NYSDEC	I&R - Niagara	Sanitation	W				
Site Name: Niagara Sanitation - 7415 Nash Rd								
Staff: A. Koons, D. Henson					collected)			
A). Total cas	sing and scre	en length in fe	et:	8.62		Well ID	Volume (gal/ft)	
B). Water level below top of casing in feet:			4.90		2"	0.04		
C). Number	of feet standi	ing water [A-B	B]:	3.72		3" 4"	0.38 0.66	
D). Volume of water/foot of casing (gal.):			.):	0.04		5" 6"	1.04 1.50	
E). Volume	of water in ca	asing (gal.) [Ca	xD]:	0.15		8"	2.60	
F). Volume of water to remove (gal.) [Ex3]:			0.45					
G). Volume	of water actu	ally removed ((gal.):	0.50				
			,	PURGE DAT	A			
	Temperature		ORP	Conductivity	Turbidity	Dissolved Oxygen	Dissolved	
Time	(°C)	pH	(mV)	(ms/cm)	(NTU) 97	(mg/L) 14.36	Oxygen %	Appearance
14:57	6.34	7.30	-110	1.36	91	14.30	NR	clear
	l		<u>I</u>					
Comments: Bold readings	are sampling p	parameters						
Sampling II):LDP-04							
Sampling Pa		☐ CP-51 VOC	s	☐ Other (list p	arameters below	v)		
	k one)	□ CP-51 VOC	s & SVOCs					
☐ Full List TCL & CP-51 V)(-	