### EAST DELAVAN PROPERTY LLC SAGINAW-BUFFALO SITE NO. 915152

### **302 SCAJAQUADA STREET BUFFALO, NEW YORK 14215**

### 2017 PRR Annual Operation and Maintenance Report

Prepared for: East Delavan Property, LLC 1001 East Delavan Avenue Buffalo, New York 14203

> Prepared By: CompCo of WNY, Inc March 2018

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NYSDEC EDD 480-128117-1\_EQUNYSDEC

TEST AMERICA EDD FILE

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### **Report Structure**

This report presents the results of the monitoring event conducted in November 29, 2017. The report is organized as follows:

- <u>Section 1</u> Introduction: The background and brief remedial history of the Site;
- <u>Section 2</u> Operation and Maintenance Activities: Activities performed during the current reporting period and their results;
- <u>Section 3</u> Monitoring Data and Analytical Results: Discussion of monitoring data and analytical results generated from the current monitoring period; and
- <u>Section 4</u> Conclusions and Recommendations: Conclusions and recommendations based upon the data and results of the current monitoring period.

### 1.0 Introduction

The Saginaw-Buffalo Site, a portion of the former General Motors ("GM") -Saginaw facility, is located at 1001 East Delavan Avenue in Buffalo. The property and facility are currently owned by East Delavan Properties, LLC ("EDP"). The area of investigation ("Site") consists of approximately 8± acres of Parking Lot No. 4, located east of the main facility and separated from the main facility by a CSX Corporation railroad right-of-way ("ROW").

Facilities and structures were constructed by GM during the mid-1920s with several additions constructed through 1994. GM operated the Facility from its inception in the 1920s until February 1994 when it was sold to American Axle & Manufacturing, Inc. ("AAM"). AAM ceased operations in December 2007 and sold the property and structures to East Delavan Property, LLC ("EDP") in October 2008.

The Site includes buildings and lots East of the CSX right-of-way bounded by Delavan Avenue on the north and Scajaquada Street on the south: this parcel is generally referred to as the *Former Saginaw–Buffalo Plant*.

The Site is listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State (Registry) as Site No. 915152. The Registry listing includes two Operable Units (OUs):

- i) OU1 a 1-acre area around the former Wastewater Treatment Plant; and
- ii) OU2 a 7-acre portion of Parking Lot No. 4 that is adjacent to OU1.

The locations of OU1 and OU2 are shown on Figure 1.1.

The final remedial alternative for the Site, as described in the Operation and Maintenance ("O&M") Manual dated April 2001 included the following components:

- i) Dewatering the OU1 area with on-Site water treatment, confirmatory effluent sampling and analysis, and batch discharge to the Buffalo Sewer Authority ("BSA") sanitary sewer system;
- iii) Excavating fill/soil containing greater than the Site cleanup goal of 10 parts per million (ppm) polychlorinated biphenyls (PCBs) in the OU1 area, and off-site disposal of the excavated materials;
- iv) Annual maintenance of the existing pavement over the 7-acre area and repair where necessary; and
- v) Long-term semi-annual monitoring of specified groundwater monitoring wells and a storm sewer manhole for PCBs and lead.

The O&M Manual, designed to serve as a work plan for Site monitoring and maintenance, was prepared and approved by New York State Department of Environmental Conservation (NYSDEC) on March 19, 2002. The O&M Manual was prepared in accordance with the Order on Consent between GM and NYSDEC effective August 13, 1998, and in response to the remediation activities conducted between July 1998 and March 2000.

A provision for review, and modification of the monitoring program if deemed appropriate, is included in the O&M Manual (Section 3.5, "Duration of Monitoring Program"). The provision states:

Semi-annual groundwater and sewer monitoring will be conducted for a minimum of four consecutive events, at which time the need for or frequency of continued monitoring will be evaluated."

The current monitoring program was conducted semi-annually between April 2002 and October 2003. A review of the first four sets of monitoring data and a proposal for modification of the monitoring program was presented in the "Semi-Annual Operation and Maintenance Report", dated December 2003. The following monitoring program modifications were approved by NYSDEC in the letter from D. Szymanski (NYSDEC) to K. Malinowski (Conestoga-Rovers & Associates [CRA]) dated January 9, 2004:

- i) Discontinuation of monitoring of upgradient wells MW-1 and MW-201;
- ii) Discontinuation of monitoring of well MW-205; and
- iii) Reduction in monitoring frequency from semi-annual to annual.

In the "Annual Monitoring Report" dated August 2008, GM requested a suspension of the O&M Program requirement unless the Site use and/or conditions were to change.

The request was denied in a letter from D. Szymanski (NYSDEC) to K. Galanti (CRA) dated September 22, 2008, however, the groundwater sampling frequency was reduced from annually to biennially. Annual pavement inspection and sewer sampling are still required.

### 2.0 OPERATION AND MAINTENANCE ACTIVITIES

O&M activities performed during this reporting period included:

- i) Annual pavement (cover) inspection;
- ii) Storm sewer manhole inspection;
- iii) Limited monitoring well inspection;
- iii) Storm sewer manhole monitoring.

The O&M activities were performed by CompCo of WNY, Inc., personnel in accordance with the requirements of the O&M Manual.

### 2.1 PAVEMENT

In accordance with the O&M Manual, the annual pavement inspection was conducted during the November 29, 2017 monitoring and the January 22, 2018 inspection. The purpose of the pavement inspection is to ensure that the integrity of the asphalt surface has been maintained. Observations were logged on an Inspection Form. A copy of the Inspection Form and Pavement Inspection Map are contained in Appendix A.

Descriptions of the inspection observations are presented in the following subsections.

### 2.1.1 CRACKS AND DETERIORATION

The paved area of Parking Lot 4 was visually inspected on January 22, 2018 for cracks and deterioration. Numerous superficial cracks were observed along pavement joints, with none large enough to warrant resealing. A copy of the 2017 Pavement Inspection Map and photographs of the 2016 re-sealing effort is contained in Appendix A. We will conduct another inspection during mid-2018.

### 2.1.2 DRAINAGE AREAS

No low areas or areas exhibiting poor drainage were observed during this inspection event.

### 2.1.3 CORRECTIVE ACTION

Deficiencies that may require corrective action observed during the November 29, 2017 monitoring and the January 22, 2018 inspection will be addressed during the mid-2018 inspection.

### 2.2 STORM SEWER MANHOLE INSPECTION

Storm sewer manholes were inspected concurrent with the area pavement inspection and groundwater sampling. The manhole covers were removed and the manhole risers were

inspected for structural damage that could result in sediment intrusion. The storm sewers were also inspected to see if any uncharacteristically large amounts of sediment indicative of damage to the sewer or manhole(s) were present.

No structural damage or large sediment build-ups were observed during this inspection event. The manhole/trap discharge structure at the far south margin of the site was observed as collapsed during the 2015 inspection; the entire receiver structure was removed and replaced with a new receiver during the week of May 16, 2016.

The log of the 2017 storm sewer manhole inspection is included on the Annual Inspection Form presented in Appendix A.

### 2.3 MONITORING WELLS

Groundwater sampling was completed as part of the 2017 event along with inspection of Site monitoring wells. The inspections of the monitoring wells included the verification of the presence and condition of well caps and general condition of the visible portions of the well casings. Observations are noted on the Annual Inspection Form presented in Appendix A.

### 2.4 MONITORING ACTIVITIES

A groundwater and storm sewer monitoring program designed to provide data that will facilitate evaluation of the effectiveness of the remedial program is conducted in accordance with the O&M Manual and subsequent approved modifications. The locations of the groundwater monitoring wells and storm sewer manholes included in the monitoring program are shown on Figure 2.1, and listed in Table 2.1.

### 2.4.1 GROUNDWATER MONITORING

Per the approved reduction in groundwater sampling frequency to biennially, the most recent sampling was conducted on November 29, 2017 for 2017 calendar year. The next groundwater sampling event will be conducted during 2019 ("MH-2" shall be sampled during 2018).

### 2.4.2 STORM SEWER SAMPLING

On November 29, 2017 water from storm sewer Manhole No. 2 ("MH-2") was sampled in accordance with the procedures contained in the O&M Manual. Less than 1.0 inches of sediment was observed in the bottom of the manhole. The sediment in MH-2 is not deemed significant therefore, a sediment sample was not collected.

A sample collection and analysis summary for MH-2 is included in Table 5. The field sample form is provided as Appendix B.

### 3.0 MONITORING DATA AND ANALYTICAL RESULTS

The monitoring and analytical data generated during this monitoring event are presented and discussed in the following subsection.

### MONITORING DATA AND ANALYTICAL RESULTS

The monitoring and analytical data generated during this monitoring event are presented and discussed in the following subsections. A quality assurance/quality control (QA/QC) review of the analytical data has been conducted and is presented in Appendix B (ES&S Sampling Field Report).

### 3.1 GROUNDWATER

The groundwater analytical data generated during this reporting period are summarized in Table 4: MONITORING WELL SAMPLE ANALYSIS SUMMARY.

No PCBs or lead were detected non-detect ("ND") in the groundwater sample collected from MH-2.

All required monitoring well sample results were non-detect ND for PCBs.

Total lead in MW-210 tested non-detect ("ND") in the groundwater sample. Lead tested in all other monitoring wells were detected at concentrations of lead either total or dissolved, lower than the New York Criteria for Class GA (potable) groundwater of 25 Ng/L.

### 3.2 SEWER WATER – MH-2

Neither PCBs nor lead were detected in the water sample from the Site storm sewer MH-2 collected during this monitoring event. The November 29, 2017 storm sewer water analytical data are presented in Table 5: STORM SEWER ANALYTICAL RESULTS SUMMARY

### 4.0 CONCLUSIONS AND RECOMMENDATIONS

The O&M activities performed during this reporting period found that:

- i) Monitoring wells at the Site are in good condition;
- ii) Inspection of the asphalt was conducted 0n January with no significant deterioration observed;
- iii) PCBs were not present (ND) in storm sewer effluent;
- iv) PCBs were not present (ND) in all required monitoring wells sampled;
- v) Lead was not present (ND) in storm sewer effluent;
- vi) The concentration of dissolved lead in Site groundwater is below the New York water quality criteria of 25 µg/L for lead in potable groundwater.

Based on these observations, it is concluded that the remedial action continues to be effective insuring that little potential for exposure to site-related contaminants.

### 5.0 Site Health Assessment

With the closure of the AAM facility in December 2007 the Site is no longer used as a parking lot. With the exception that a limited part of the parking lot is being used as a training lot for school bus trainees, the site remains idle. With the sale of the property to EDP in October 1998 with access to the Site restricted.

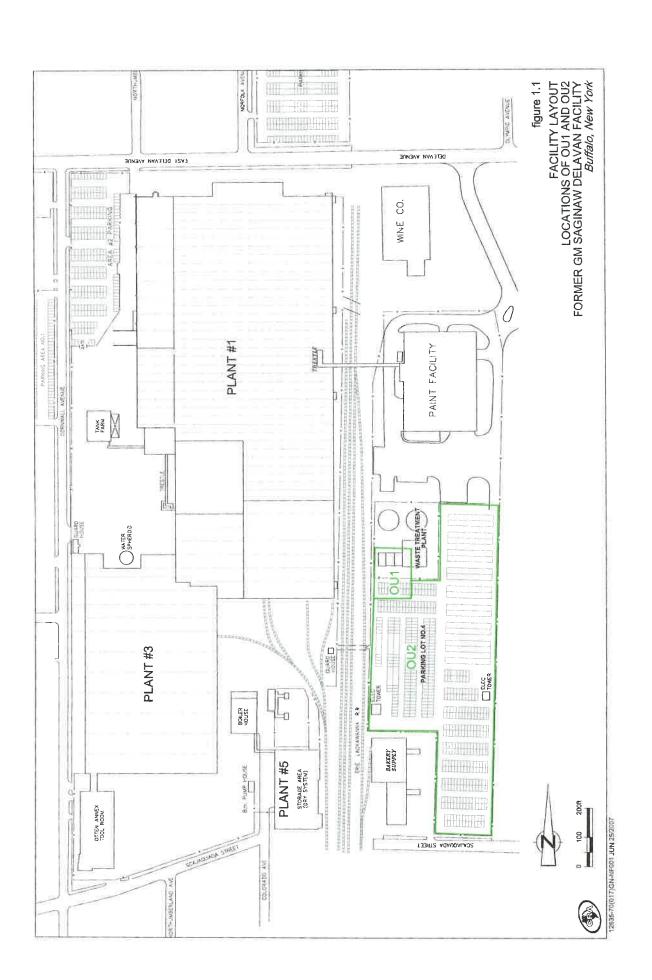
The existing deed restriction prevents use of the site property for purposes other than industrial uses, thereby preventing the use of groundwater for drinking. The area is served by public water so exposures via drinking water are not expected.

