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June 13, 2016

David Adams
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T1606767 SELF Supplemental Site Assm.

Dear David Adams:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, May 16, 2016. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Heidi Brooks'.

Heidi Brooks
HBrooks@AELLab.com

Enclosures

Report ID: 425405 - 7028395

Page 1 of 43

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SAMPLE SUMMARY

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1606767001	EW-39	Water	5/16/2016 13:30	5/16/2016 15:00
T1606767002	TH-20B	Water	5/16/2016 13:03	5/16/2016 15:00
T1606767003	TH-67	Water	5/16/2016 12:15	5/16/2016 15:00
T1606767004	TH-66A	Water	5/16/2016 11:33	5/16/2016 15:00
T1606767005	TH-38B	Water	5/16/2016 10:57	5/16/2016 15:00
T1606767006	Field Blank	Water	5/16/2016 10:35	5/16/2016 15:00
T1606767007	Travel Blank	Water	5/16/2016 00:00	5/16/2016 15:00

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767001**
Sample ID: **EW-39**

Date Received: 05/16/16 15:00 Matrix: Water
Date Collected: 05/16/16 13:30

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	33297		umhos/cm	1			5/16/2016 13:30	
Dissolved Oxygen	0.05		mg/L	1			5/16/2016 13:30	
ORP-2580BW	-56		mV	1			5/16/2016 13:30	
Temperature	37.93		°C	1			5/16/2016 13:30	
Turbidity	23		NTU	1			5/16/2016 13:30	
pH	7.63		SU	1			5/16/2016 13:30	
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Beryllium	8.4	U	ug/L	75	45	8.4	5/20/2016 13:32	T
Iron	7200	I	ug/L	75	7500	1600	5/20/2016 13:32	T
Sodium	5500		mg/L	75	15	3.1	5/20/2016 13:32	T
Zinc	150	U	ug/L	75	750	150	5/20/2016 13:32	T
Analysis Desc: SW846 6020B Analysis, Total			Preparation Method: SW-846 3010A Analytical Method: SW-846 6020					
Antimony	4.2		ug/L	2	1.4	0.091	5/23/2016 14:40	J
Arsenic	19		ug/L	2	2.0	0.15	5/23/2016 14:40	J
Barium	490		ug/L	2	1.2	0.25	5/23/2016 14:40	J
Cadmium	0.18	I	ug/L	2	1.0	0.056	5/23/2016 14:40	J
Chromium	35		ug/L	2	4.0	0.21	5/23/2016 14:40	J
Cobalt	8.7		ug/L	2	1.0	0.38	5/23/2016 14:40	J
Copper	2.1		ug/L	2	1.4	0.22	5/23/2016 14:40	J
Lead	5.1		ug/L	2	1.4	0.48	5/23/2016 14:40	J
Nickel	32		ug/L	2	1.6	0.22	5/23/2016 14:40	J
Selenium	210		ug/L	2	10	1.2	5/23/2016 14:40	J
Silver	0.19	I	ug/L	2	1.0	0.054	5/23/2016 14:40	J
Thallium	0.11	U	ug/L	2	0.40	0.11	5/23/2016 14:40	J
Vanadium	10		ug/L	2	4.0	1.4	5/23/2016 14:40	J
Analysis Desc: SW846 7470A Analysis, Water			Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A					
Mercury	0.084	U	ug/L	1	0.10	0.084	5/27/2016 17:35	T

SEMIVOLATILES

Report ID: 425405 - 7028395

Page 3 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767001**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **EW-39**

Date Collected: 05/16/16 13:30

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW 8011 Analysis, Water		Preparation Method: SW-846 8011						
		Analytical Method: SW-846 8011						
1,2-Dibromo-3-Chloropropane	0.0060	U	ug/L	1	0.020	0.0060	5/26/2016 22:03	J
Ethylene Dibromide (EDB)	0.0062	U	ug/L	1	0.020	0.0062	5/26/2016 22:03	J
Tetrachloro-m-xylene (S)	0	J4	%	1	64-150		5/26/2016 22:03	

VOLATILES

Analysis Desc: 8260B Analysis, Water		Preparation Method: SW-846 5030B						
		Analytical Method: SW-846 8260B						
1,1,1,2-Tetrachloroethane	0.64	U	ug/L	1	1.0	0.64	5/26/2016 20:05	T
1,1,1-Trichloroethane	0.44	U	ug/L	1	1.0	0.44	5/26/2016 20:05	T
1,1,2,2-Tetrachloroethane	0.41	U	ug/L	1	1.0	0.41	5/26/2016 20:05	T
1,1,2-Trichloroethane	0.40	U	ug/L	1	1.0	0.40	5/26/2016 20:05	T
1,1-Dichloroethane	0.86	U	ug/L	1	1.0	0.86	5/26/2016 20:05	T
1,1-Dichloroethylene	0.70	U	ug/L	1	1.0	0.70	5/26/2016 20:05	T
1,2,3-Trichloropropane	0.58	U	ug/L	1	1.0	0.58	5/26/2016 20:05	T
1,2-Dichlorobenzene	0.63	U	ug/L	1	1.0	0.63	5/26/2016 20:05	T
1,2-Dichloroethane	0.68	U	ug/L	1	1.0	0.68	5/26/2016 20:05	T
1,2-Dichloropropane	0.76	U	ug/L	1	1.0	0.76	5/26/2016 20:05	T
1,4-Dichlorobenzene	1.3		ug/L	1	1.0	0.97	5/26/2016 20:05	T
2-Butanone (MEK)	0.59	U	ug/L	1	1.0	0.59	5/26/2016 20:05	T
2-Hexanone	0.99	U	ug/L	1	1.0	0.99	5/26/2016 20:05	T
4-Methyl-2-pentanone (MIBK)	0.93	U	ug/L	1	1.0	0.93	5/26/2016 20:05	T
Acetone	8.2		ug/L	1	1.0	1.0	5/26/2016 20:05	T
Acrylonitrile	4.6	U	ug/L	1	5.0	4.6	5/26/2016 20:05	T
Benzene	1.1		ug/L	1	1.0	0.34	5/26/2016 20:05	T
Bromochloromethane	0.33	U	ug/L	1	1.0	0.33	5/26/2016 20:05	T
Bromodichloromethane	0.49	U	ug/L	1	1.0	0.49	5/26/2016 20:05	T
Bromoform	0.61	U	ug/L	1	1.0	0.61	5/26/2016 20:05	T
Bromomethane	0.81	U	ug/L	1	1.0	0.81	5/26/2016 20:05	T
Carbon Disulfide	0.49	U	ug/L	1	1.0	0.49	5/26/2016 20:05	T
Carbon Tetrachloride	0.57	U	ug/L	1	1.0	0.57	5/26/2016 20:05	T
Chlorobenzene	2.6		ug/L	1	1.0	0.56	5/26/2016 20:05	T
Chloroethane	0.38	U	ug/L	1	1.0	0.38	5/26/2016 20:05	T
Chloroform	0.31	U	ug/L	1	1.0	0.31	5/26/2016 20:05	T
Chloromethane	0.70	U	ug/L	1	1.0	0.70	5/26/2016 20:05	T
Dibromochloromethane	0.56	U	ug/L	1	1.0	0.56	5/26/2016 20:05	T
Dibromomethane	0.76	U	ug/L	1	1.0	0.76	5/26/2016 20:05	T
Ethylbenzene	3.0		ug/L	1	1.0	0.26	5/26/2016 20:05	T

