Appendix E Groundwater Monitoring Well Sampling Sheets

SITE NAME:	E NAME: HIGHLAND PLAZA			POI	MW - 1					
LOCATION:	:TONAWANDA, NY		FIELD REPRESENTATIVE:			E&GMS / ES&S				
SAMPLE MATRIX: GROUNDWATER				LAB SAMPLE / PROJECT #: 48012783						
EVACUATION INITIAL WAT	N INFORMATIO ER LEVEL (FT)	<u>N</u>	12.76	DEPTH TO BOTTOM (FT) 23.57						
	6. PT. (MSL):									
DATE 12-22-15 TIME: START/FINISH 8:28 / 8:38										
METHOD OF EVACUATION: () PVC BAILER () S.S. BAILER () QED PUMP (X) OTHER - PERISTALTIC PUMP (X) METHOD OF EVACUATION: (C) GRUNDFOS PUMP (C) QED PUMP (X) OTHER - PERISTALTIC PUMP										
WELL RISER DIAMETER (IN.): (X) 1 () 2 () 3 () 4 () 6										
ONE (1) RIS	ER VOLUME (C	SAL)	0.43	W	AS WELL PL	JRGED TO D	RYNESS()	YES (X) NO		
TOTAL VOL.	EVACUATED (G	GAL)	0.25		WATER LEV	EL END PUR	RGE (FT) 19	1.10		
TURBIDITY (OF PURGINGS:	STAR	TURB.	0-TAN		FINISH C	LEAR-TAI	JTINT		
EVACUATION	N STABILIZATIO	ON DAT	<u> </u>							
TIME	PURGE RATE (ml/min)	1	CUMULATIVE VOL (GAL)	TEMP. (F)	pH (Std.Units)	CONDUCT. (umhos/cm)	TURBIDITY (NTU)	OTHER [eh (mV)]		
8:28	100		0	14.5	7.31	2500	>200	-10.2		
8:33	100		0.125	15, 2	7.36	2360	9.03	-12.6		
8:38	100	19.10	0.25	15.3	7.38	2340	8.81	~13.7		
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<u> </u>				Marie Control of the						
SAMPLING I	NFORMATION									
DATE / TIME	12-22-15	, 8	1:38		DEPTH TO	GROUNDWAT	ER (FT) 1	7.10		
	SAMPLING: ILER () S.S LER () QE				JMP					
GENERAL INFORMATION WEATHER CONDITIONS AT TIME OF SAMPLING: CLOUBY. 50 CLOUBY. 50										
SAMPLE CHARACTERISTICS: CEAR - TAN TINT										
COMMENTS:										
			SAMPLE COL	LECTION N	JMBER					

SITE NAME: HIGHLAND PLAZA			POI	NT ID:	MW - 2	2			
LOCATION: TONAWANDA, NY		4, NY	FIELD REPRESENTATIVE: E&GMS/ES				S&S		
SAMPLE MATRIX: GROUNDWATER			LAB SAMPLE / PROJECT #: 48012783						
EVACUATION INITIAL WATE	N INFORMATIO ER LEVEL (FT)	<u>N</u>	8.60	DEPTH ТО ВОТТОМ (FT)					
					ELEVATION,	G/W (MSL):			
DATE 12.	. 22 - 15				TIME: START	/FINISH 8:	58 19	:08	
METHOD OF EVACUATION: () PVC BAILER () S.S. BAILER () GRUNDFOS PUMP (X) YES () NO () S.S. BAILER () QED PUMP (X) OTHER - PERISTALTIC PUMP									
WELL RISER	R DIAMETER (I	N.): (X	() 1 () 2	() 3	() 4 ()	6			
ONE (1) RIS	ER VOLUME (C	BAL)	0.60	W	AS WELL PL	JRGED TO D	RYNESS()	(ES (X) NO	
TOTAL VOL.	EVACUATED (G	GAL)	0.25		WATER LEV	EL END PUR	GE (FT) 1:	5.09	
TURBIDITY (OF PURGINGS:	START	TURBID	- TAN	,	FINISH S1.	TURBID-	TAN	
EVACUATION	N STABILIZATIO	ON DAT	<u>'A</u>						
TIME	PURGE RATE (ml/min)		CUMULATIVE VOL (GAL)	(F)	pH (Std.Units)	CONDUCT. (umhos/cm)	TURBIDITY (NTU)	[eh (mV)]	
8:58	100	8.60	0	14.8	7.54	1359	7200	-23.0	
9;03	100	12.70		15.1	7.46	1390	162.00	- 18.5	
9:08	100	15.04	0.25	15.1	7.45	1396	138.00	-18.0	
					<u> </u>				
				-					
SAMPLING INFORMATION									
DATE / TIME	12-22-15	, 9:	08 49:09		DEPTH TO	GROUNDWAT	ER (FT) 15	5.09	
METHOD OF SAMPLING: () PVC BAILER () S.S. BAILER () GRUNDFOS PUMP (X) YES () NO () S.S. BAILER () QED PUMP (X) OTHER - PERISTALTIC PUMP									
GENERAL INFORMATION WEATHER CONDITIONS AT TIME OF SAMPLING: CLOUDY, 50 F THERE THE SAMPLE CHARACTERISTICS									
SAMPLE CH	ARACTERISTIC	;S: .	JE , ruke	110- 140	,				
COMMENTS: DUP TAKEN (#329:09)									