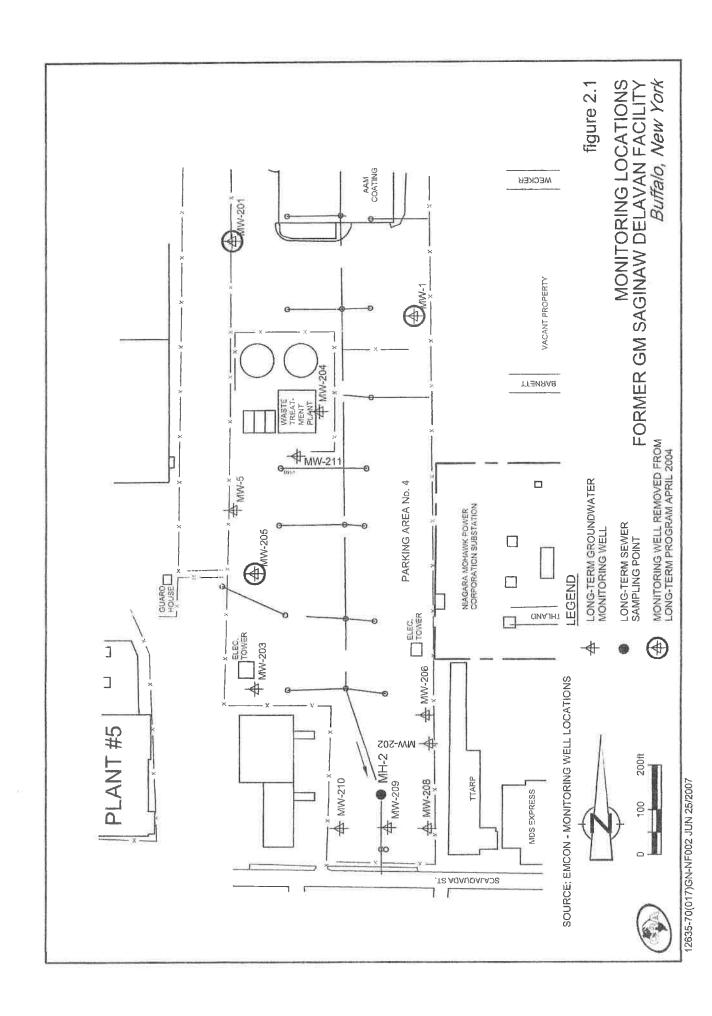
The remedy which included the removal of contaminated soils, maintenance of existing pavement, and deed restrictions continues to insure little potential for exposure to site-related contaminants.

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FIGURE 1.1 FACILITY LAYOUT - LOCATIONS OF OU1 AND OU2

FIGURE 2.1 MONITORING LOCATIONS





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### TABLE 1: MONITORING WELL FIELD INFORMATION SUMMARY

			SAMPLE	DEPTH	DEPTH						
			METH.	5	5	P. ST. F.	SPEC.		200		
SAMPLE	SAMPLE	SAMPLE	-SEE-	WATER	BOTTOM	Hd	CONDUCT.	TEMP.	TURB.	eH	SAMPLE
#0	DATE	TIME	NOTE	(FT)	(FT)	(S.U.)	(umhos/cm)	(0)	(NTU)	(mdd)	APPEARANCE
A VVV	44/00/47	7	٠	4	44 73	7 4 7	4000	2	603	42.0	П
	1.67	-	-	20.0	77.11			P	3		
MW - 202	11/29/17	12:23	1	3.99	7.72	6.85	569	12.5	18.70	+18.5	CLEAR-TAN TINT
A41A7 202	74/00/44	10.0	*	7	0	70.7	0.67	7	7 63	4	<u> </u>
COZ - AAIAI	11/23/11/	10:01	-	1.37	5.63	4.34	/60	6,1	1.02	†	CLEAN
MW - 204	11/29/17	11:47	~	2.59	7.27	7.36	733	11.2	25.80	9.9-	CLEAR-TAN TINT
MW - 206	11/29/17	12:06	1	4.19	10.12	6.78	1252	12.6	4.78	+22.1	CLEAR
MW - 208	11/20/17	12.38	₹	4 30	7 27	8	1670	12.7	45.80	+19.4	CI FAR-TAN TINT
	110711	20.31	-	P	1	200					
MW - 209	11/29/17	12:54	-	2.74	5.66	7.15	989	12.9	12.30	+3.8	<b>CLEAR-TAN TINT</b>
MW - 210	11/29/17	10:40	~	4.60	5.78	7.30	534	14.5	27.20	9.6	CLEAR-TAN TINT
770	200		•	C L	Ċ	1			0.00	•	H 144
1.1.7 - AAIAI	11/67/11	11:31	-	2.59	8.5/	1.31	1042	14.0	30.40	4.4	CLEAK-I AN IINI
MH-2	11/29/17	10:20	2	NA	NA	7.42	1083	13.7	29.30	-9.7	CLEAR-TAN TINT

SAMPLE METHOD

1-DEDICATED PVC BAILER

2-DIP SAMPLE BOTTLE

NS - DRY - NOT SAMPLED

### TABLE 2: MONITORING LOCATIONS – LATITUDE/LONGITUDE

**EDP Parking Lot 4**Latitude - Longitude Data for Monitoring Wells/Manhole-2

	Latit	ude	Longit	ude	
Wells/Manhole	DMS	Decimal	DMS	Decimal	Longitude
Upgradient Wells		_			
MW-204	N 42°55.168'	42.919460	W078°49.058'	78.817633	3.4800
MW-206	N 42°55.074'	42.917900	W078º49.011'	78.816580	0.6600
Downgradient Wells					
MW-5	N 42º55.140'	42.918900	W078º49.089'	78.816580	5.3400
MW-202	N 42°55.064'	42.917733	W078°49.010'	78.816833	0.6000
MW-203	N 42°55.081'	42.918016	W078°49.081'	78.818016	4.8600
MVV-208	N 42°55.037'	42.917283	W078°49.010'	78.816833	0.6000
MW-209	N 42°55.037'	42.917283	W078°49.025'	78.817083	1.5000
MW-210	N 42°55.037'	42.917200	W078º49.047'	78.817450	2.8200
MW-211	N 42°55.155'	42.919250	W078°49.062'	78.817700	3.7200
Downgradient Manhole	Э				
MH-2	N 42º55.047'	42.917450	W078°49.029'	78.817150	1.7400

### TABLE 3: MONITORING WELL INSPECTION SUMMARY

2017 Monitoring Well Well Inspection Form:

	MW - 1	MW - 5	MW - 201	MW - 202	MW - 203	MW - 205	MW - 206	MW - 208	MW - 209	MW - 210	MW - 211
Protective casing in good condition	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
Flush mount casing in good condition	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
Casings Labeled	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
Concrete surface seal in good condition	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
Protective pad in good condition	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
Locks present	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
Locks in good Condition	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
Riser in good condition	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes
J - plugs present	Removed	Yes	Removed	Yes	Yes	Removed	Yes	Yes	Yes	Yes	Yes

### TABLE 4: MONITORING SAMPLE ANALYSIS SUMMARY

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: MW-5

Lab Sample ID: 480-128117-2

Date Collected: 11/29/17 11:14

Date Received: 11/29/2017 13:50

Method: 8082A	- Polychic	orinated	Biphenyl	s (PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	_
PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	1
PCB-1232	QN	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	7-
PCB-1242	QN	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	1
PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	1
PCB-1254	QN	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 14:57	_
PCB-1260	QN	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 14:57	1

	/						
_	Result Qualifier	R	MDL	Unit	Prepared	Analyzed	Dil Fac
ı	ך	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 9:00 11/30/2017 21:21	1

Analyte	Result	Result Qualifier	귛	RL MDL	Unit	Prepared	Analyzed	Dil Fac
lo:	0900.0	  -	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 9:00 11/30/2017 21:21	_
					().			
	<b>Metals</b>	Method: 6010C - Metals (ICP) - Disso	solved					
$\boldsymbol{\alpha}$	esult	Result Qualifier	R	MDL	Unit	Prepared	Analyzed	Dil Fac
	6900 0	-	0.010	0.010 0.0030	ma/L	11/30/2017 9:00	11/30/2017 9:00 12/7/2017 21:29	-

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: MW-202

Lab Sample ID: 480-128117-2

Date Collected: 11/29/17 12:23

Date Received: 11/29/17 13:50

Method: 8082A	- Polychic	orinated	<b>3iphenyls</b>	(PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:13	-
PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:13	1
PCB-1232	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:13	1
PCB-1242	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:13	1
PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:13	1
PCB-1254	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 15:13	1
PCB-1260	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 15:13	-

Metiloa, co loo - Metalo (lot )		1						
Analyte	Result	Qualifier	묍	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0044	٦	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 9:00 11/30/2017 21:25	1

Analyte	Result	Result Qualifier	귐	RL MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0044	J	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 9:00 11/30/2017 21:25	1
Method: 6010C - Metals (ICP) - Dis	: - Metals	(ICP) - Dis	solved					
Analyte	Result	Result Qualifier	묍	RL MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	2		0.010	0.010 0.0030	ma/L	11/30/2017 9:00	11/30/2017 9:00 12/7/2017 21:33	-

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: DUP@MW-203

Lab Sample ID: 480-128117-10

Date Collected: 11/29/17 10:59

Date Received: 11/29/17 13:50

Method: 8082A	- Polychic	vrinated E	<b>3iphenyl</b> s	s (PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	1
PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	7
PCB-1232	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	1
PCB-1242	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	1
PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 14:57	1
PCB-1254	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 14:57	_
PCB-1260	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 14:57	-

Memod: 60100 - Metals (ICF)								
Analyte	Result	Result Qualifier	R	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0042	7	0.010 0.0030	0.0000	mg/L	11/30/2017 9:00	11/30/2017 9:00 11/30/2017 21:28	1

_	-	3 35			
UII rac	1			Dil Fac	7-
Analyzed	11/30/2017 9:00 11/30/2017 21:28			Analyzed	12/7/2017 22:01
Prepared	11/30/2017 9:00			Prepared	11/30/2017 9:00 12/7/2017 22:01
Onit	mg/L			Unit	ma/l
MDL	0.010 0.0030			MDL	0.010 0.0030
אר אטר	0.010		solved	귐	0 010
Result Qualifier	7		(ICP) - Dis	Result Qualifier	
Kesult	0.0042		- Metals	Result	0.0045
Analyte	Lead		Method: 6010C - Metals (ICP) - Disso	Analyte	- Pag

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: MW-204

Lab Sample ID: 480-128117-4

Date Collected: 11/29/17 11:47

Date Received: 11/29/17 13:50

Analyte         Result         RL         MDL         Unit         Prepared         Analyte           PCB-1016         ND         0.50         0.18         ug/L         11/30/17 7:47         12/1/3           PCB-1221         ND         0.50         0.18         ug/L         11/30/17 7:47         12/1/3           PCB-1232         ND         0.50         0.18         ug/L         11/30/17 7:47         12/1/3           PCB-1242         ND         0.50         0.18         ug/L         11/30/17 7:47         12/1/3           PCB-1248         ND         0.50         0.18         ug/L         11/30/17 7:47         12/1/3           PCB-1254         ND         0.50         0.25         ug/L         11/30/17 7:47         12/1/3           PCB-1260         ND         0.50         0.25         ug/L         11/30/17 7:47         12/1/3	Method: 8082A	- Polychic	rinated	<b>Biphenyl</b>	s (PCBs	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47	Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47	PCB-1016	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:45	_
ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47	PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:45	_
ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47	PCB-1232	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:45	1
ND         0.50         0.18         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47           ND         0.50         0.25         ug/L         11/30/17 7:47	PCB-1242	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:45	-
ND 0.50 0.25 ug/L 11/30/17 7:47 ND 0.50 0.25 ug/L 11/30/17 7:47	PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 15:45	~
ND 0.50 0.25 ug/L 11/30/17 7:47	PCB-1254	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 15:45	_
	PCB-1260	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 15:45	-

Method: 6010C - Metals (ICP)	- Metals	(ICP)						
Analyte	Result	Result Qualifier	묍	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0065	7	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 21:32	1

Method: 6010C - Metals (ICP) - Dissolved	3 - Metals	(ICP) - Dise	solved					
Analyte	Result	Result Qualifier	R	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0034	7	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	12/7/2017 22:05	1

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: MW-206

Lab Sample ID: 480-128117-5

Date Collected: 11/29/17 12:06

Date Received: 11/29/17 13:50

Method: 8082A	- Polychic	rinated	<b>Biphenyl</b>	s (PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:01	_
PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:01	~
PCB-1232	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:01	_
PCB-1242	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:01	~
PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:01	_
PCB-1254	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:01	<b>~</b>
PCB-1260	QN	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:01	_

Method: 6010C - Metals (ICP)	3 - Metals	(ICP)						
Analyte	Result	Qualifier	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0028	7	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 21:36	_

Method: 6010C - Metals (ICP) - Dissolved	C - Metals	(ICP) - Dis	solved					
Analyte	Result	Result Qualifier	R	MDL	Unit	Prepared	Analyzed	Dil Fac
Pead	0.0066	  -	0.010	0.010 0.0030	ma/L	11/30/2017 9:00	12/7/2017 22:08	_

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 6

Client Sample ID: MW-208

Lab Sample ID: 480-128117-6

Date Collected: 11/29/17 12:38

Date Received: 11/29/17 13:50

Method: 8082A	- Polychic	orinated	Biphenyl	s (PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	QN	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:17	7
PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:17	1
PCB-1232	ND	02.0	0.18	ng/L	11/30/17 7:47	12/1/2017 16:17	_
PCB-1242	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:17	1
PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:17	_
PCB-1254	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:17	1
PCB-1260	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:17	1

		1						
Analyte	Result	Result Qualifier	묍	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0016	٦	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 21:39	1