Report ID: 425405 - 7028395

Page 4 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767001**
Sample ID: **EW-39**

Date Received: 05/16/16 15:00 Matrix: Water
Date Collected: 05/16/16 13:30

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.65	U	ug/L	1	1.0	0.65	5/26/2016 20:05	T
Methylene Chloride	1.0	U	ug/L	1	1.0	1.0	5/26/2016 20:05	T
Styrene	0.84	U	ug/L	1	1.0	0.84	5/26/2016 20:05	T
Tetrachloroethylene (PCE)	0.52	U	ug/L	1	1.0	0.52	5/26/2016 20:05	T
Toluene	2.5		ug/L	1	1.0	0.45	5/26/2016 20:05	T
Trichloroethene	0.66	U	ug/L	1	1.0	0.66	5/26/2016 20:05	T
Trichlorofluoromethane	0.84	U	ug/L	1	1.0	0.84	5/26/2016 20:05	T
Vinyl Acetate	0.40	U	ug/L	1	1.0	0.40	5/26/2016 20:05	T
Vinyl Chloride	0.73	U	ug/L	1	1.0	0.73	5/26/2016 20:05	T
Xylene (Total)	3.1		ug/L	1	3.0	1.3	5/26/2016 20:05	T
cis-1,2-Dichloroethylene	0.51	U	ug/L	1	1.0	0.51	5/26/2016 20:05	T
cis-1,3-Dichloropropene	0.36	U	ug/L	1	1.0	0.36	5/26/2016 20:05	T
trans-1,2-Dichloroethylene	0.50	U	ug/L	1	1.0	0.50	5/26/2016 20:05	T
trans-1,3-Dichloropropylene	0.42	U	ug/L	1	1.0	0.42	5/26/2016 20:05	T
trans-1,4-Dichloro-2-butene	0.35	U	ug/L	1	1.0	0.35	5/26/2016 20:05	T
1,2-Dichloroethane-d4 (S)	98		%	1	70-130		5/26/2016 20:05	
Toluene-d8 (S)	91		%	1	70-130		5/26/2016 20:05	
Bromofluorobenzene (S)	100		%	1	70-130		5/26/2016 20:05	

WET CHEMISTRY

Analysis Desc: Ammonia,E350.1,Water		Analytical Method: EPA 350.1						
Ammonia (N)	390		mg/L	250	25.00	6.24	5/20/2016 11:47	T
Analysis Desc: Tot Dissolved Solids,SM2540C		Analytical Method: SM 2540 C						
Total Dissolved Solids	14000		mg/L	1.25	12	12	5/20/2016 16:44	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water		Analytical Method: SM 4500-Cl-E						
Chloride	6300		mg/L	125	620	320	5/26/2016 15:16	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water		Analytical Method: SM 4500NO3-F						
Nitrate	0.18	U	mg/L	1	0.20	0.18	5/17/2016 18:08	T

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767002**
Sample ID: **TH-20B**

Date Received: 05/16/16 15:00 Matrix: Water
Date Collected: 05/16/16 13:03

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	473		umhos/cm	1			5/16/2016 13:03	
Dissolved Oxygen	0.23		mg/L	1			5/16/2016 13:03	
ORP-2580BW	-9.6		mV	1			5/16/2016 13:03	
Temperature	23.47		°C	1			5/16/2016 13:03	
Turbidity	1.39		NTU	1			5/16/2016 13:03	
pH	5.67		SU	1			5/16/2016 13:03	
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Beryllium	0.11	U	ug/L	1	0.60	0.11	5/18/2016 09:45	T
Iron	7300		ug/L	1	100	21	5/18/2016 09:45	T
Sodium	35		mg/L	1	0.20	0.042	5/18/2016 09:45	T
Zinc	10		ug/L	1	10	2.0	5/18/2016 09:45	T
Analysis Desc: SW846 6020B Analysis, Total			Preparation Method: SW-846 3010A Analytical Method: SW-846 6020					
Antimony	0.92		ug/L	1	0.70	0.046	5/23/2016 14:44	J
Arsenic	7.5		ug/L	1	1.0	0.077	5/23/2016 14:44	J
Barium	2.8		ug/L	1	0.60	0.12	5/23/2016 14:44	J
Cadmium	0.028	U	ug/L	1	0.50	0.028	5/23/2016 14:44	J
Chromium	0.94	I	ug/L	1	2.0	0.11	5/23/2016 14:44	J
Cobalt	0.44	I	ug/L	1	0.50	0.19	5/23/2016 14:44	J
Copper	0.25	I	ug/L	1	0.70	0.11	5/23/2016 14:44	J
Lead	0.24	U	ug/L	1	0.70	0.24	5/23/2016 14:44	J
Nickel	1.6		ug/L	1	0.80	0.11	5/23/2016 14:44	J
Selenium	1.9	I	ug/L	1	5.0	0.58	5/23/2016 14:44	J
Silver	0.034	I	ug/L	1	0.50	0.027	5/23/2016 14:44	J
Thallium	0.057	U	ug/L	1	0.20	0.057	5/23/2016 14:44	J
Vanadium	8.7		ug/L	1	2.0	0.71	5/23/2016 14:44	J
Analysis Desc: SW846 7470A Analysis, Water			Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A					
Mercury	0.084	U	ug/L	1	0.10	0.084	5/27/2016 17:35	T

SEMIVOLATILES

Report ID: 425405 - 7028395

Page 6 of 43

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767002**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-20B**