SITE NAME:	HIGHL	AND P	LAZA		POINT ID:		MW - 3				
LOCATION:TONAWANDA, NY			FIELD	FIELD REPRESENTATIVE:			E&GMS / ES&S				
SAMPLE MATRIX: GROUNDWATER			LAB SA	MPLE / PROJI	ECT #:	48012783					
EVACUATION INITIAL WAT	N INFORMATIO ER LEVEL (FT)	<u>N</u>	11.05		DEPTH TO I	BOTTOM (FT)	23.	52			
ELEV., MEAS. PT. (MSL): ELEVATION, G/W (MSL):											
DATE 12-	DATE 12-22-15 TIME: START/FINISH 9:26 / 9:36										
METHOD OF EVACUATION: () PVC BAILER () S.S. BAILER () GRUNDFOS PUMP (X) YES () NO () S.S. BAILER () QED PUMP (X) OTHER - PERISTALTIC PUMP											
WELL RISER DIAMETER (IN.): (X) 1 () 2 () 3 () 4 () 6											
ONE (1) RIS	SER VOLUME (C	BAL)	0.50	W	AS WELL PU	JRGED TO D	RYNESS()	YES (X) NO			
TOTAL VOL.	EVACUATED (G	SAL)	0.25		WATER LEV	EL END PUR	GE (FT) /	8.22			
TURBIDITY (OF PURGINGS:	STAR	TURBIE	- TAN		FINISH SI.	TURBIO-T	Ar)			
EVACUATION	N STABILIZATIO	ON DAT	<u>A</u>								
TIME	PURGE RATE (ml/min)	DTW (FT)	CUMULATIVE VOL (GAL)		pH (Std.Units)	CONDUCT. (umhos/cm)	TURBIDITY (NTU)	OTHER [eh (mV)]			
9:26	100	11.05	0	14.9	7.44	1604	7200	-17.1			
9:31	100	15.10	0.125	14.9	7.35	1660	180.00	-11.6			
9:36	100	18.22	0.25	15.0	7.31	1675	148.00	-9.7			
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1											
SAMPLING I	NFORMATION					<u> </u>					
DATE / TIME 12.22-15 / 9:36 DEPTH TO GROUNDWATER (FT) 18.22											
METHOD OF SAMPLING: () PVC BAILER () S.S. BAILER () GRUNDFOS PUMP (X) YES () NO () S.S. BAILER () QED PUMP (X) OTHER - PERISTALTIC PUMP											
GENERAL INFORMATION WEATHER CONDITIONS AT TIME OF SAMPLING: CLOUBY, 50 F THE CONDITIONS AT TIME OF SAMPLING:											
SAMPLE CHARACTERISTICS: SI. TURBIO - TAN											
COMMENTS: MS/MSD TAKEN											
·			SAMPLE COL	LECTION NU	JMBER 4						