200			2		<u>;</u>			
Method: 6010C - Metals (ICP) - Dissolved	3 - Metals	(ICP) - Dis	solved					
Analyte	Result	Result Qualifier	귙	MDL	Unit	Prepared	Analyzed	Dil Fac
l ead	CZ		0 010	0 0 0 0 0 0030	ma/l	11/30/2017 9:00	12/7/2017 22:12	-

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: MW-209

Lab Sample ID: 480-128117-7

Date Collected: 11/29/17 12:54

Date Received: 11/29/17 13:50

Method: 8082A	- Polychlo	rinated I	<b>Biphenyls</b>	s (PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:33	_
PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:33	_
PCB-1232	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:33	-
PCB-1242	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:33	_
PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:33	~
PCB-1254	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:33	_
PCB-1260	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:33	~

	/	1						
Analyte	Result	Result Qualifier	R	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0079	7	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 21:43	1

Method: 6010C - Metals (ICP) - Disse	3 - Metals	(ICP) - Dis	solved					
Analyte	Result	Result Qualifier	R	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0033	_	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	12/7/2017 22:15	1

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: MW-210

Lab Sample ID: 480-128117-8

Date Collected: 11/29/17 10:40

Date Received: 11/29/17 13:50

Method: 8082A	- Polychic	orinated	<b>Biphenyl</b>	s (PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:49	1
PCB-1221	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:49	~
PCB-1232	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:49	-
PCB-1242	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:49	1
PCB-1248	ND	0.50	0.18	ng/L	11/30/17 7:47	12/1/2017 16:49	_
PCB-1254	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:49	-
PCB-1260	ND	0.50	0.25	ng/L	11/30/17 7:47	12/1/2017 16:49	1

Analyte         Result Qualifier         RL         MDL         Unit         Prepared         Analyzed         Dil Fac           Lead         0.0049         J         0.010         0.0030         mg/L         11/30/2017 9:00         11/30/2017 21:57         1	Method, colloc - Metals (ICF)	- Metals							
0.0030 mg/L 11/30/2017 9:00	Analyte	Result	Qualifier	묍	MDL	Unit	Prepared	Analyzed	Dil Fac
Method: 6010C - Metals (ICP) - Dissolved	Lead	0.0049	7	0.010	0.000.0	mg/L	11/30/2017 9:00		1
Method: 6010C - Metals (ICP) - Dissolved									
	Method: 6010C	: - Metals	(ICP) - Dis	pevior					

Method: 6010C - Metals (ICP) - Disso	: - Metals	(ICP) - Dis	solved					
Analyte	Result	Result Qualifier	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0039	ſ	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	12/7/2017 22:19	1

### TABLE 5: STORM SEWER ANALYTICAL RESULTS SUMMARY

East Delavan Property, LLC

Saginaw-Buffalo Site No. 915152 - Parking Lot 4

Client Sample ID: MH#2

Lab Sample ID: 480-128117-12

Date Collected: 11/29/17 10:20

Date Received: 11/29/17 13:50

Method: 8082A	- Polychic	orinated	<b>3iphenyls</b>	(PCBs)	Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography	ography	
Analyte	Result	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
PCB-1016	ND	0.240	0.150	ng/L	11/30/17 14:44	12/4/2017 20:57	1
PCB-1221	ND	0.240	0.150	ng/L	11/30/17 14:44	12/4/2017 20:57	1
PCB-1232	ND	0.240	0.150 ug/L	ng/L	11/30/17 14:44	12/4/2017 20:57	1
PCB-1242	ND	0.240	0.150	ng/L	11/30/17 14:44	12/4/2017 20:57	1
PCB-1248	ND	0.240	0.150 ug/L	ng/L	11/30/17 14:44	12/4/2017 20:57	1
PCB-1254	ND	0.240	0.150	ng/L	11/30/17 14:44	12/4/2017 20:57	1
PCB-1260	QN	0.240	0.150 ug/L	ng/L	11/30/17 14:44	12/4/2017 20:57	<del></del>

Method: 6010C - Metals (ICP)	- Metals	(ICP)						
Analyte	Result	Result Qualifier	RL	MDL	Unit	Prepared	Analyzed	Dil Fac
Lead	0.0030	ſ	0.010	0.010 0.0030	mg/L	11/30/2017 9:00	11/30/2017 22:11	1

### LIST OF APPENDICES

### **APPENDIX A**

ANNUAL INSPECTION FORM

FIGURE 2: PAVEMENT INSPECTION MAP

### APPENDIX B

ES&S SAMPLING FIELD REPORT

GROUNDWATER MONITORING FIELD FORMS

### APPENDIX C

NYSDEC EDD 480-128117-1\_EQUNYSDEC

TEST AMERICA EDD FILE

### **APPENDIX** D

NYSDEC SITE MANAGEMENT PERIODIC REVIEW REPORT (PRR)

### APPENDIX A

ANNUAL INSPECTION FORM

FIGURE 2: PAVEMENT INSPECTION MAP

## Saginaw-Buffalo Site

# 2017 Annual Inspection Form

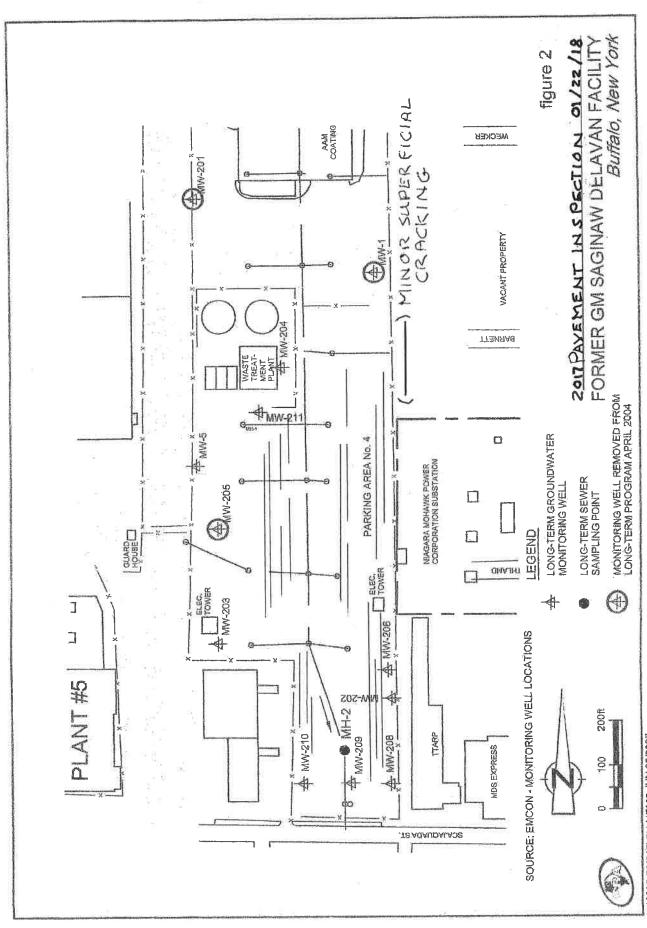
Pa

te map)	No	No	X oX	No	×	No	X oN
s on the following sit	Yes_X1	Yes	Yes	Yes	Yes	Yes	Yes
aved Area (see damaged areas on the following site map)	1. Cracked Areas	2. Settled Areas	3. Potholes	4. Heaving	5. Plow Damage	6. Drainage	7. Surface Sealing Condition Yes.
ave	Ţ.	2	3.	4.	5.	6.	7.

1 Some minor surficial cracking along paving seams NOTES:

### Storm Sewers

<ol> <li>Condition</li> <li>Notes:</li> <li>Sedimen</li> </ol> Notes:	n of Manhole Risers Good X <sup>2</sup> Poor	<sup>1</sup> Collapse of the MH/Trap/discharge receiver at the far south margin of the site was observed during the December 31, 2016 inspection. The structure was removed and a replaced with a new receiver during the week of May 16, 2016.	t Main None X 1 in. to 4 in.	
	1. Condition of Manhole Risers	1 Collapse of Notes: 2016 insp	2. Sediment Main	Notes:



12635-70(017)GN-NF002 JUN 25/2007





**APPENDIX B** 

**ES&S SAMPLING FIELD REPORT** 

**GROUNDWATER MONITORING FIELD FORMS** 

## FIELD REPORT

## SAMPLING OF GROUNDWATER MONITORING WELLS AND STORM SEWER MANHOLE OSC-EAST DELAVAN PROPERTY, LLC PARKING LOT 4 BUFFALO, NEW YORK

## **NOVEMBER 2017**

## PREPARED FOR:

COMPCO OF WNY, INC. 3667 LOWER RIVER ROAD YOUNGSTOWN, NEW YORK 14174-9700 ATTENTION: MR. VINCE GRANDINETTI

## PREPARED BY:

ENVIRONMENTAL SAMPLING & SERVICES, INC. 7183 BALLA DRIVE NORTH TONAWANDA, NEW YORK 14120

## 1.0 INTRODUCTION

This report describes the sampling of nine (9) groundwater monitoring wells and one (1) storm sewer manhole at the OSC-East Delavan property located in Buffalo, New York. Sampling was performed November 29, 2017, by Environmental Sampling & Services, Inc. (ES & S) personnel.

## 2.0 METHODOLOGIES

## 2.1 Water Level Measurements

Static water levels of all nine (9) groundwater wells were measured from the top of the well casing/riser, with a weighted electronic water level indicator (QED). Well bottoms were sounded with the same electronic water level indicator in the off mode. All measurements were recorded to the nearest hundredth of a foot (0.01 feet). The length of the measuring device, which contacted the water, was cleaned between wells with liquinox, deionized water rinse and paper towel wipe. The data for the wells sampled is presented on Table I and on the field observation forms.

## 2.2 Well Evacuation

Prior to evacuation, the volume of standing water was calculated by subtracting the depth to groundwater from the bottom of the well depth and multiplying that number by a constant for the corresponding size well. V=H(.16)-2 inch well, V=H(.36)-3 inch well, V=H(.65)-4 inch well, where H is the height of the water column and .16, .36, and .65 are volumetric constants.

Prior to sampling, three (3) times the standing water volume was purged from each well which exhibited a moderate to high recharge. Wells, which exhibited a low recharge rate, were evacuated to dryness. The wells were evacuated using dedicated poly-vinyl chloride (PVC) bailers. Data pertaining to each evacuation is presented on the Field Observation Forms.

## 3.0 SAMPLING

## 3.1 Monitoring Wells

After well purging, a second depth to water level measurement was taken at each well to insure there was sufficient recharge.

Wells were sampled using the dedicated PVC bailers. The bailer was slowly lowered into the water volume, to minimize agitation and devolatization. Sample containers were then filled directly from the bailer.

An additional sample was collected from each well in order to facilitate the measurement of field parameters.

## 3.2 Storm Sewer Manhole

One (1) storm sewer manholes was sampled. MH-2 was sampled using a clean, plastic 1 gallon bottle. The bottle as slowly lowered into the manhole to minimize agitation. Sample containers were then filled directly from the bottle.

An additional sample was collected from each storm sewer manhole in order to facilitate the measurement of field parameters

## 4.0 FIELD MEASUREMENT

On site field measurements include pH, specific conductivity, temperature, eH, and turbidity. This data is presented on Table I and the Field Observation Forms.

All instruments, which contacted groundwater, were cleaned after each measurement by rinsing with deionized water and wiping dry with paper towels.

## 5.0 EQUIPMENT CALIBRATION

Prior to mobilization, all field equipment and instrumentation were checked for condition. In field calibrations were done before field measurements were facilitated. Calibration checks were done twice a day, recalibration of field instruments were performed if necessary.

- pH / eH meters were two-point calibrated with either; 4.00 S.U. and 7.00 S.U. or 7.00 S.U. and 10.00 S.U. buffer solutions.
- Conductivity meters were two-point calibrated with 147 and 1000 umhos/cm buffer solutions.
- Turbidity meters were two-point calibrated with 1.0 NTU and 10.0 NTU standards.

## 6.0 SAMPLE CONTAINER PREPARATION

All containers used in the collection of samples for this project were provided new and clean from Test America Labs. These bottles were shipped to and stored in a clean environment at ES&S prior to their use.

## 7.0 QUALITY ASSURANCE / QUALITY CONTROL

## 7.1 Field Duplicate

A field duplicate was collected at a frequency of one (1) per sampling event. It consisted of a set of all parameters and was obtained at the same time a well was being sampled.

## 7.2 Field Blank

A field blank was collected at a frequency of one (1) per sampling event. It consisted of filling the sample containers with laboratory supplied deionized water in the field after it was poured into the clean, unused 1 gallon bottle used to sample the manhole. The field blank was collected for the full list of parameters and submitted to Test America for analysis.

## 8.0 SAMPLE CONTROL AND CHAIN OF CUSTODY

Sample containers were labeled with the following information:

- Project Number
- Sample Location
- Initials of Individual Collecting Samples
- Date / Time

A chain of custody manifest was initiated at the time of sample collection and accompanied the samples through delivery to Test America.