Date Collected: 05/16/16 13:03

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW 8011 Analysis, Water		Preparation Method: SW-846 8011						
		Analytical Method: SW-846 8011						
1,2-Dibromo-3-Chloropropane	0.0060	U	ug/L	1	0.020	0.0060	5/26/2016 22:31	J
Ethylene Dibromide (EDB)	0.0062	U	ug/L	1	0.020	0.0062	5/26/2016 22:31	J
Tetrachloro-m-xylene (S)	39	J4	%	1	64-150		5/26/2016 22:31	

VOLATILES

Analysis Desc: 8260B Analysis, Water		Preparation Method: SW-846 5030B						
		Analytical Method: SW-846 8260B						
1,1,1,2-Tetrachloroethane	0.64	U	ug/L	1	1.0	0.64	5/25/2016 18:02	T
1,1,1-Trichloroethane	0.44	U	ug/L	1	1.0	0.44	5/25/2016 18:02	T
1,1,2,2-Tetrachloroethane	0.41	U	ug/L	1	1.0	0.41	5/25/2016 18:02	T
1,1,2-Trichloroethane	0.40	U	ug/L	1	1.0	0.40	5/25/2016 18:02	T
1,1-Dichloroethane	0.86	U	ug/L	1	1.0	0.86	5/25/2016 18:02	T
1,1-Dichloroethylene	0.70	U	ug/L	1	1.0	0.70	5/25/2016 18:02	T
1,2,3-Trichloropropane	0.58	U	ug/L	1	1.0	0.58	5/25/2016 18:02	T
1,2-Dichlorobenzene	0.63	U	ug/L	1	1.0	0.63	5/25/2016 18:02	T
1,2-Dichloroethane	0.68	U	ug/L	1	1.0	0.68	5/25/2016 18:02	T
1,2-Dichloropropane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 18:02	T
1,4-Dichlorobenzene	0.97	U	ug/L	1	1.0	0.97	5/25/2016 18:02	T
2-Butanone (MEK)	0.59	U	ug/L	1	1.0	0.59	5/25/2016 18:02	T
2-Hexanone	0.99	U	ug/L	1	1.0	0.99	5/25/2016 18:02	T
4-Methyl-2-pentanone (MIBK)	0.93	U	ug/L	1	1.0	0.93	5/25/2016 18:02	T
Acetone	1.0	U	ug/L	1	1.0	1.0	5/25/2016 18:02	T
Acrylonitrile	4.6	U	ug/L	1	5.0	4.6	5/25/2016 18:02	T
Benzene	0.34	U	ug/L	1	1.0	0.34	5/25/2016 18:02	T
Bromochloromethane	0.33	U	ug/L	1	1.0	0.33	5/25/2016 18:02	T
Bromodichloromethane	0.49	U	ug/L	1	1.0	0.49	5/25/2016 18:02	T
Bromoform	0.61	U	ug/L	1	1.0	0.61	5/25/2016 18:02	T
Bromomethane	0.81	U	ug/L	1	1.0	0.81	5/25/2016 18:02	T
Carbon Disulfide	0.49	U	ug/L	1	1.0	0.49	5/25/2016 18:02	T
Carbon Tetrachloride	0.57	U	ug/L	1	1.0	0.57	5/25/2016 18:02	T
Chlorobenzene	0.56	U	ug/L	1	1.0	0.56	5/25/2016 18:02	T
Chloroethane	0.38	U	ug/L	1	1.0	0.38	5/25/2016 18:02	T
Chloroform	0.31	U	ug/L	1	1.0	0.31	5/25/2016 18:02	T
Chloromethane	0.70	U	ug/L	1	1.0	0.70	5/25/2016 18:02	T
Dibromochloromethane	0.56	U	ug/L	1	1.0	0.56	5/25/2016 18:02	T
Dibromomethane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 18:02	T
Ethylbenzene	0.26	U	ug/L	1	1.0	0.26	5/25/2016 18:02	T

Report ID: 425405 - 7028395

Page 7 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767002**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-20B**

Date Collected: 05/16/16 13:03

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.65	U	ug/L	1	1.0	0.65	5/25/2016 18:02	T
Methylene Chloride	1.0	U	ug/L	1	1.0	1.0	5/25/2016 18:02	T
Styrene	0.84	U	ug/L	1	1.0	0.84	5/25/2016 18:02	T
Tetrachloroethylene (PCE)	0.52	U	ug/L	1	1.0	0.52	5/25/2016 18:02	T
Toluene	0.45	U	ug/L	1	1.0	0.45	5/25/2016 18:02	T
Trichloroethene	0.66	U	ug/L	1	1.0	0.66	5/25/2016 18:02	T
Trichlorofluoromethane	0.84	U	ug/L	1	1.0	0.84	5/25/2016 18:02	T
Vinyl Acetate	0.40	U	ug/L	1	1.0	0.40	5/25/2016 18:02	T
Vinyl Chloride	0.73	U	ug/L	1	1.0	0.73	5/25/2016 18:02	T
Xylene (Total)	1.3	U	ug/L	1	3.0	1.3	5/25/2016 18:02	T
cis-1,2-Dichloroethylene	0.51	U	ug/L	1	1.0	0.51	5/25/2016 18:02	T
cis-1,3-Dichloropropene	0.36	U	ug/L	1	1.0	0.36	5/25/2016 18:02	T
trans-1,2-Dichloroethylene	0.50	U	ug/L	1	1.0	0.50	5/25/2016 18:02	T
trans-1,3-Dichloropropylene	0.42	U	ug/L	1	1.0	0.42	5/25/2016 18:02	T
trans-1,4-Dichloro-2-butene	0.35	U	ug/L	1	1.0	0.35	5/25/2016 18:02	T
1,2-Dichloroethane-d4 (S)	108		%	1	70-130		5/25/2016 18:02	
Toluene-d8 (S)	109		%	1	70-130		5/25/2016 18:02	
Bromofluorobenzene (S)	111		%	1	70-130		5/25/2016 18:02	

WET CHEMISTRY

Analysis Desc: Ammonia,E350.1,Water		Analytical Method: EPA 350.1						
Ammonia (N)	2.2		mg/L	5	0.50	0.12	5/23/2016 12:07	T
Analysis Desc: Tot Dissolved Solids,SM2540C		Analytical Method: SM 2540 C						
Total Dissolved Solids	310		mg/L	1.25	12	12	5/20/2016 16:44	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water		Analytical Method: SM 4500-Cl-E						
Chloride	92		mg/L	5	25	13	5/26/2016 15:01	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water		Analytical Method: SM 4500NO3-F						
Nitrate	0.18	U	mg/L	1	0.20	0.18	5/17/2016 18:09	T