SITE NAME: HIGHLAND PLAZA			POINT ID: MW - 4				4		
LOCATION: TONAWANDA, NY			FIELD REPRESENTATIVE:			E&GMS / ES&S			
SAMPLE MATRIX: GROUNDWATER				LAB SAMPLE / PROJECT #: 48012783					
EVACUATION INITIAL WAT	N INFORMATIO ER LEVEL (FT)	<u>N</u>	8.42	DEPTH ТО ВОТТОМ (FT)					
ELEV., MEAS	6. PT. (MSL):								
DATE 12-22-15 TIME: START/FINISH 9:56 , 10:06									
METHOD OF EVACUATION: () PVC BAILER () S.S. BAILER () GRUNDFOS PUMP (X) YES () NO () S.S. BAILER () QED PUMP (X) OTHER - PERISTALTIC PUMP									
WELL RISER DIAMETER (IN.): (X) 1 () 2 () 3 () 4 () 6									
ONE (1) RIS	SER VOLUME (C	GAL)	0.61	W	AS WELL PL	JRGED TO D	RYNESS()	YES (X) NO	
TOTAL VOL.	EVACUATED (C		0.25		WATER LEV	EL END PUR	GE (FT)	5.26	
TURBIDITY (OF PURGINGS:	STAR	SI. TUR	BID-TAN)	FINISHS	1. Tyroid	TAN	
	N STABILIZATIO								
TIME	PURGE RATE (ml/min)	DTW (FT)	CUMULATIVE VOL (GAL)	TEMP. (F)	pH (Std.Units)	CONDUCT. (umhos/cm)	TURBIDITY (NTU)	OTHER [eh (mV)]	
9:,56	100	8.42	0	12.9	7.37	1409	51.10	-13.1	
10:01	100	12.55	0.125	12.9	7.38	1442	42.20	~13.5	
10:06	100	15.26	0.25	12,9	7.38	1451	36.20	-13.6	
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SAMPLING I	NFORMATION						<u> </u>		
DATE / TIME	12-22-15	, 10	1:06		DEPTH TO	GROUNDWAT	ER (FT) /	5.26	
METHOD OF SAMPLING: () PVC BAILER () S.S. BAILER () GRUNDFOS PUMP (X) YES () NO () S.S. BAILER () QED PUMP (X) OTHER - PERISTALTIC PUMP									
GENERAL IN	IFORMATION CONDITIONS AT	T TIME	OF SAMPLIN	G: _ C (.ouby, 50	of			
GENERAL INFORMATION WEATHER CONDITIONS AT TIME OF SAMPLING: SAMPLE CHARACTERISTICS: SI, Turbio - Tap									
COMMENTS:		•							
•			SAMPLE COL	LECTION N	JMBER 5				

SITE NAME: HIGHLAND PLAZA			POINT ID:			MW - 5				
LOCATION: TONAWANDA, NY			FIELD REPRESENTATIVE:			E&GMS / ES&S				
SAMPLE MA	TRIX: G	ROUNI	OWATER	LAB SAMPLE / PROJECT #: 48012783				3		
EVACUATION INITIAL WATE	N INFORMATIO ER LEVEL (FT)	<u>N</u>	4.18	DEPTH TO BOTTOM (FT) 23.68						
	8. PT. (MSL):									
DATE	2-22-15	_			TIME: START	FINISH 10	:30 / /	0:40		
() PVC BA	EVACUATION: ILER () S.S ILER () QE	S. BAIL		RUNDFOS PL		(X) YES				
WELL RISEF	R DIAMETER (I	N.): ()	() 1 () 2	() 3	() 4 ()	6				
ONE (1) RIS	SER VOLUME (C	3AL)	0.78	W	AS WELL PU	JRGED TO D	RYNESS()	(ES (X) NO		
TOTAL VOL.	EVACUATED (G	SAL)	0.25		WATER LEV	EL END PUR	GE (FT) 10	.99		
TURBIDITY (OF PURGINGS:	STAR	TURB	10-TAN		FINISH	URBID - 7	AH		
EVACUATION	N STABILIZATIO	ON DAT	<u> </u>							
TIME	PURGE RATE (ml/min)	1	CUMULATIVE VOL (GAL)	TEMP. (F)	pH (Std.Units)	CONDUCT. (umhos/cm)	TURBIDITY (NTU)	OTHER [eh (mV)]		
10:30	100	4.18	0	13.1	7,28	1389	7200	-8.5		
10:35	100	10.60		13.3	7.26	1530	7200	-6.8		
10:40	100	10.99	0.25	13.3	7.25	1542	>200	-6.4		
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SAMPLING I	NFORMATION	<u>. </u>	<u> </u>		1		<u> </u>	<u></u>		
	12-22-15	1 10	:40		DEPTH TO	GROUNDWAT	ER (FT)	0.99		
	SAMPLING: ILER () S.S LER () QE				JMP					
GENERAL IN	NFORMATION CONDITIONS A	T TIME	OF SAMPLIN	G: උ (20404.5	oof				
SAMPLE CH	NFORMATION CONDITIONS A NARACTERISTIC	CS:	TURBI	D-TAN	7					
COMMENTS:										
-			SAMPLE COL	LECTION NU	JMBER_ 6					