## **OSC - EAST DELAVAN PROPERTY**

TABLE I

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			SAMPLE	рертн	DEPTH						
			METH.	10	5		SPEC.			1281	
SAMPLE	SAMPLE	SAMPLE	-SEE-	WATER	BOTTOM	Hd	CONDUCT.	TEMP.	TURB.	eH	SAMPLE
# QI	DATE	TIME	NOTE	(FT)	(FT)	(S.U.)	(nmhos/cm)	(0)	(NTU)	(mdd)	APPEARANCE
										•	1
MW - 5	11/29/17	11:14	-	5.33	11.72	7.17	1009	14.9	6.03	+2.9	CLEAR
200 AVM	44/00/44	40.00	*	3 00	7 7 2	<b>u</b>	0	10 5	18 70	+ 8 7	CI FAR-TAN TINT
101 V - 202	11/67/11	67.71	-	6.0	1.14	5		2:5:	2	2	
MW - 203	11/29/17	10:57	~	1.97	9.23	7.34	857	11.9	7.62	-5.4	CLEAR
MW - 204	11/29/17	11:47	-	2.59	7.27	7.36	733	11.2	25.80	-6.6	CLEAR-TAN TINT
MW - 206	11/29/17	12:06	-	4.19	10.12	6.78	1252	12.6	4.78	+22.1	CLEAR
MW - 208	11/29/17	12:38	-	4.30	7.27	6.83	1670	12.7	45.80	+19.4	CLEAR-TAN TINT
MW - 209	11/29/17	12:54	τ-	2.74	5.66	7.15	989	12.9	12.30	+3.8	CLEAR-TAN TINT
MW - 210	11/29/17	10:40	_	4.60	5.78	7.30	534	14.5	27.20	-3.9	CLEAR-TAN TINT
MW - 211	11/29/17	11:31	-	2.59	8.67	7.31	1042	14.0	30.40	4.4	CLEAR-TAN TINT
			(	3	•	1	200	7	Ċ	0	H 444
MIN-Z	11/29/11	10:20	7	ZA	NA	1.42	1083	13.7	23.30	-3.7	CLEAR-I AN IIN I

SAMPLE METHOD

1-DEDICATED PVC BAILER

2-DIP SAMPLE BOTTLE

NS - DRY - NOT SAMPLED

SITE NAME: El	DP-PARKING LOT	<u>.                                    </u>		POINT ID:	MH	- 2	
LOCATION:	BUFFALO, NEW YORK		FIELD REPRE	ESENTATIVE:	E S & S - E	3.CHIODO	
SAMPLE MATRIX:	STORMWATER		LAB SAMPLE	PROJECT #:	NA		
EVACUATION INFOR	RMATION L (FEET)		DEPTH TO B	OTTOM (FEET	)		
ELEVATION, MEAS.P	T.(MSL):		ELEVATION, O	G/W (MSL):			
DATE			TIME: START/	FINISH			
SHEEN PRESENT: (	) YES ( ) NO Q	L LAYER: ( )	YES ( ) NO	THICK	NESS		
	ATION: ( ) S.S. BAILER ( ( ) WELL WIZARD (		PUMP	EVACUATION (X) YES	EQUIPMENT ( )	DEDICATED: NO	
WELL RISER DIAMET	TER (IN.): (X)2 ()3	()4 ()6	()0	THER	=		
ONE (1) RISER VOL	UME (GAL)		WAS WELL F	PURGED TO D	DRYNESS ( )	YES ( ) NO	
TOTAL VOLUME EVA	EUATED (GAL)		WATER LEVE	L AFTER PU	RGE (FT.)		
TURBIDITY OF PUR	GINGS : START		FINISH				
EVACUATION STABI							
TIME PURGERATE	VOLUME TEMP (C)	pH (SU)	SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)	
NA 0							
NA	1						
NA	2						
NA	3						
SAMPLING INFORM							
DATE/TIME 11-2	19-17 / 10:20	WAT	ER LEVEL PR	RIOR TO SAML	ING (FT.)	NA	
METHOD OF SAMPLI ( X ) PVC BAILER ( ) S.S. BAILER	NG: ( ) S.S. BAILER ( ( ) WELL WIZARD (	) GRUNDFOS ) OTHER	PUMP	SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	DICATED:	
SAMPLING FIELD M	EASUREMENT DATA		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
pH TIME (Std.Unit	SPEC. CONDUCT. (umhos/cm)	TEMP. (C)	TURBIDITY (NTU)	eH (mV)	DISS. OXY. (PPM)	OTHER ( )	
10:22 7.47		13.7	29.30	-9.7	NA	NA	
GENERAL INFORMA WEATHER CONDITION	ITION ONS AT TIME OF SAMPLI RISTICS: CUEAR - T	NG: 54	NNY, 45	5 o F			
SAMPLE CHARACTE	RISTICS: CUEAR - 7	AN TINT					
COMMENTS:							
	SAMPLE COLLECT	ION NUMBER	2				

SITE NAME:E	DP-PARKII	NG LOT 4				POINT ID:	MW	- 210
LOCATION:	BUFFALO, NE	W YORK		FIELD	REPRE	SENTATIVE:	ES&S-	B.CHIODO
SAMPLE MATRIX:	GROUN	DWATER		LAB S	AMPLE	/ PROJECT #:	NA	
EVACUATION INFOR		4.60		DEPTH	то в	OTTOM (FEET	5.	78
ELEVATION, MEAS.P	T.(MSL):/	N A		ELEVA	TION, G	S/W (MSL):	~	A
DATE 11-29-				TIME: S	START/I	FINISH	7:48 /	7:55
SHEEN PRESENT: (	) YES (X)	NO OIL	LAYER: ( )	YES	( <b>%</b> ) NC	THICK	NESS	
METHOD OF EVACUA ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP		EVACUATION (X) YES		
WELL RISER DIAMET	TER (IN.): (X)	2 ( ) 3 (	) 4 ( ) 6	3	( ) 0	THER	_	
ONE (1) RISER VOL	UME (GAL)	0.19		WAS V	VELL P	URGED TO	DRYNESS ( )	YES (X)NO
TOTAL VOLUME EVA	CUATED (GAL)	0.75		WATER	R LEVE	L AFTER PUR	RGE (FT.)	5.45
TURBIDITY OF PUR	GINGS : START	CUEA	R		FINISH	TURB!	0- TAN	
EVACUATION STABI								
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)		SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
7:48 NA 0 13.6 7.47 508 8.42 -12-1								
7:50 NA	1	13.8	7.45		<u> </u>	520	49.10	-//./
7:52 NA	2	13.8	7.44		5	58	105.10	-10.6
7:55 NA	3	14.0	7.44		5	666	120.60	-10.5
SAMPLING INFORMA	ATION							
DATE / TIME 11-2	9-17/10	):40	WAT	ER LE	VEL PR	RIOR TO SAML	ING (FT.)	1.76
METHOD OF SAMPLI ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP		SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	EDICATED:
SAMPLING FIELD M								
pH TIME (Std.Unit		CONDUCT. nhos/cm)	TEMP (C)		IDITY (U)	eH (mV)	DISS. OXY. (PPM)	OTHER ( )
10:42 7.30		34	14.5	27.		-3.9	NA	NA
GENERAL INFORMA WEATHER CONDITIONS SAMPLE CHARACTER	TION ONS AT TIME	OF SAMPLIN	IG: Su	way.	45	o F		
		CUEAR -	TAN TINT	. 6				
COMMENTS:								
S <del></del>	SAMPI	E COLLECTI	ON NUMBER	3				

SITE NAME: ED	P-PARKII	NG LOT 4				POINT ID:	MW	- 203
LOCATION:	BUFFALO, NE	W YORK		FIELD	REPRE	SENTATIVE:	ES&S-	B.CHIODO
SAMPLE MATRIX:	GROUN	IDWATER		LAB S	AMPLE	/ PROJECT #:	NA	
EVACUATION INFORMINITIAL WATER LEVEL		1.97		DEPTH	то в	OTTOM (FEET	9. 2	3
ELEVATION, MEAS.PT	.(MSL):	NA		ELEVA	TION, C	S/W (MSL):	NA	
DATE 11-29-1						FINISH		
SHEEN PRESENT: (	) YES ( <b>%</b> )	NO OIL	LAYER: ( )	YES	(*) NO	) THICK	NESS	
METHOD OF EVACUA  ( X ) PVC BAILER ( ( ) S.S. BAILER (	) S.S. BAIL	•	•	PUMP		EVACUATION (X) YES		
WELL RISER DIAMETE	ER (IN.): ( X )	2 ( ) 3 (	( ) 4 ( ) 6	5	( ) 0	THER		
ONE (1) RISER VOLU	JME (GAL)	1.16		WAS V	VELL F	PURGED TO D	DRYNESS ( )	YES (X) NO
TOTAL VOLUME EVAC	CUATED (GAL)	3.50		WATER	R LEVE	L AFTER PU	RGE (FT.)	2.59
TURBIDITY OF PURG	BINGS : START	CUE	AR		FINISH	CUEAR	- BLACK	TINT
EVACUATION STABIL	IZATION DATA	<u> </u>						
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)	)	SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
8:10 NA 0 10.4 7.35 509 10.30 -5.9								
8:13 NA	1	11.5	7.32		7	125	29.80	- 3.9
8:16 NA	2	11.9	7.28		8	350	46.20	- 2,5
8:20 NA	3	12.1	7.27		8	68	14.90	-2.1
SAMPLING INFORMA	TION							
DATE / TIME 11-29	9-17 / 10:	57+10:3	5 <b>9</b> WAT	ER LE	VEL PF	RIOR TO SAML	ING (FT.)	2.15
METHOD OF SAMPLIN ( X ) PVC BAILER ( ( ) S.S. BAILER (	S.S. BAIL			PUMP		SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	EDICATED:
SAMPLING FIELD ME	ASUREMENT	DATA						
pH TIME (Std.Units		CONDUCT. nhos/cm)	TEMP. (C)	TURB (N1		eH (mV)	DISS. OXY. (PPM)	OTHER ( )
11:01 7.34	8	357	11.9	7.6	,2	-5.4	NA	NA
GENERAL INFORMAT WEATHER CONDITIO	TION ONS AT TIME	OF SAMPLIN	IG: Sun	JNY,	45°	, F		
SAMPLE CHARACTER	ISTICS. C	WAR		/				
COMMENTS:		/#~	. 10150					
TIME (Std.Units 7.34  GENERAL INFORMAT WEATHER CONDITIO SAMPLE CHARACTER COMMENTS:	SPEC. (ur  FION  ONS AT TIME  EISTICS:  OUP TAK	CONDUCT. nhos/cm) 557  OF SAMPLIN CLEAR	(C) 11.9 IG: Suc	7.6 224	ru) , 2 45°	(mV) - 5.4	(PPM)	( )

SITE N	IAME: E	DP-PARKI	NG LOT 4				POINT ID:	MV	V - 5
LOCAT	ION:	BUFFALO, N	EW YORK		FIELD	REPRE	ESENTATIVE:	ES&S-	B.CHIODO
SAMPL	E MATRIX:	GROU	NDWATER		LAB S	AMPLE	/ PROJECT#	:NA	
	IATION INFOR WATER LEVE	The results of the Control of the Co	5.33	_	DEPTH	н то в	OTTOM (FEET	1).7	'2
ELEVA	TION, MEAS.P	T.(MSL):	NA		ELEVA	TION, C	G/W (MSL):	NA	
DATE	11-29-	.17_			TIME: S	START/	FINISH	8:34	8:43
SHEEN	PRESENT: (	) YES ( <b>%</b> )	NO OIL	LAYER: ( )	YES	(*) NO	O THICK	NESS	
( X ) F					PUMP		EVACUATION (X) YES	EQUIPMENT	DEDICATED: NO
WELL F	RISER DIAMET	ER (IN.): ( X	2 ( ) 3	( ) 4 ( ) 6	6	( ) 0	THER		
ONE (	I) RISER VOL	.UME (GAL)	1.02		WAS \	VELL F	PURGED TO I	DRYNESS (	YES (X) NO
TOTAL	VOLUME EVA	CUATED (GAL	3.50		WATER	R LEVE	L AFTER PUI	RGE (FT.)	10.06
TURBI	DITY OF PUR	GINGS : STAR	CUE	AR		FINISH	TURB	10 - TAN	Ll8
EVACU	ATION STAB	LIZATION DAT	<u>'A</u>						
TIME	PURGE RATE	VOLUME	TEMP (C)	pH (SU)	)	SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
8:34 NA 0 14.5 7.08 1746 6.82 +7.1									
8:37	NA	11	15.5	7.06		2	100	42.50	+8.7
8:40	NA	2	12.8	7.05		2	500	102.50	+9.1
8:43	NA	3	16.1	7.04		2	.700	122.30	+9.4
SAMPL	ING INFORM	ATION							
DATE /	TIME 11-2	29-17/11	.14	TAW	ER LE	VEL PF	RIOR TO SAML	ING (FT.)	5.58
	<u>OD OF SAMPLI</u> PVC BAILER S. BAILER		ER (	) GRUNDFOS ) OTHER	PUMP		SAMPLING E (X) YES () NO	QUIPMENT D	EDICATED:
SAMPL	ING FIELD M	EASUREMENT	DATA						
TIME	pH (Std.Unit		. CONDUCT.	TEMP. (C)	ı	IDITY (U)	eH (mV)	DISS. OXY. (PPM)	OTHER (
11:16	7.17		909	14.9	6.0		+2.9	NA	NA
GENER WEATH	AL INFORMA	TION ONS AT TIME	OF SAMPLIN	ıg: Sui	uny	,45	of		
		RISTICS:							
COMM	ENTS:								
					,				
		SAMP	LE COLLECT	ON NUMBER	(c				