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767003**
Sample ID: **TH-67**

Date Received: 05/16/16 15:00 Matrix: Water
Date Collected: 05/16/16 12:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	3973		umhos/cm	1			5/16/2016 12:15	
Dissolved Oxygen	0.42		mg/L	1			5/16/2016 12:15	
ORP-2580BW	-7.9		mV	1			5/16/2016 12:15	
Temperature	24.63		°C	1			5/16/2016 12:15	
Turbidity	7.64		NTU	1			5/16/2016 12:15	
pH	6.18		SU	1			5/16/2016 12:15	

METALS

Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Beryllium	0.56	U	ug/L	5	3.0	0.56	5/18/2016 19:29	T
Iron	10000		ug/L	5	500	110	5/18/2016 19:29	T
Sodium	360		mg/L	5	1.0	0.21	5/18/2016 19:29	T
Zinc	250		ug/L	5	50	9.8	5/18/2016 19:29	T

Analysis Desc: SW846 6020B Analysis, Total			Preparation Method: SW-846 3010A Analytical Method: SW-846 6020					
Antimony	1.2		ug/L	1	0.70	0.046	5/23/2016 14:48	J
Arsenic	0.85	I	ug/L	1	1.0	0.077	5/23/2016 14:48	J
Barium	17		ug/L	1	0.60	0.12	5/23/2016 14:48	J
Cadmium	0.69		ug/L	1	0.50	0.028	5/23/2016 14:48	J
Chromium	1.5	I	ug/L	1	2.0	0.11	5/23/2016 14:48	J
Cobalt	2.2		ug/L	1	0.50	0.19	5/23/2016 14:48	J
Copper	1.1		ug/L	1	0.70	0.11	5/23/2016 14:48	J
Lead	0.24	U	ug/L	1	0.70	0.24	5/23/2016 14:48	J
Nickel	26		ug/L	1	0.80	0.11	5/23/2016 14:48	J
Selenium	21		ug/L	1	5.0	0.58	5/23/2016 14:48	J
Silver	0.054	I	ug/L	1	0.50	0.027	5/23/2016 14:48	J
Thallium	0.34		ug/L	1	0.20	0.057	5/23/2016 14:48	J
Vanadium	16		ug/L	1	2.0	0.71	5/23/2016 14:48	J

Analysis Desc: SW846 7470A Analysis, Water			Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A					
Mercury	0.084	U	ug/L	1	0.10	0.084	5/27/2016 17:35	T

SEMIVOLATILES

Report ID: 425405 - 7028395

Page 9 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767003**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-67**

Date Collected: 05/16/16 12:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW 8011 Analysis, Water		Preparation Method: SW-846 8011						
		Analytical Method: SW-846 8011						
1,2-Dibromo-3-Chloropropane	0.0061	U	ug/L	1	0.020	0.0061	5/26/2016 23:00	J
Ethylene Dibromide (EDB)	0.0063	U	ug/L	1	0.020	0.0063	5/26/2016 23:00	J
Tetrachloro-m-xylene (S)	43	J4	%	1	64-150		5/26/2016 23:00	

VOLATILES

Analysis Desc: 8260B Analysis, Water		Preparation Method: SW-846 5030B						
		Analytical Method: SW-846 8260B						
1,1,1,2-Tetrachloroethane	0.64	U	ug/L	1	1.0	0.64	5/25/2016 18:49	T
1,1,1-Trichloroethane	0.44	U	ug/L	1	1.0	0.44	5/25/2016 18:49	T
1,1,2,2-Tetrachloroethane	0.41	U	ug/L	1	1.0	0.41	5/25/2016 18:49	T
1,1,2-Trichloroethane	0.40	U	ug/L	1	1.0	0.40	5/25/2016 18:49	T
1,1-Dichloroethane	0.86	U	ug/L	1	1.0	0.86	5/25/2016 18:49	T
1,1-Dichloroethylene	0.70	U	ug/L	1	1.0	0.70	5/25/2016 18:49	T
1,2,3-Trichloropropane	0.58	U	ug/L	1	1.0	0.58	5/25/2016 18:49	T
1,2-Dichlorobenzene	0.63	U	ug/L	1	1.0	0.63	5/25/2016 18:49	T
1,2-Dichloroethane	0.68	U	ug/L	1	1.0	0.68	5/25/2016 18:49	T
1,2-Dichloropropane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 18:49	T
1,4-Dichlorobenzene	0.97	U	ug/L	1	1.0	0.97	5/25/2016 18:49	T
2-Butanone (MEK)	0.59	U	ug/L	1	1.0	0.59	5/25/2016 18:49	T
2-Hexanone	0.99	U	ug/L	1	1.0	0.99	5/25/2016 18:49	T
4-Methyl-2-pentanone (MIBK)	0.93	U	ug/L	1	1.0	0.93	5/25/2016 18:49	T
Acetone	1.0	U	ug/L	1	1.0	1.0	5/25/2016 18:49	T
Acrylonitrile	4.6	U	ug/L	1	5.0	4.6	5/25/2016 18:49	T
Benzene	0.34	U	ug/L	1	1.0	0.34	5/25/2016 18:49	T
Bromochloromethane	0.33	U	ug/L	1	1.0	0.33	5/25/2016 18:49	T
Bromodichloromethane	0.49	U	ug/L	1	1.0	0.49	5/25/2016 18:49	T
Bromoform	0.61	U	ug/L	1	1.0	0.61	5/25/2016 18:49	T
Bromomethane	0.81	U	ug/L	1	1.0	0.81	5/25/2016 18:49	T
Carbon Disulfide	0.49	U	ug/L	1	1.0	0.49	5/25/2016 18:49	T
Carbon Tetrachloride	0.57	U	ug/L	1	1.0	0.57	5/25/2016 18:49	T
Chlorobenzene	0.56	U	ug/L	1	1.0	0.56	5/25/2016 18:49	T
Chloroethane	0.38	U	ug/L	1	1.0	0.38	5/25/2016 18:49	T
Chloroform	0.31	U	ug/L	1	1.0	0.31	5/25/2016 18:49	T
Chloromethane	0.70	U	ug/L	1	1.0	0.70	5/25/2016 18:49	T
Dibromochloromethane	0.56	U	ug/L	1	1.0	0.56	5/25/2016 18:49	T
Dibromomethane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 18:49	T
Ethylbenzene	0.26	U	ug/L	1	1.0	0.26	5/25/2016 18:49	T