SITE NAME: ED	P-PARKIN	IG LOT 4				POINT ID:	MW -	- 211
LOCATION:	BUFFALO, NE	W YORK		FIELD R	REPRE	SENTATIVE:	ES&S-	B.CHIODO
SAMPLE MATRIX:	GROUN	IDWATER		LAB SA	MPLE	/ PROJECT #:	NA NA	
EVACUATION INFORMINITIAL WATER LEVEL	(FEET)	2.59		DEPTH	то в	OTTOM (FEET	8.0	۰7
ELEVATION, MEAS.PT	.(MSL):	NA		ELEVATI	ION, G	/W (MSL):	74	
DATE 11-29-	17			TIME: ST	rart/f	INISH	8:56,	9:05
SHEEN PRESENT: (	) YES (x)	NO OIL	LAYER: ( )	YES (	X) NO	THICK	NESS	
METHOD OF EVACUATION (X) PVC BAILER (C) S.S. BAILER (C)	) S.S. BAILE			PUMP			EQUIPMENT ( )	
WELL RISER DIAMETE	ER (IN.): ( X )	2 ( ) 3 (	) 4 ( ) 6	(	) 01	THER		
ONE (1) RISER VOLU	JME (GAL)	0.97		WAS W	ELL P	URGED TO D	DRYNESS ( )	YES (X) NO
TOTAL VOLUME EVAC	UATED (GAL)	3.00		WATER	LEVE	L AFTER PUF	RGE (FT.)	1.18
TURBIDITY OF PURG	INGS : START	TURB	10-TAN	F	INISH	TURB	10- TAN	
EVACUATION STABIL	IZATION DATA	4						
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)		SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
8.56 NA 0 14.2 7.38 1056 72.80 -7.9								
8'.59 NA	1	14.1	7.36		10	052	92.30	-6.5
9:02 NA	2	14.1	7.36		10	51	115.10	
9:05 NA	3	13.9	7.34		10	47	129.80	-5.6
SAMPLING INFORMA	TION							
DATE / TIME 11-29	-17 / 11	131	WAT	ER LEV	EL PR	RIOR TO SAML	ING (FT.)	2.66
METHOD OF SAMPLIN ( X ) PVC BAILER ( ( ) S.S. BAILER (	) S.S. BAIL	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	EDICATED:
SAMPLING FIELD ME	ASUREMENT	DATA						
pH TIME (Std.Units		CONDUCT. nhos/cm)	TEMP (C)	TURBII (NTI		eH (mV)	DISS. OXY. (PPM)	OTHER ( )
11:33 7.31		42	14.0	30.4		-4.4	NA	NA
GENERAL INFORMAT WEATHER CONDITIO SAMPLE CHARACTER	TION NS AT TIME	OF SAMPLIN	ıg:Si	1224	.45	OF		
SAMPLE CHARACTER	ISTICS:	CUEAR -	TANTIN	т /				
COMMENTS:				-				
× <del></del>		E 0011 T05	ON NUMBER	7	7			

SITE NAME:	E	DP-PARKIN	IG LOT 4			POINT ID:	MW	- 204
LOCATION:		BUFFALO, NE	W YORK		FIELD REP	PRESENTATIVE:	ES&S-	B.CHIODO
SAMPLE MAT	TRIX:	GROUN	IDWATER		LAB SAMP	PLE / PROJECT #	:NA	
EVACUATION INITIAL WATE	INFOR	RMATION L (FEET)	2.59		DEPTH TO	BOTTOM (FEET	7.2	7
ELEVATION, N	MEAS.P	T.(MSL):	NΑ		ELEVATION	N, G/W (MSL):	NA	
DATE 11-	.29	-17			TIME: STAF	RT/FINISH	9:16 1	9:25
SHEEN PRES	ENT: (	) YES ( <b>K</b> )	NO OIL	LAYER: ( )	YES (X)	NO THICK	NESS	
	AILER				PUMP	EVACUATION (X) YES		
WELL RISER	DIAMET	'ER (IN.): ( X )	2 ( ) 3 (	( ) 4 ( ) 6	j ( )	OTHER		
ONE (1) RISE	ER VOL	.UME (GAL)	0.75		WAS WEL	L PURGED TO	DRYNESS ( )	YES (X) NO
TOTAL VOLU	ME EVA	CUATED (GAL)	3.00	<del></del>	WATER LE	EVEL AFTER PU	RGE (FT.)	3,92
TURBIDITY C	F PUR	GINGS : START	Turbi	0- TAN	FINI	SH_C &A	R-TANT	127
EVACUATION	STAB	ILIZATION DATA	<u>A</u>					
TIME PURG	E RATE	VOLUME	TEMP (C)	pH (SU)	SP	. COND. (us/cm)	TURB (NTU)	eh (mV)
9:16 NA 0 11.1 7.34 847 142.00 -5.4								
9:19	۱A	1	11.4	7.36		795	78.00	-6.4
9:22	۱A	2	11.5	7.38		762	39.60	- 7. 3
6.76	١A	3	11.6	7.38		758	23.20	-7.4
SAMPLING IN	NFORM	ATION						
DATE / TIME	11-2	9-17 /11:	47	WAT	ER LEVEL	PRIOR TO SAMI	ING (FT.)	2.64
METHOD OF ( X ) PVC B. ( ) S.S. BAI	SAMPLI AILER LER	NG: ( ) S.S. BAIL ( ) WELL WI	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP	SAMPLING E (X) YES ( ) NO	QUIPMENT DI	EDICATED
SAMPLING F	IELD M	EASUREMENT	DATA					
TIME	pH (Std.Uni		CONDUCT. nhos/cm)	TEMP. (C)	TURBIDIT (NTU)	Y eH (mV)	DISS. OXY. (PPM)	OTHER (
11:49	7.36	, 7	33	11.2	25.80	-6.6	NA	NA
GENERAL IN WEATHER C	FORMA ONDITI	TION ONS AT TIME	OF SAMPLIN	ig: Su	NNY,	15 °F		
SAMPLE CHA	RACTE	RISTICS:	CUEAR-	TANT	~T			
COMMENTS:								
	-				0			
		SAMPI	E COLLECT	ON NUMBER	8			

SITE NAME: E	DP-PARKIN			11014	LOO	POINT ID:	MW	- 206
LOCATION:	BUFFALO, NE	W YORK		FIELD	REPRE	SENTATIVE:	ES&S-	B.CHIODO
SAMPLE MATRIX:	GROUN	IDWATER		LAB SA	AMPLE	/ PROJECT #:	NA	
EVACUATION INFOR		4.19		DEPTH	то в	OTTOM (FEET	, 10	.12
ELEVATION, MEAS.P	T.(MSL):	NA		ELEVA	rion, c	S/W (MSL):	NA	4
DATE 11-29-				TIME: S	TART/	FINISH	9:39 1	9:48
SHEEN PRESENT: (	) YES ( <b>X</b> )	NO OIL	LAYER: ( )	YES (	(X) NO	D THICK	NESS	
METHOD OF EVACU. ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP		EVACUATION (X) YES	EQUIPMENT ( )	DEDICATED: NO
WELL RISER DIAMET	TER (IN.): ( X )	2 ( ) 3 (	( ) 4 ( ) 6	3	( ) 0	THER	_	
ONE (1) RISER VOI		0.95		WAS V	VELL F	PURGED TO D	DRYNESS ( )	YES (X) NO
TOTAL VOLUME EVA	CUATED (GAL)	3.00				L AFTER PUR		
TURBIDITY OF PUR	GINGS : START	CUEF	AR - TAN					
EVACUATION STAB	ILIZATION DAT	A						
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)		SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
9:39 NA 0 12.7 6.98 903 9.76 +12.2								
9:45 NA	1	12.8	6.84		[]	20	25.10	+19.6
9:45 NA	2	12.8	6.79		1:	240	46.80	+21.4
9;48 NA	3	12.8	6.77		1	261	28.30	+22.3
SAMPLING INFORM	ATION							
DATE / TIME 11-3	19-17, 12	:06	WAT	ER LE	/EL PF	RIOR TO SAML	ING (FT.)	1.46
METHOD OF SAMPL ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		SAMPLING EG (X) YES ( ) NO	QUIPMENT DI	EDICATED:
SAMPLING FIELD M	EASUREMENT	DATA						
pH TIME (Std.Uni		CONDUCT. mhos/cm)	TEMP (C)	TURB (NT		eH (mV)	DISS. OXY. (PPM)	OTHER (
12:08 6.78	3 1	252	12.6	4.7	18	+22.1	NA	NA
GENERAL INFORMA WEATHER CONDITI	ATION ONS AT TIME	OF SAMPLIN	16: Su	JNY.	45	o F		
SAIVIPLE CHARACTE	NI31103	EAR						
COMMENTS:								
	SAMPI	E COLLECTI	ON NUMBER	9				

SITE N	IAME: E	DP-PARKII	NG LOT 4			POINT ID:	MW	- 202
LOCAT	ION:	BUFFALO, NE	W YORK		FIELD REP	RESENTATIVE:	ES&S-	B.CHIODO
SAMPL	E MATRIX:	GROUN	DWATER		LAB SAMP	LE / PROJECT #:	NA	
	MATION INFOR		3.99		DEPTH TO	BOTTOM (FEET	7.7	2
ELEVA:	TION, MEAS.P	T.(MSL):	NA		ELEVATION	I, G/W (MSL):	~ ~ A	
DATE	11-29	-17					7:04 ,	
SHEEN	PRESENT: (	) YES ( <b>★</b> )	NO OIL	LAYER: ( )	YES (YL)	NO THICK	NESS	<del></del>
( X ) F	DD OF EVACUA PVC BAILER S. BAILER	ATION: ( ) S.S. BAIL ( ) WELL WI	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP	EVACUATION (X) YES	EQUIPMENT ( )	DEDICATED: NO
WELL !	RISER DIAMET	ER (IN.): (X)	2 ( ) 3 (	( ) 4 ( ) 6	( )	OTHER	-	
ONE (	1) RISER VOL	UME (GAL) _	0.59		WAS WELI	L PURGED TO E	DRYNESS ( X)	YES ( ) NO
TOTAL	VOLUME EVA	CUATED (GAL)	1.00 T	DRY	WATER LE	VEL AFTER PUI	RGE (FT.)	RY
TURBII	DITY OF PUR	GINGS : START	_ C UEAR	-TANTI	FINI جو	SH_TURBI	o-Beow	<u>ي</u>
EVACU	JATION STABI	LIZATION DAT	<u>A</u>					
TIME	PURGE RATE	VOLUME	TEMP (C)	pH (SU)	SP	. COND. (us/cm)	TURB (NTU)	eh (mV)
7:04 NA 0 13.0 7.35 174.1 23.30 -6.3								
7:07	NA	1	13.0	7.15		310	120,00	+4.1
7:10	NA	2	13.0	7.09		352	>200	+6.6
	NA-	<del>-3-</del>						
SAMPL	ING INFORM	ATION						
DATE /	TIME 11-3	19-17/12	:23	WAT	ER LEVEL	PRIOR TO SAML	.ING (FT.)	4.86
(X)	DD OF SAMPLI PVC BAILER S. BAILER	<u>NG:</u> ( ) S.S. BAIL ( ) WELL WI	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		QUIPMENT DI	EDICATED:
SAMPL	ING FIELD M	EASUREMENT					V	
TIME	pH (Std.Unit		CONDUCT mhos/cm)	TEMP. (C)	TURBIDIT (NTU)	Y eH (mV)	DISS. OXY. (PPM)	OTHER ( )
12:25	6.85	5	69	12.5	18.70	+18.5	NA	NA
<u>GENER</u> WEAT	RAL INFORMA HER CONDITION	TION ONS AT TIME	OF SAMPLIN	IG: Sun	sny, 45	505		
SAMPL	E CHARACTE	RISTICS: C	FAR - TA	NT.~7				
COMM	ENTS:							
	-				10			
		SAMPI	LE COLLECTI	ON NUMBER				

SITE NAME: E	DP-PARKII	NG LOT 4			POINT ID:	MW -	- 208
LOCATION:	BUFFALO, NE	W YORK		FIELD REPR	RESENTATIVE:	ES&S-1	B.CHIODO
SAMPLE MATRIX:	GROUN	NDWATER		LAB SAMPL	E / PROJECT #	NA	
EVACUATION INFOR		4.30	73.00	DEPTH TO	BOTTOM (FEET	5.6	3
ELEVATION, MEAS.P	T.(MSL):	NA		ELEVATION,	G/W (MSL):	NA	\
DATE 11-29-	17			TIME: START	T/FINISH	ገ:25 /	7:28
SHEEN PRESENT: (	) YES (X)	NO OIL	LAYER: ( )	YES (X)	O THICK	NESS	
METHOD OF EVACUA ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP	EVACUATION (X) YES	EQUIPMENT ( )	DEDICATED: NO
WELL RISER DIAMET	ER (IN.): ( X )	2 ( ) 3 (	) 4 ( ) 6	( ) (	OTHER		
ONE (1) RISER VOL	UME (GAL)	0.21		WAS WELL	PURGED TO I	DRYNESS (X)	YES ( ) NO
TOTAL VOLUME EVA	CUATED (GAL)	0.25 1	6 DRY	WATER LEV	'EL AFTER PU	RGE (FT.) D	RY
TURBIDITY OF PUR	GINGS : START	CLEA	R-TANT	TINT FINIS	H TURB	10 - TAN	
EVACUATION STAB	ILIZATION DAT	<u>A</u>					
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)	SP.	COND. (us/cm)	TURB (NTU)	eh (mV)
7:25 NA 0 13,9 7.67 1782 16.30 -21.8							
7:28 NA	1	13.1	7.20		769	88.20	+1.3
-NA	æ						
NA-	<b>3</b> -						
SAMPLING INFORM							
DATE / TIME 11-2	19-17,12	:38	WAT	ER LEVEL F	PRIOR TO SAML	ING (FT.)	1.66
METHOD OF SAMPLI ( X ) PVC BAILER ( ) S.S. BAILER	NG: ( ) S.S. BAIL ( ) WELL WI	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP	SAMPLING E (X) YES ( ) NO	QUIPMENT DE	DICATED:
SAMPLING FIELD M	EASUREMENT	DATA					
TIME (Std.Uni		CONDUCT. mhos/cm)	TEMP. (C)	TURBIDITY (NTU)	eH (mV)	DISS. OXY. (PPM)	OTHER ( )
12:40 6.83	11	070	12.7	45.80	+19.4	NA	NA
GENERAL INFORMA WEATHER CONDITION	ATION ONS AT TIME	OF SAMPLIN	IG: Su	1NNY, 4	505		
SAMPLE CHARACTE	RISTICS:(	UEAR - T	AN TIM				
COMMENTS:				<del></del>			
-	CABADI	E COLLECTI	ON NUMBER	11			

SITE NAME: EDP-PARKING LOT 4 POINT ID: MW -	203						
LOCATION: BUFFALO, NEW YORK FIELD REPRESENTATIVE: ES&S-B.	CHIODO						
SAMPLE MATRIX: GROUNDWATER LAB SAMPLE / PROJECT #: NA							
EVACUATION INFORMATION   2.74   DEPTH TO BOTTOM (FEET)   5.6	6						
ELEVATION, MEAS.PT.(MSL): ~A ELEVATION, G/W (MSL): ~A							
DATE 11-29-17 TIME: START/FINISH 7:36	7:41						
SHEEN PRESENT: ( ) YES (X) NO OIL LAYER: ( ) YES (X) NO THICKNESS							
METHOD OF EVACUATION:  ( X ) PVC BAILER ( ) S.S. BAILER ( ) GRUNDFOS PUMP  ( ) S.S. BAILER ( ) WELL WIZARD ( ) OTHER							
WELL RISER DIAMETER (IN.): ( X ) 2 ( ) 3 ( ) 4 ( ) 6 ( ) OTHER							
ONE (1) RISER VOLUME (GAL) WAS WELL PURGED TO DRYNESS (X) Y	YES ( ) NO						
TOTAL VOLUME EVACUATED (GAL) / WATER LEVEL AFTER PURGE (FT.)	24						
TURBIDITY OF PURGINGS: START CUEAR - TAN TINT FINISH TURBIO - TAN							
EVACUATION STABILIZATION DATA							
TIME PURGE RATE VOLUME TEMP (C) pH (SU) SP. COND. (us/cm) TURB (NTU)	eh (mV)						
7:36 NA 0 12.4 7.84 369 19.20 -30.0							
7:38 NA 1 13.1 7.70 482 29.30	-24.1						
7:41 NA 2 13.3 7.64 522 49.60	-20.4						
NA 3							
SAMPLING INFORMATION	<b>.</b>						
DATE / TIME 11-29-17 / 12:59 WATER LEVEL PRIOR TO SAMLING (FT.) 4.	10						
METHOD OF SAMPLING: ( X ) PVC BAILER ( ) S.S. BAILER ( ) GRUNDFOS PUMP ( ) S.S. BAILER ( ) WELL WIZARD ( ) OTHER ( ) NO	DICATED:						
SAMPLING FIELD MEASUREMENT DATA							
TIME PH SPEC. CONDUCT. TEMP. TURBIDITY eH DISS. OXY. (C) (NTU) (mV) (PPM)	OTHER ( )						
12:56 7.15 686 12.9 12.30 +3.8 NA	NA						
GENERAL INFORMATION WEATHER CONDITIONS AT TIME OF SAMPLING: SUNNY, 45  SAMPLE CHARACTERISTICS: CUERR - TAN TIME							
SAMPLE CHARACTERISTICS: CUEAR - TANTINT							
COMMENTS:							
SAMPLE COLLECTION NUMBER 12							

# **OSC - EAST DELAVAN PROPERTY**

## FIELD INFORMATION

SAMPLE	SAMPLE	SAMPLE	SAMPLE METH. -SEE-	DEPTH TO WATER	DEPTH TO BOTTOM	Hd	SPEC. CONDUCT.	TEMP.	TURB.	еH	SAMPLE
ID#	DATE	TIME	NOTE	(FT)	(FT)	(S.U.)	(umhos/cm)	(C)	(UTU)	(ppm)	APPEARANCE
MW - 5	11/29/17	11:14	_	5.33	11.72	7.17	1009	14.9	6.03	+2.9	CLEAR
MW - 202	11/29/17	12:23	_	3.99	7.72	6.85	569	12.5	18,70	+18.5	CLEAR-TAN TINT
MW - 203	11/29/17	10:57	->	1.97	9.23	7.34	857	11.9	7.62	-5.4	CLEAR
MW - 204	11/29/17	11:47	_	2.59	7.27	7.36	733	11.2	25.80	-6.6	CLEAR-TAN TINT
MW - 206	11/29/17	12:06	>	4.19	10.12	6.78	1252	12.6	4.78	+22.1	CLEAR
MW - 208	11/29/17	12:38	->	4.30	7.27	6.83	1670	12.7	45.80	+19.4	CLEAR-TAN TINT
MW - 209	11/29/17	12:54	_	2.74	5.66	7.15	686	12.9	12.30	+3.8	CLEAR-TAN TINT
MW - 210	11/29/17	10:40	_	4.60	5.78	7.30	534	14.5	27.20	-3.9	CLEAR-TAN TINT
MW - 211	11/29/17	11:31	_	2.59	8.67	7.31	1042	14.0	30.40	-4.4	CLEAR-TAN TINT
MH-2	11/29/17	10:20	2	NA	NA	7.42	1083	13.7	29.30	-9.7	CLEAR-TAN TINT

SAMPLE METHOD

1-DEDICATED PVC BAILER

2-DIP SAMPLE BOTTLE

**NS-DRY-NOT SAMPLED** 

SITE NAME:	EDP-PA	RKING LOT 4	<u>.                                    </u>			POINT ID:	MV	<i>l</i> - 5
LOCATION:	BUFFA	LO, NEW YORK		FIELD F	REPRE	SENTATIVE:	ES&S-	B.CHIODO
SAMPLE MATR	X:	GROUNDWATER		LAB SA	MPLE	/ PROJECT#	NA	
EVACUATION II INITIAL WATER		. 7 7 7		DEPTH	то в	OTTOM (FEET	1).7	'2
ELEVATION, ME	AS.PT.(MSL):	NA		ELEVAT	ION, C	3/W (MSL):	NA	
DATE	29-17			TIME: ST	TART/	FINISH	8:34 1	8:43
SHEEN PRESEN	T: ( ) YES	(火) NO OII	L LAYER: ( )	YES (	<b>/</b> L) NO	) THICK	NESS	· · · · · · · · · · · · · · · · · · ·
	ER ( ) S.S	. BAILER (		PUMP		EVACUATION (X) YES		
WELL RISER DIA	METER (IN.):	(X)2 ()3	( ) 4 ( ) 6	6 (	) 0	THER	_	
ONE (1) RISER	VOLUME (G/	AL) 1.02		WAS W	ELL P	PURGED TO D	DRYNESS ( )	YES (X) NO
TOTAL VOLUME	EVACUATED	(GAL) 3,50		WATER	LEVE	L AFTER PUI	RGE (FT.)	10.06
TURBIDITY OF	PURGINGS :	START CU	EAR	F	INISH	TURB	10 - TAN	
EVACUATION S	TABILIZATIO	N DATA						
TIME PURGE F	ATE VOLU	JME TEMP (C)	pH (SU)		SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
8:34 NA 0 14.5 7.08 1746 6.82 +7.1								
8:37 NA	1	15.5	7.06		2	100	42.50	+8.7
8:40 NA	2	15.8	7.05		2	500	102.50	+9.1
8:43 NA	3	16.1	7.04		2	.700	122.30	+9.4
SAMPLING INFO	ORMATION							
DATE / TIME	1-29-17	/ 11:14	TAW	ER LEVI	EL PF	RIOR TO SAML	.ING (FT.)	5.58
METHOD OF SA ( X ) PVC BAIL ( ) S.S. BAILE	FR ( ) SS	S. BAILER (	) GRUNDFOS ) OTHER	PUMP		SAMPLING E (X) YES ( ) NO	QUIPMENT DI	EDICATED:
SAMPLING FIEL	D MEASURE	MENT DATA						
TIME (Sto	pH d.Units)	SPEC. CONDUCT. (umhos/cm)	TEMP. (C)	TURBII (NTL		eH (mV)	DISS. OXY. (PPM)	OTHER ( )
11:16	.17	1009	14.9	6.0	3	+2.9	NA	NA
GENERAL INFO	RMATION DITIONS AT	TIME OF SAMPLIN	ng: Sui	JNY,	45	o F		
SAMPLE CHARA	CTERISTICS	CUEAR						
COMMENTS:								
_		SAMPLE COLLECT	ION NUMBER	6				

SITE NAME:	EDF	P-PARKIN	IG LOT 4				POINT ID:	MW	- 202
LOCATION:	В	UFFALO, NE	W YORK		FIELD F	REPRE	SENTATIVE:	ES&S-	B.CHIODO
SAMPLE MA	TRIX:	GROUN	DWATER		LAB SA	MPLE	/ PROJECT #:	NA	
EVACUATION INITIAL WATE			3.99		DEPTH	TO B	OTTOM (FEET	7.7	2
ELEVATION,	MEAS.PT.(N	MSL):	JA	<del></del>	ELEVAT	ION, G	6/W (MSL):	N A	
DATE	-29-1	7_			TIME: S	TART/I	FINISH	7:04,	7:10
SHEEN PRES	SENT: ( )	YES (×)	NO OIL	.LAYER: ( )	YES (	VC) NO	THICK!	NESS	
METHOD OF ( X ) PVC B ( ) S.S. BA	AILER (	) S.S. BAILE			PUMP		EVACUATION (X) YES		
							THER		
ONE (1) RIS	ER VOLUM	ME (GAL)	0,59		WAS W	ELL P	URGED TO D	RYNESS (X)	YES ( ) NO
							L AFTER PUF		
TURBIDITY (	OF PURGIN	NGS : START	CUEAR	-TANTI	97 F	INISH	TURBI	o-Beow	2
EVACUATION	N STABILIZ	ZATION DATA	<u>\</u>						
TIME PURG	E RATE	VOLUME	TEMP (C)	pH (SU)		SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
7:04	NA	0	13,0	7.35		1	74.1	23.30	-6.3
7:07	NA	1	13.0	7.15		3	10	120.00	+4.1
7:10	NA	2	13,0	7.09		3	52	>200	+6.6
	NA	3							
SAMPLING I			23	WAT	ER LEV	EL PR	RIOR TO SAML	ING (FT.)	4.86
METHOD OF	SAMPLING BAILER ( ILER (	) S.S. BAILE ) WELL WI	ER ( ZARD (	) GRUNDFOS			SAMPLING EG (X) YES ( ) NO		
TIME	pH (Std.Units)		CONDUCT.	TEMP. (C)	TURBI		eH (mV)	DISS. OXY. (PPM)	OTHER ( )
	6.85		69	12.5	18.7		+18.5	NA	NA
GENERAL IN	NFORMATIC CONDITIONS	ON S AT TIME	OF SAMPLIN	ig: Sun	vny,	15	5		
SAMPLE CHA	ARACTERIS	STICS: CL	FAR - TA	N T. ~7	,				
COMMENTS:									

CHIODO								
- 10								
3								
8:20								
EDICATED:								
ES (X) NO								
59								
INT								
eh (mV)								
8:10 NA 0 10.4 7.35 509 10.30 -5.9 8:13 NA 1 11.5 7.32 7.35 29.80 -3.9								
3,9								
2,5								
-2.1								
.15								
OICATED:								
OTHER ( )								
NA								