Report ID: 425405 - 7028395

Page 10 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767003**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-67**

Date Collected: 05/16/16 12:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.65	U	ug/L	1	1.0	0.65	5/25/2016 18:49	T
Methylene Chloride	1.0	U	ug/L	1	1.0	1.0	5/25/2016 18:49	T
Styrene	0.84	U	ug/L	1	1.0	0.84	5/25/2016 18:49	T
Tetrachloroethylene (PCE)	0.52	U	ug/L	1	1.0	0.52	5/25/2016 18:49	T
Toluene	0.45	U	ug/L	1	1.0	0.45	5/25/2016 18:49	T
Trichloroethene	0.66	U	ug/L	1	1.0	0.66	5/25/2016 18:49	T
Trichlorofluoromethane	0.84	U	ug/L	1	1.0	0.84	5/25/2016 18:49	T
Vinyl Acetate	0.40	U	ug/L	1	1.0	0.40	5/25/2016 18:49	T
Vinyl Chloride	0.73	U	ug/L	1	1.0	0.73	5/25/2016 18:49	T
Xylene (Total)	1.3	U	ug/L	1	3.0	1.3	5/25/2016 18:49	T
cis-1,2-Dichloroethylene	0.51	U	ug/L	1	1.0	0.51	5/25/2016 18:49	T
cis-1,3-Dichloropropene	0.36	U	ug/L	1	1.0	0.36	5/25/2016 18:49	T
trans-1,2-Dichloroethylene	0.50	U	ug/L	1	1.0	0.50	5/25/2016 18:49	T
trans-1,3-Dichloropropylene	0.42	U	ug/L	1	1.0	0.42	5/25/2016 18:49	T
trans-1,4-Dichloro-2-butene	0.35	U	ug/L	1	1.0	0.35	5/25/2016 18:49	T
1,2-Dichloroethane-d4 (S)	107		%	1	70-130		5/25/2016 18:49	
Toluene-d8 (S)	110		%	1	70-130		5/25/2016 18:49	
Bromofluorobenzene (S)	107		%	1	70-130		5/25/2016 18:49	

WET CHEMISTRY

Analysis Desc: Ammonia,E350.1,Water		Analytical Method: EPA 350.1						
Ammonia (N)	36		mg/L	15	1.50	0.37	5/20/2016 11:47	T
Analysis Desc: Tot Dissolved Solids,SM2540C		Analytical Method: SM 2540 C						
Total Dissolved Solids	2200		mg/L	1.25	12	12	5/20/2016 16:44	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water		Analytical Method: SM 4500-Cl-E						
Chloride	910		mg/L	25	120	64	5/26/2016 15:01	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water		Analytical Method: SM 4500NO3-F						
Nitrate	0.18	U	mg/L	1	0.20	0.18	5/17/2016 18:10	T

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767004**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-66A**

Date Collected: 05/16/16 11:33

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	334		umhos/cm	1			5/16/2016 11:33	
Dissolved Oxygen	0.65		mg/L	1			5/16/2016 11:33	
ORP-2580BW	69.7		mV	1			5/16/2016 11:33	
Temperature	24.55		°C	1			5/16/2016 11:33	
Turbidity	0.86		NTU	1			5/16/2016 11:33	
pH	6.03		SU	1			5/16/2016 11:33	
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Beryllium	0.11	U	ug/L	1	0.60	0.11	5/18/2016 09:56	T
Iron	960		ug/L	1	100	21	5/18/2016 09:56	T
Sodium	9.5		mg/L	1	0.20	0.042	5/18/2016 09:56	T
Zinc	2.0	U	ug/L	1	10	2.0	5/18/2016 09:56	T
Analysis Desc: SW846 6020B Analysis, Total			Preparation Method: SW-846 3010A Analytical Method: SW-846 6020					
Antimony	0.46	I	ug/L	1	0.70	0.046	5/23/2016 14:59	J
Arsenic	4.7		ug/L	1	1.0	0.077	5/23/2016 14:59	J
Barium	2.0		ug/L	1	0.60	0.12	5/23/2016 14:59	J
Cadmium	0.052	I	ug/L	1	0.50	0.028	5/23/2016 14:59	J
Chromium	0.50	I	ug/L	1	2.0	0.11	5/23/2016 14:59	J
Cobalt	0.80		ug/L	1	0.50	0.19	5/23/2016 14:59	J
Copper	0.87		ug/L	1	0.70	0.11	5/23/2016 14:59	J
Lead	0.24	U	ug/L	1	0.70	0.24	5/23/2016 14:59	J
Nickel	1.6		ug/L	1	0.80	0.11	5/23/2016 14:59	J
Selenium	0.93	I	ug/L	1	5.0	0.58	5/23/2016 14:59	J
Silver	0.036	I	ug/L	1	0.50	0.027	5/23/2016 14:59	J
Thallium	0.087	I	ug/L	1	0.20	0.057	5/23/2016 14:59	J
Vanadium	17		ug/L	1	2.0	0.71	5/23/2016 14:59	J
Analysis Desc: SW846 7470A Analysis, Water			Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A					
Mercury	0.084	U	ug/L	1	0.10	0.084	5/27/2016 17:35	T

SEMIVOLATILES

Report ID: 425405 - 7028395

Page 12 of 43

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767004**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-66A**

Date Collected: 05/16/16 11:33

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW 8011 Analysis, Water		Preparation Method: SW-846 8011						
		Analytical Method: SW-846 8011						
1,2-Dibromo-3-Chloropropane	0.0061	U	ug/L	1	0.020	0.0061	5/26/2016 23:28	J
Ethylene Dibromide (EDB)	0.0063	U	ug/L	1	0.020	0.0063	5/26/2016 23:28	J
Tetrachloro-m-xylene (S)	53	J4	%	1	64-150		5/26/2016 23:28	

VOLATILES

Analysis Desc: 8260B Analysis, Water		Preparation Method: SW-846 5030B						
		Analytical Method: SW-846 8260B						
1,1,1,2-Tetrachloroethane	0.64	U	ug/L	1	1.0	0.64	5/25/2016 19:37	T
1,1,1-Trichloroethane	0.44	U	ug/L	1	1.0	0.44	5/25/2016 19:37	T
1,1,2,2-Tetrachloroethane	0.41	U	ug/L	1	1.0	0.41	5/25/2016 19:37	T
1,1,2-Trichloroethane	0.40	U	ug/L	1	1.0	0.40	5/25/2016 19:37	T
1,1-Dichloroethane	0.86	U	ug/L	1	1.0	0.86	5/25/2016 19:37	T
1,1-Dichloroethylene	0.70	U	ug/L	1	1.0	0.70	5/25/2016 19:37	T
1,2,3-Trichloropropane	0.58	U	ug/L	1	1.0	0.58	5/25/2016 19:37	T
1,2-Dichlorobenzene	0.63	U	ug/L	1	1.0	0.63	5/25/2016 19:37	T
1,2-Dichloroethane	0.68	U	ug/L	1	1.0	0.68	5/25/2016 19:37	T
1,2-Dichloropropane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 19:37	T
1,4-Dichlorobenzene	0.97	U	ug/L	1	1.0	0.97	5/25/2016 19:37	T
2-Butanone (MEK)	0.59	U	ug/L	1	1.0	0.59	5/25/2016 19:37	T
2-Hexanone	0.99	U	ug/L	1	1.0	0.99	5/25/2016 19:37	T
4-Methyl-2-pentanone (MIBK)	0.93	U	ug/L	1	1.0	0.93	5/25/2016 19:37	T
Acetone	1.0	U	ug/L	1	1.0	1.0	5/25/2016 19:37	T
Acrylonitrile	4.6	U	ug/L	1	5.0	4.6	5/25/2016 19:37	T
Benzene	0.34	U	ug/L	1	1.0	0.34	5/25/2016 19:37	T
Bromochloromethane	0.33	U	ug/L	1	1.0	0.33	5/25/2016 19:37	T
Bromodichloromethane	0.49	U	ug/L	1	1.0	0.49	5/25/2016 19:37	T
Bromoform	0.61	U	ug/L	1	1.0	0.61	5/25/2016 19:37	T
Bromomethane	0.81	U	ug/L	1	1.0	0.81	5/25/2016 19:37	T
Carbon Disulfide	0.49	U	ug/L	1	1.0	0.49	5/25/2016 19:37	T
Carbon Tetrachloride	0.57	U	ug/L	1	1.0	0.57	5/25/2016 19:37	T
Chlorobenzene	0.56	U	ug/L	1	1.0	0.56	5/25/2016 19:37	T
Chloroethane	0.38	U	ug/L	1	1.0	0.38	5/25/2016 19:37	T
Chloroform	0.31	U	ug/L	1	1.0	0.31	5/25/2016 19:37	T
Chloromethane	0.70	U	ug/L	1	1.0	0.70	5/25/2016 19:37	T
Dibromochloromethane	0.56	U	ug/L	1	1.0	0.56	5/25/2016 19:37	T
Dibromomethane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 19:37	T
Ethylbenzene	0.26	U	ug/L	1	1.0	0.26	5/25/2016 19:37	T

Report ID: 425405 - 7028395

Page 13 of 43

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767004**
Sample ID: **TH-66A**

Date Received: 05/16/16 15:00 Matrix: Water
Date Collected: 05/16/16 11:33

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.65	U	ug/L	1	1.0	0.65	5/25/2016 19:37	T
Methylene Chloride	1.0	U	ug/L	1	1.0	1.0	5/25/2016 19:37	T
Styrene	0.84	U	ug/L	1	1.0	0.84	5/25/2016 19:37	T
Tetrachloroethylene (PCE)	0.52	U	ug/L	1	1.0	0.52	5/25/2016 19:37	T
Toluene	0.45	U	ug/L	1	1.0	0.45	5/25/2016 19:37	T
Trichloroethene	0.66	U	ug/L	1	1.0	0.66	5/25/2016 19:37	T
Trichlorofluoromethane	0.84	U	ug/L	1	1.0	0.84	5/25/2016 19:37	T
Vinyl Acetate	0.40	U	ug/L	1	1.0	0.40	5/25/2016 19:37	T
Vinyl Chloride	0.73	U	ug/L	1	1.0	0.73	5/25/2016 19:37	T
Xylene (Total)	1.3	U	ug/L	1	3.0	1.3	5/25/2016 19:37	T
cis-1,2-Dichloroethylene	0.51	U	ug/L	1	1.0	0.51	5/25/2016 19:37	T
cis-1,3-Dichloropropene	0.36	U	ug/L	1	1.0	0.36	5/25/2016 19:37	T
trans-1,2-Dichloroethylene	0.50	U	ug/L	1	1.0	0.50	5/25/2016 19:37	T
trans-1,3-Dichloropropylene	0.42	U	ug/L	1	1.0	0.42	5/25/2016 19:37	T
trans-1,4-Dichloro-2-butene	0.35	U	ug/L	1	1.0	0.35	5/25/2016 19:37	T
1,2-Dichloroethane-d4 (S)	105		%	1	70-130		5/25/2016 19:37	
Toluene-d8 (S)	109		%	1	70-130		5/25/2016 19:37	
Bromofluorobenzene (S)	108		%	1	70-130		5/25/2016 19:37	

WET CHEMISTRY

Analysis Desc: Ammonia,E350.1,Water		Analytical Method: EPA 350.1						
Ammonia (N)	0.34		mg/L	1	0.10	0.02	5/20/2016 11:47	T
Analysis Desc: Tot Dissolved Solids,SM2540C		Analytical Method: SM 2540 C						
Total Dissolved Solids	180		mg/L	1.25	12	12	5/20/2016 16:44	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water		Analytical Method: SM 4500-Cl-E						
Chloride	15		mg/L	1	5.0	2.6	5/26/2016 15:02	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water		Analytical Method: SM 4500NO3-F						
Nitrate	0.18	U	mg/L	1	0.20	0.18	5/17/2016 18:11	T

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767005**
Sample ID: **TH-38B**