SITE NAME: E	DP-PARKII	NG LOT 4			POINT ID:	MW -	204
LOCATION:	BUFFALO, NE	W YORK		FIELD REPRE	SENTATIVE:	ES&S-1	B.CHIODO
SAMPLE MATRIX:	GROUN	NDWATER		LAB SAMPLE	/ PROJECT #:	NA	
EVACUATION INFO	RMATION EL (FEET)	2.59		DEPTH TO B	OTTOM (FEET	7.2	7
ELEVATION, MEAS.P	T.(MSL):	NA		ELEVATION, C	S/W (MSL)	NA	
DATE 11-29	-17			TIME: START/	FINISH	9:16 1	9:25
SHEEN PRESENT: (	) YES ( <b>K</b> )	NO OIL	LAYER: ( )	YES (X) NO	O THICK	NESS	
METHOD OF EVACU ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL				EVACUATION (X) YES		
WELL RISER DIAME	ΓER (IN.): ( X )	2 ( ) 3	( ) 4 ( ) 6	( ) 0	THER		
ONE (1) RISER VOI	LUME (GAL)	0.75		WAS WELL F	PURGED TO E	DRYNESS ( )	YES (X) NO
TOTAL VOLUME EVA	CUATED (GAL)	3.00		WATER LEVE	EL AFTER PUR	RGE (FT.)	3,92
TURBIDITY OF PUR	GINGS : START	TURBI	D- TAN	FINISH	CUEAN	2-TANT	127
EVACUATION STAB	ILIZATION DAT	A					
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)	SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
9:16 NA 0 11.1 7.34 847 142.00 -5.4							
9:19 NA	1	11.4	7.36		795	78.00	-6.4
9:22 NA	2	11.5	7.38	,	762	39.60	- 7. 3
9:25 NA	3	11.6	7.38	r	758	23.20	-7.4
SAMPLING INFORM	ATION						
DATE / TIME 11-2	9-17 /11	.47	WAT	ER LEVEL PF	RIOR TO SAML	ING (FT.)	2.64
METHOD OF SAMPL ( X ) PVC BAILER ( ) S.S. BAILER	ING: ( ) S.S. BAIL ( ) WELL W	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP	SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	EDICATED:
SAMPLING FIELD M	IEASUREMENT	DATA					
pH TIME (Std.Uni		CONDUCT. mhos/cm)	TEMP <sub>s</sub> (C)	TURBIDITY (NTU)	eH (mV)	DISS. OXY (PPM)	OTHER (
11:49 7.30	0 7	33	11.2	25.80	-6.6	NA	NA
GENERAL INFORMA WEATHER CONDITI SAMPLE CHARACTE	ATION ONS AT TIME	OF SAMPLIN	ig: Su	NNY, 45	o F		
SAMPLE CHARACTE	RISTICS:	CUEAR-	TANT	U T			
COMMENTS:							
-	SAMP	LE COLLECTI	ON NUMBER	8			

SITE NAME: E	DP-PARKII	NG LOT 4				POINT ID:	MW	- 206
LOCATION:	BUFFALO, NE	W YORK		FIELD	REPRE	SENTATIVE:	ES&S-	B.CHIODO
SAMPLE MATRIX:	GROUN	NDWATER		LAB S	AMPLE	PROJECT #	NA	
EVACUATION INFOR		4.19		DEPTH	то в	OTTOM (FEET	, 10	.12
ELEVATION, MEAS.P	T.(MSL):	NA		ELEVA	TION, C	S/W (MSL):	NA	λ
DATE 11-29-				TIME: 8	START/	FINISH	9:39	9:48
SHEEN PRESENT: (	) YES ( X)	NO OIL	LAYER: ( )	YES	( X) N	O THICK	NESS	
METHOD OF EVACUA ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP		EVACUATION (X) YES		
WELL RISER DIAMET	'ER (IN.): (X)	2 ( ) 3	( ) 4 ( ) 6	6	( ) 0	THER		
ONE (1) RISER VOL	UME (GAL)	0.95		WAS V	NELL F	PURGED TO D	DRYNESS ( )	YES (X) NO
TOTAL VOLUME EVA	CUATED (GAL)	3.00		WATER	R LEVE	EL AFTER PU	RGE (FT.)	6.26
TURBIDITY OF PUR	GINGS : START	CEF	AR - TAN	TINT	FINISH	CUEAR	- TAN T	151
EVACUATION STAB	LIZATION DATA	A						
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)	):	SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
9:39 NA 0 12.7 6.98 903 9.76 +12.2								
9:42 NA	1	12.8	6.84		1)	20	25.10	+19.6
9:45 NA	2	12.8	6.79		1:	240	46.80	+21.4
9:48 NA	3	12.8	6.77		1	261	28.30	+22.3
SAMPLING INFORM	ATION						,	
DATE/TIME 11-2	9-17/12	.06	WAT	ER LE	VEL P	RIOR TO SAML	ING (FT.)	1.46
METHOD OF SAMPLI ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	EDICATED:
SAMPLING FIELD M	EASUREMENT	DATA						
pH TIME (Std.Unit		CONDUCT. mhos/cm)	TEMP. (C)		SIDITY TU)	eH (mV)	DISS. OXY. (PPM)	OTHER ( )
12:08 6.78		252	12.6	4.	78	+22.1	NA	NA
GENERAL INFORMA WEATHER CONDITION SAMPLE CHARACTE	TION ONS AT TIME	OF SAMPLIN	ig: Sui	JNY,	45	o F		
SAMPLE CHARACTE	RISTICS: C	EAR						
COMMENTS:								
·				C				
	SAMPL	E COLLECTI	ON NUMBER			*3		

SITE NAME: E	DP-PARKII	NG LOT 4				POINT ID:	MW .	- 208
LOCATION:	BUFFALO, NE	W YORK		FIELD RI	EPRE	SENTATIVE:	ES&S-I	B.CHIODO
SAMPLE MATRIX:	GROU	NDWATER		LAB SAN	MPLE	/ PROJECT #:	NA	
EVACUATION INFOR		4.30		DEPTH T	го в	OTTOM (FEET	5.6	3
ELEVATION, MEAS.P	T.(MSL):	NA		ELEVATION	ON, G	G/W (MSL)	NA	\
DATE 11-29-	17			TIME: ST	ART/I	FINISH	7:25 /	7:28
SHEEN PRESENT: (	) YES (X)	NO OIL	LAYER: ( )	YES (×	() NC	) THICK	NESS	
METHOD OF EVACUA ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP		EVACUATION (X) YES		
WELL RISER DIAMET	ER (IN.): (X)	2 ( ) 3	( ) 4 ( ) 6	5 (	) 01	THER		
ONE (1) RISER VOL	UME (GAL) _	0.21		WAS WE	ELL P	PURGED TO E	RYNESS (X)	YES ( ) NO
TOTAL VOLUME EVA	CUATED (GAL)	0.25 1	6 DRY	WATER I	LEVE	L AFTER PUF	RGE (FT.) D	RY
TURBIDITY OF PUR	GINGS : START	CLEA	R-TANT	TIUT FI	NISH	TURB	10 - TAN	
EVACUATION STAB	ILIZATION DAT	<u>A</u>						
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)	) [5	SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
7:25 NA 0 13.9 7.67 1782 16.30 -21.8								
7:28 NA	1	13.1	7.20		ľ	769	88.20	+1.3
-NA	Ŧ							
NA-	. <del>3.</del>							
SAMPLING INFORM								
DATE/TIME 11-2	9-17/12	:38	WAT	ER LEVE	L PR	RIOR TO SAML	ING (FT.)	.66
METHOD OF SAMPLI ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	DICATED:
SAMPLING FIELD M	EASUREMENT	DATA						
pH TIME (Std.Uni		CONDUCT. mhos/cm)	TEMP. (C)	TURBID (NTU	- 1	eH (mV)	DISS. OXY. (PPM)	OTHER ( )
12:40 6.83	11	070	12.7	45.80	٥	+19.4	NA	NA
GENERAL INFORMA	TION ONS AT TIME	OF SAMPLIN	IG: Su	INNY,	45	.06		
SAMPLE CHARACTE			AN TIM					
COMMENTS:								
	<b></b>		ON N	1 1				
	SAMP	LE COLLECTI	ON NUMBER					

SITE N	AME: E	DP-PARKII	NG LOT 4				POINT ID:	MW -	209
LOCAT	ION:	BUFFALO, NE	W YORK		FIELD REF	PRES	SENTATIVE:	ES&S-1	B.CHIODO
SAMPL	E MATRIX:	GROUN	NDWATER		LAB SAME	PLE /	PROJECT#:	NA	
	WATER LEVE		2.74		DEPTH TO	ВО	TTOM (FEET	5.0	06
ELEVA	TION, MEAS.P	T.(MSL):	NA		ELEVATION	۷, G/	W (MSL):	NΑ	
	11-29-							7:36 ,	
SHEEN	PRESENT: (	) YES ( <b>K</b> )	NO OIL	LAYER: ( )	YES (X)	NO	THICK	NESS	
( X ) F		ATION: ( ) S.S. BAIL ( ) WELL WI			PUMP			EQUIPMENT ( )	
WELL F	RISER DIAMET	ER (IN.): (X)	2 ( ) 3	( ) 4 ( ) 6	5 ()	OTH	HER	_	
ONE (	I) RISER VOL	UME (GAL) _	0.47		WAS WEL	L PL	JRGED TO E	ORYNESS (★)	YES ( ) NO
TOTAL	VOLUME EVA	CUATED (GAL)	1.00 T	o DRY	WATER LE	VEL	AFTER PUF	RGE (FT.)	RY
		GINGS : START							
EVACU	ATION STAB	LIZATION DATA	A						
TIME	PURGE RATE	VOLUME	TEMP (C)	pH (SU)	SP	. co	ND. (us/cm)	TURB (NTU)	eh (mV)
7:36	NA	0	12.4	7.84	1	30	69	19.20	-30.0
7:38	NA	1	13.1	7.70		4	85	29.30	-24.1
7:41	NA	2	13.3	7.64		5:	22	49.60	-20.4
	NA	3							
SAMPL	ING INFORM	ATION							
DATE /	TIME 11-2	9-17/12	:54	WAT	ER LEVEL	PRI	OR TO SAML	ING (FT.)	. 10
METHO ( X ) I ( ) S.	DD OF SAMPLI PVC BAILER S. BAILER	<u>NG:</u> ( ) S.S. BAIL ( ) WELL WI	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		X) YES ) NO	QUIPMENT DE	DICATED:
SAMPL	ING FIELD M	EASUREMENT						,	
TIME	pH (Std.Unit	111	CONDUCT. nhos/cm)	TEMP. (C)	TURBIDIT (NTU)	Y	eH (mV)	DISS. OXY. (PPM)	OTHER ( )
12:56	7.15	6	86	12.9	12.30		+3.8	NA	NA
GENER	RAL INFORMA	TION ONS AT TIME RISTICS: (	OF SAMPLIN	IG: Su	NN4, 4	15	oF		
SAMPL	E CHARACTE	RISTICS:(	CUEAR - T	AN TINT					
COMM	ENTS:								
	-								
		SAMPI	E COLLECTI	ON NUMBER	12	_			

SITE NAME: E	DP-PARKII	NG LOT 4				POINT ID:	MW	- 210
LOCATION:	BUFFALO, NE	W YORK	a	FIELD	REPRE	ESENTATIVE:	ES&S-	B.CHIODO
SAMPLE MATRIX:	GROUN	NDWATER		LAB S	AMPLE	PROJECT #	:NA	
EVACUATION INFOR		4.60		DEPTH	то в	OTTOM (FEET	5.	78
ELEVATION, MEAS.P	T.(MSL):	N A		ELEVA	TION, C	3/W (MSL):		A
DATE 11-29-				TIME: S	START/	FINISH	7:48 1	7:55
SHEEN PRESENT: (	) YES (X)	NO OIL	.LAYER: ( )	YES	(X) NO	O THICK	NESS	
METHOD OF EVACUA ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP		EVACUATION (X) YES		
WELL RISER DIAMET	ER (IN.): ( X )	2 ( ) 3	( ) 4 ( ) 6	6	( ) 0	THER		
ONE (1) RISER VOL	UME (GAL)	0.19		WAS V	VELL F	PURGED TO I	DRYNESS ( )	YES (X)NO
TOTAL VOLUME EVA	CUATED (GAL)	0.75		WATER	R LEVE	L AFTER PU	RGE (FT.)	5.45
TURBIDITY OF PUR	GINGS : START	CUEA	R		FINISH	TURBI	0- TAN	
EVACUATION STABI	LIZATION DATA	<u>A</u> ;:						
TIME PURGE RATE	VOLUME	TEMP (C)	pH (SU)		SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)
7:48 NA 0 13.6 7.47 508 8.42 -12.1								
7:50 NA	1	13.8	7.45			520	49.10	-//./
7:52 NA	2	13.8	7.44		5	58	105.10	-10.6
7:55 NA	3	14.0	7.44		5	566	120.60	-10.5
SAMPLING INFORMA	ATION						,	4. ~~
DATE / TIME 11-2	9-17 / 10	2:40	WAT	ER LE	/EL PF	RIOR TO SAML	ING (FT.)	1.76
METHOD OF SAMPLI ( X ) PVC BAILER ( ) S.S. BAILER		ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	EDICATED:
SAMPLING FIELD M								
TIME (Std.Unit	1	CONDUCT. nhos/cm)	TEMP. (C)	TURB (NT		eH (mV)	DISS. OXY. (PPM)	OTHER ( )
10:42 7.30		34	14.5	27.		-3.9	NA	NA
GENERAL INFORMA WEATHER CONDITIONS SAMPLE CHARACTER	TION ONS AT TIME	OF SAMPLIN	ig: Su	wwy.	45	o f		
SAMPLE CHARACTER	RISTICS: C	CUEAR	TAN TINT					
COMMENTS:								
	SAMPI	E COLLECT	ON NUMBER	3				