Date Received: 05/16/16 15:00 Matrix: Water
Date Collected: 05/16/16 10:57

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	70		umhos/cm	1			5/16/2016 10:57	
Dissolved Oxygen	1.5		mg/L	1			5/16/2016 10:57	
ORP-2580BW	175.5		mV	1			5/16/2016 10:57	
Temperature	24.78		°C	1			5/16/2016 10:57	
Turbidity	8.75		NTU	1			5/16/2016 10:57	
pH	4.95		SU	1			5/16/2016 10:57	
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Beryllium	0.11	U	ug/L	1	0.60	0.11	5/18/2016 11:41	T
Iron	620		ug/L	1	100	21	5/18/2016 11:41	T
Sodium	2.8		mg/L	1	0.20	0.042	5/18/2016 11:41	T
Zinc	2.0	U	ug/L	1	10	2.0	5/18/2016 11:41	T
Analysis Desc: SW846 6020B Analysis, Total			Preparation Method: SW-846 3010A Analytical Method: SW-846 6020					
Antimony	1.5		ug/L	1	0.70	0.046	5/23/2016 15:02	J
Arsenic	13		ug/L	1	1.0	0.077	5/23/2016 15:02	J
Barium	11		ug/L	1	0.60	0.12	5/23/2016 15:02	J
Cadmium	0.18	I	ug/L	1	0.50	0.028	5/23/2016 15:02	J
Chromium	1.4	I	ug/L	1	2.0	0.11	5/23/2016 15:02	J
Cobalt	1.4		ug/L	1	0.50	0.19	5/23/2016 15:02	J
Copper	0.58	I	ug/L	1	0.70	0.11	5/23/2016 15:02	J
Lead	0.37	I	ug/L	1	0.70	0.24	5/23/2016 15:02	J
Nickel	2.1		ug/L	1	0.80	0.11	5/23/2016 15:02	J
Selenium	3.7	I	ug/L	1	5.0	0.58	5/23/2016 15:02	J
Silver	0.027	U	ug/L	1	0.50	0.027	5/23/2016 15:02	J
Thallium	0.20	I	ug/L	1	0.20	0.057	5/23/2016 15:02	J
Vanadium	110		ug/L	1	2.0	0.71	5/23/2016 15:02	J
Analysis Desc: SW846 7470A Analysis, Water			Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A					
Mercury	0.084	U	ug/L	1	0.10	0.084	5/27/2016 17:35	T

SEMIVOLATILES

Report ID: 425405 - 7028395

Page 15 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767005**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-38B**

Date Collected: 05/16/16 10:57

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW 8011 Analysis, Water		Preparation Method: SW-846 8011						
		Analytical Method: SW-846 8011						
1,2-Dibromo-3-Chloropropane	0.0061	U	ug/L	1	0.020	0.0061	5/26/2016 23:56	J
Ethylene Dibromide (EDB)	0.0063	U	ug/L	1	0.020	0.0063	5/26/2016 23:56	J
Tetrachloro-m-xylene (S)	51	J4	%	1	64-150		5/26/2016 23:56	

VOLATILES

Analysis Desc: 8260B Analysis, Water		Preparation Method: SW-846 5030B						
		Analytical Method: SW-846 8260B						
1,1,1,2-Tetrachloroethane	0.64	U	ug/L	1	1.0	0.64	5/25/2016 20:25	T
1,1,1-Trichloroethane	0.44	U	ug/L	1	1.0	0.44	5/25/2016 20:25	T
1,1,2,2-Tetrachloroethane	0.41	U	ug/L	1	1.0	0.41	5/25/2016 20:25	T
1,1,2-Trichloroethane	0.40	U	ug/L	1	1.0	0.40	5/25/2016 20:25	T
1,1-Dichloroethane	0.86	U	ug/L	1	1.0	0.86	5/25/2016 20:25	T
1,1-Dichloroethylene	0.70	U	ug/L	1	1.0	0.70	5/25/2016 20:25	T
1,2,3-Trichloropropane	0.58	U	ug/L	1	1.0	0.58	5/25/2016 20:25	T
1,2-Dichlorobenzene	0.63	U	ug/L	1	1.0	0.63	5/25/2016 20:25	T
1,2-Dichloroethane	0.68	U	ug/L	1	1.0	0.68	5/25/2016 20:25	T
1,2-Dichloropropane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 20:25	T
1,4-Dichlorobenzene	0.97	U	ug/L	1	1.0	0.97	5/25/2016 20:25	T
2-Butanone (MEK)	0.59	U	ug/L	1	1.0	0.59	5/25/2016 20:25	T
2-Hexanone	0.99	U	ug/L	1	1.0	0.99	5/25/2016 20:25	T
4-Methyl-2-pentanone (MIBK)	0.93	U	ug/L	1	1.0	0.93	5/25/2016 20:25	T
Acetone	1.0	U	ug/L	1	1.0	1.0	5/25/2016 20:25	T
Acrylonitrile	4.6	U	ug/L	1	5.0	4.6	5/25/2016 20:25	T
Benzene	0.34	U	ug/L	1	1.0	0.34	5/25/2016 20:25	T
Bromochloromethane	0.33	U	ug/L	1	1.0	0.33	5/25/2016 20:25	T
Bromodichloromethane	0.49	U	ug/L	1	1.0	0.49	5/25/2016 20:25	T
Bromoform	0.61	U	ug/L	1	1.0	0.61	5/25/2016 20:25	T
Bromomethane	0.81	U	ug/L	1	1.0	0.81	5/25/2016 20:25	T
Carbon Disulfide	0.49	U	ug/L	1	1.0	0.49	5/25/2016 20:25	T
Carbon Tetrachloride	0.57	U	ug/L	1	1.0	0.57	5/25/2016 20:25	T
Chlorobenzene	0.56	U	ug/L	1	1.0	0.56	5/25/2016 20:25	T
Chloroethane	0.38	U	ug/L	1	1.0	0.38	5/25/2016 20:25	T
Chloroform	0.31	U	ug/L	1	1.0	0.31	5/25/2016 20:25	T
Chloromethane	0.70	U	ug/L	1	1.0	0.70	5/25/2016 20:25	T
Dibromochloromethane	0.56	U	ug/L	1	1.0	0.56	5/25/2016 20:25	T
Dibromomethane	0.76	U	ug/L	1	1.0	0.76	5/25/2016 20:25	T
Ethylbenzene	0.26	U	ug/L	1	1.0	0.26	5/25/2016 20:25	T

Report ID: 425405 - 7028395

Page 16 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767005**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **TH-38B**