SITE NAME:	EDP-PARKI	NG LOT 4				POINT ID:	MW	- 211	
LOCATION:	BUFFALO, NI	EW YORK		FIELD	REPRE	SENTATIVE:	ES&S-	B.CHIODO	
SAMPLE MATRIX	GROU	NDWATER		LAB S	AMPLE	/ PROJECT #	:NA		
EVACUATION INF		2.59		DEPTH	I TO B	OTTOM (FEET	8.0	7	
ELEVATION, MEAS	.PT.(MSL):	NA		ELEVA	TION, G	S/W (MSL):	~ ~ ~ ~		
DATE 11-26	1-17			TIME: S	START/	FINISH	8:56 1	9:05	
SHEEN PRESENT:	( ) YES (x)	NO OIL	LAYER: ( )	YES	(X) NO	) THICK	NESS		
METHOD OF EVAC ( X ) PVC BAILER ( ) S.S. BAILER	C ) S.S. BAIL			PUMP		EVACUATION (X) YES			
WELL RISER DIAM	ETER (IN.): ( X )	2 ( ) 3	( ) 4 ( ) 6	6	( ) O	THER			
ONE (1) RISER V	OLUME (GAL)	0.97		WAS V	WELL F	PURGED TO	DRYNESS ( )	YES (X) NO	
TOTAL VOLUME E	VACUATED (GAL)	3,00		WATER	R LEVE	L AFTER PUI	RGE (FT.)	1.18	
TURBIDITY OF PI	IRGINGS : STAR	TURE	10-TAN		FINISH	TURB	10- TAN		
EVACUATION STA	BILIZATION DAT	<b>'A</b>							
TIME PURGE RA	TE VOLUME	TEMP (C)	pH (SU)	)	SP. C	OND. (us/cm)	TURB (NTU)	eh (mV)	
8.56 NA 0 14.2 7.38 1056 72.80 -7.9									
8:59 NA	1	14.1	7.36		10	052	92.30	-6.5	
9:02 NA	2	14.1	7.36		10	51	115.10	-6.4	
9:05 NA	3	13.9	7.34		10	947	129.80	-5.6	
SAMPLING INFOR	MATION								
DATE / TIME 11-	29-17 / 11	:31	WAT	ER LE	VEL PF	RIOR TO SAML	ING (FT.)	2.66	
METHOD OF SAMI ( X ) PVC BAILER ( ) S.S. BAILER	R ( ) S.S. BAIL	.ER ( IZARD (	) GRUNDFOS ) OTHER	PUMP		SAMPLING E (X) YES ( ) NO	QUIPMENT DE	EDICATED:	
SAMPLING FIELD						A	1		
TIME (Std.L	nits) (u	. CONDUCT. mhos/cm)	TEMP. (C)		IIDITY (U)	eH (mV)	DISS. OXY. (PPM)	OTHER ( )	
11:33 7.3		042	14.0	30.		-4.4	NA	NA	
GENERAL INFORMATION WEATHER CONDINGE SAMPLE CHARACTERS	MATION TIONS AT TIME	OF SAMPLIN	ig: Si	122	1.45	OF			
SAMPLE CHARACT	ERISTICS:	CUEAR -	TANTIN	7 /	, ,				
COMMENTS:									
				,					
	SAMP	LE COLLECT	ON NUMBER						

SITE NAME: E	DP-PARKII	NG LOT 4			POINT ID:	МН	- 2
LOCATION:	BUFFALO, NE	W YORK		FIELD REPR	ESENTATIVE:	ES&S-E	B.CHIODO
SAMPLE MATRIX:	STORI	MWATER		LAB SAMPLE	E / PROJECT #:	. NA	
EVACUATION INFOF				DEPTH TO E	BOTTOM (FEET	·)	
ELEVATION, MEAS.P	T.(MSL):			ELEVATION,	G/W (MSL)		
DATE				TIME: START	/FINISH		
SHEEN PRESENT: (	) YES ( )	NO QIL	LAYER: ( )	YES ( ) N	O THICK	NESS	
METHOD OF EVACUA ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL			PUMP	EVACUATION (X) YES	EQUIPMENT ( )	DEDICATED: NO
WELL RISER DIAMET	ER (IN.): (X)	2 ( ) 3	14 ()	6 ()	THER		
ONE (1) RISER VOL	UME (GAL)			WAS WELL	PURGED TO D	DRYNESS ( )	YES ( ) NO
TOTAL VOLUME EVA	CUATED (GAL)			WATER LEVI	EL AFTER PU	RGE (FT.)	
TURBIDITY OF PUR	GINGS : START			FINIS	1		
EVACUATION STAB	ILIZATION DATA	<u>A</u>					
TIME PURGE RATE	VOLUME	TEMP (C)	ρΗ (SU	) SP. (	COND. (us/cm)	TURB (NTU)	eh (mV)
TIME PURGE RATE VOLUME TEMP (C) pH (SU) SP. COND. (us/cm) TURB (NTU) eh (mV)  NA 0							
NA	1			><			
NA	2						
NA	3						
SAMPLING INFORM	ATION						
DATE/TIME 11-3	29-17, 10	20	WAT	TER LEVEL P	RIOR TO SAML	ING (FT.)	JA
METHOD OF SAMPLI ( X ) PVC BAILER ( ) S.S. BAILER	( ) S.S. BAIL	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP	SAMPLING EG (X) YES ( ) NO	QUIPMENT DE	DICATED:
SAMPLING FIELD M	EASUREMENT	DATA					
pH TIME (Std.Uni	n c	CONDUCT, mhos/cm)	TEMP (C)	TURBIDITY (NTU)	eH (mV)	DISS. OXY. (PPM)	OTHER (
10:22 7.4	2 10	283	13.7	29.30	-9.7	NA	NA
GENERAL INFORMA WEATHER CONDITION SAMPLE CHARACTE	TION ONS AT TIME	OF SAMPLIN	1G: <u>Su</u>	inny, 4.	5 ° F		
SAMPLE CHARACTE	RISTICS: C	UEAR - T	AN TINT				
COMMENTS:							
	SAMPI	E COLLECTI	ON NUMBER	2			

SITE N	NAME: E	DP-PARKII	NG LOT 4	<u> </u>		POINT ID:	MW	- 209	
LOCAT	TION:	BUFFALO, NE	W YORK		FIELD REI	PRESENTATIVE:	ES&S-	B.CHIODO	
SAMPI	LE MATRIX:	GROUI	NDWATER		LAB SAME	PLE / PROJECT :	#:NA		
	JATION INFOR WATER LEVE		2.74	<del></del>	DEPTH TO	BOTTOM (FEE	т) 5.0	66	
ELEVA	TION, MEAS.P	T.(MSL):	NA		ELEVATIO	N, G/W (MSL):	NA		
DATE	11-29-	17			TIME: STAI	RT/FINISH	7:36	7:41	
SHEEN	PRESENT: (	) YES (X)	NO OH	LAYER: ( )	YES (X)	NO THICK	KNESS		
( X ) I					PUMP	EVACUATION (X) YES	N EQUIPMENT	DEDICATED: NO	
WELL	RISER DIAMET	ER (IN.): (X)	2 ( ) 3	( ) 4 ( ) (	3 ()	OTHER			
ONE (	1) RISER VOL	.UME (GAL) _	0.47		WAS WEL	L PURGED TO	DRYNESS (X	YES ( ) NO	
TOTAL	VOLUME EVA	CUATED (GAL)	1.00 7	o DRY	WATER LE	EVEL AFTER PL	JRGE (FT.)	RY	
TURBII	OITY OF PUR	GINGS : START	CUEAR	- TAN TIN	T FINI	SH_TUR	BID - TAN	)	
EVACU	JATION STABI	ILIZATION DAT	<u>A</u>						
TIME	PURGE RATE	VOLUME	TEMP (C)	pH (SU	) SP	. COND. (us/cm)	TURB (NTU)	eh (mV)	
7:36 NA 0 12.4 7.84 369 19.20 -30.0									
7:38	NA	11	13.1	7.70		482	29.30	-24.1	
7:41	NA	2	13,3	7.64		522	49,60	-20.4	
	NAT	<del>3</del> -							
SAMPL	ING INFORMA	ATION					,		
DATE /	TIME 11-2	9-17/12	.54	WAT	ER LEVEL	PRIOR TO SAM	LING (FT.)	.10	
( X ) F	<u>DD OF SAMPLI</u> PVC BAILER S. BAILER	<u>NG:</u> ( ) S.S. BAIL ( ) WELL WI	ER ( ZARD (	) GRUNDFOS ) OTHER	PUMP		EQUIPMENT DE	EDICATED:	
SAMPL	ING FIELD MI	EASUREMENT							
TIME	pH (Std.Unit	1	CONDUCT. nhos/cm)	TEMP. (C)	TURBIDIT (NTU)	Y eH (mV)	DISS. OXY. (PPM)	OTHER ( )	
12:56	7.15	6	86	12.9	12.30	+3.8	NA	NA	
<b>GENER</b> WEATH	AL INFORMA	TION ONS AT TIME	OF SAMPLIN	ig: Su	NN4.4	5 °F			
SAMPL	E CHARACTER	RISTICS: (	LUEAR - T	AN TINT	7. ,				
	ENTS:								
	·				1 =				
		SAMPL	E COLLECTI	ON NUMBER	12				

## **APPENDIX C**

## NYSDEC EDD 480-128117-1\_EQUNYSDEC

Previously Provided by email – March 13, 2018

## **TEST AMERICA EDD FILE**

Previously Provided by email – March 13, 2018

## APPENDIX D

NYSDEC SITE MANAGEMENT PERIODIC REVIEW REPORT (PRR)



## Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form

Sit	Site Details ite No. 915152	Box 1				
Sit	Site Name Saginaw - Buffalo					
Site Address: 320 Scajaquada St. Zip Code: 14215 City/Town: Buffalo County: Erie Site Acreage: 8.6						
Reporting Period: December 07, 2016 to December 07, 2017						
		YES	NO			
1.	Is the information above correct?	X				
	If NO, include handwritten above or on a separate sheet.					
2.	Has some or all of the site property been sold, subdivided, merged, or use tax map amendment during this Reporting Period?	ndergone a	X			
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	od	X			
4.	Have any federal, state, and/or local permits (e.g., building, discharge) be for or at the property during this Reporting Period?	peen issued	X			
	If you answered YES to questions 2 thru 4, include documentation that documentation has been previously submitted with this certific					
5.	. Is the site currently undergoing development?	0	X			
		Box 2				
		YES	NO			
6.	. Is the current site use consistent with the use(s) listed below?	X	Ū			
7.	. Are all ICs/ECs in place and functioning as designed?	Х	<u> </u>			
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.						
A Corrective Measures Work Plan must be submitted along with this form to address these issues.						
	Vincent J Grandinetti  ignature of Owner, Remedial Party of Designated Representative	ebruary 05, 2018 Date				

SITE NO. 915152 Box 3

## **Description of Institutional Controls**

<u>Parcel</u>

Owner

Institutional Control

101.24-1-3

East Delavan Property, LLC

i) Inspection and Maintenance of Parking Lot #4.

- ii) Groundwater and Sewer Monitoring according to the Operation and Maintenance Manual, dated April 2, 2001.
- iii) Modification to O&M Frequency Dated January 4, 2004.
- iv) Modification to O&M Frequency Dated September 22, 2008.

Box 4

## **Description of Engineering Controls**

Parcel

Engineering Control

101.24-1-3

Cover System

Box 5
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	Pariodia Pavious Panart (RRP) Cartification Statements				
	Periodic Review Report (PRR) Certification Statements				
	I certify by checking "YES" below that:				
	<ul> <li>a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;</li> </ul>				
	<ul> <li>b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.</li> </ul>				
	YES NO				
	$\mathbf{x}$				
207	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:				
	(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;				
	(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;				
	<ul><li>(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;</li></ul>				
	(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and				
	(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.				
	YES NO				
	$\mathbf{x}$				
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.				
	A Corrective Measures Work Plan must be submitted along with this form to address these issues.				
	Signature of Owner, Remedial Party or Designated Representative Date				

## IC CERTIFICATIONS SITE NO. 915152

Box 6

## SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law

Vincent J Grandinetti at 36	67Lower River Road, Youngstown, New York 14174 print business address						
am certifying as <u>DESIGNATED REPRES</u>	ENTATIVE (Owner or Remedial Party						
for the Site named in the Site Details Section of this form.							
Signature of Owner, Remedial Party, or Design Rendering Certification	February 05, 2018 ated Representative Date						

### IC/EC CERTIFICATIONS

Box 7

## **Professional Engineer Signature**

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

print name print business address Buffalo, NY 14263 am certifying as a Professional Engineer for the East Delavan Avenue Property LLC (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or

Remedial Party, Rendering Certification

(Required for PE)

HAWARE H IS A VIOLATION OF STETEM FEED, SUBDIFICION LAW FOR MAY PERDOM STATE EDUCATION LAW FOR MAY PERDOM SINEES ACTING UNDER THE DIRECTION OF A LICENSED FROFESSIONAL ENGINEER OF LAND SURVEYOR TO ALTER, IN ARY WAT, MAY PLANS, SPECIFICATIONS, PLATE OR REPORTS TO WHICH THE SLAY OF A EMOCUSIONAL ENGINEER OF LAND STREET, AND PERSON AL ENGINEER OF LAND STREET, AND MARK SERVE METALSO.

Stamp

## **APPENDIX C**

NYSDEC EDD 480-128117-1\_EQUNYSDEC Previously Provided by email – March 13, 2018

**TEST AMERICA EDD FILE**Previously Provided by email – March 13, 2018