Date Collected: 05/16/16 10:57

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Iodomethane (Methyl Iodide)	0.65	U	ug/L	1	1.0	0.65	5/25/2016 20:25	T
Methylene Chloride	1.0	U	ug/L	1	1.0	1.0	5/25/2016 20:25	T
Styrene	0.84	U	ug/L	1	1.0	0.84	5/25/2016 20:25	T
Tetrachloroethylene (PCE)	0.88	I	ug/L	1	1.0	0.52	5/25/2016 20:25	T
Toluene	0.45	U	ug/L	1	1.0	0.45	5/25/2016 20:25	T
Trichloroethene	0.66	U	ug/L	1	1.0	0.66	5/25/2016 20:25	T
Trichlorofluoromethane	0.84	U	ug/L	1	1.0	0.84	5/25/2016 20:25	T
Vinyl Acetate	0.40	U	ug/L	1	1.0	0.40	5/25/2016 20:25	T
Vinyl Chloride	0.73	U	ug/L	1	1.0	0.73	5/25/2016 20:25	T
Xylene (Total)	1.3	U	ug/L	1	3.0	1.3	5/25/2016 20:25	T
cis-1,2-Dichloroethylene	0.51	U	ug/L	1	1.0	0.51	5/25/2016 20:25	T
cis-1,3-Dichloropropene	0.36	U	ug/L	1	1.0	0.36	5/25/2016 20:25	T
trans-1,2-Dichloroethylene	0.50	U	ug/L	1	1.0	0.50	5/25/2016 20:25	T
trans-1,3-Dichloropropylene	0.42	U	ug/L	1	1.0	0.42	5/25/2016 20:25	T
trans-1,4-Dichloro-2-butene	0.35	U	ug/L	1	1.0	0.35	5/25/2016 20:25	T
1,2-Dichloroethane-d4 (S)	107		%	1	70-130		5/25/2016 20:25	
Toluene-d8 (S)	109		%	1	70-130		5/25/2016 20:25	
Bromofluorobenzene (S)	110		%	1	70-130		5/25/2016 20:25	

WET CHEMISTRY

Analysis Desc: Ammonia,E350.1,Water		Analytical Method: EPA 350.1						
Ammonia (N)	0.79		mg/L	1	0.10	0.02	5/20/2016 11:47	T
Analysis Desc: Tot Dissolved Solids,SM2540C		Analytical Method: SM 2540 C						
Total Dissolved Solids	65		mg/L	1.25	12	12	5/20/2016 16:44	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water		Analytical Method: SM 4500-Cl-E						
Chloride	4.2	I	mg/L	1	5.0	2.6	6/2/2016 12:21	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water		Analytical Method: SM 4500NO3-F						
Nitrate	0.18	U	mg/L	1	0.20	0.18	5/17/2016 18:12	T

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767006**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **Field Blank**

Date Collected: 05/16/16 10:35

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Beryllium	0.13	I	ug/L	1	0.60	0.11	5/18/2016 11:36	T
Iron	21	U	ug/L	1	100	21	5/18/2016 11:36	T
Sodium	0.060	I	mg/L	1	0.20	0.042	5/18/2016 11:36	T
Zinc	2.0	U	ug/L	1	10	2.0	5/18/2016 11:36	T
Analysis Desc: SW846 6020B Analysis, Total			Preparation Method: SW-846 3010A Analytical Method: SW-846 6020					
Antimony	0.046	U	ug/L	1	0.70	0.046	5/23/2016 15:06	J
Arsenic	0.077	U	ug/L	1	1.0	0.077	5/23/2016 15:06	J
Barium	0.12	U	ug/L	1	0.60	0.12	5/23/2016 15:06	J
Cadmium	0.028	U	ug/L	1	0.50	0.028	5/23/2016 15:06	J
Chromium	0.11	U	ug/L	1	2.0	0.11	5/23/2016 15:06	J
Cobalt	0.19	U	ug/L	1	0.50	0.19	5/23/2016 15:06	J
Copper	0.11	U	ug/L	1	0.70	0.11	5/23/2016 15:06	J
Lead	0.24	U	ug/L	1	0.70	0.24	5/23/2016 15:06	J
Nickel	0.11	U	ug/L	1	0.80	0.11	5/23/2016 15:06	J
Selenium	0.58	U	ug/L	1	5.0	0.58	5/23/2016 15:06	J
Silver	0.027	U	ug/L	1	0.50	0.027	5/23/2016 15:06	J
Thallium	0.057	U	ug/L	1	0.20	0.057	5/23/2016 15:06	J
Vanadium	0.71	U	ug/L	1	2.0	0.71	5/23/2016 15:06	J
Analysis Desc: SW846 7470A Analysis, Water			Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A					
Mercury	0.084	U	ug/L	1	0.10	0.084	5/27/2016 17:35	T
SEMIVOLATILES								
Analysis Desc: SW 8011 Analysis, Water			Preparation Method: SW-846 8011 Analytical Method: SW-846 8011					
1,2-Dibromo-3-Chloropropane	0.0061	U	ug/L	1	0.020	0.0061	5/27/2016 00:25	J
Ethylene Dibromide (EDB)	0.0063	U	ug/L	1	0.020	0.0063	5/27/2016 00:25	J
Tetrachloro-m-xylene (S)	80		%	1	64-150		5/27/2016 00:25	

VOLATILES

Report ID: 425405 - 7028395

Page 18 of 43

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767006**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **Field Blank**

Date Collected: 05/16/16 10:35

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: 8260B Analysis, Water		Preparation Method: SW-846 5030B						
		Analytical Method: SW-846 8260B						
1,1,1,2-Tetrachloroethane	0.64	U	ug/L	1	1.0	0.64	5/26/2016 16:13	T
1,1,1-Trichloroethane	0.44	U	ug/L	1	1.0	0.44	5/26/2016 16:13	T
1,1,2,2-Tetrachloroethane	0.41	U	ug/L	1	1.0	0.41	5/26/2016 16:13	T
1,1,2-Trichloroethane	0.40	U	ug/L	1	1.0	0.40	5/26/2016 16:13	T
1,1-Dichloroethane	0.86	U	ug/L	1	1.0	0.86	5/26/2016 16:13	T
1,1-Dichloroethylene	0.70	U	ug/L	1	1.0	0.70	5/26/2016 16:13	T
1,2,3-Trichloropropane	0.58	U	ug/L	1	1.0	0.58	5/26/2016 16:13	T
1,2-Dichlorobenzene	0.63	U	ug/L	1	1.0	0.63	5/26/2016 16:13	T
1,2-Dichloroethane	0.68	U	ug/L	1	1.0	0.68	5/26/2016 16:13	T
1,2-Dichloropropane	0.76	U	ug/L	1	1.0	0.76	5/26/2016 16:13	T
1,4-Dichlorobenzene	0.97	U	ug/L	1	1.0	0.97	5/26/2016 16:13	T
2-Butanone (MEK)	3.2		ug/L	1	1.0	0.59	5/26/2016 16:13	T
2-Hexanone	0.99	U	ug/L	1	1.0	0.99	5/26/2016 16:13	T
4-Methyl-2-pentanone (MIBK)	0.93	U	ug/L	1	1.0	0.93	5/26/2016 16:13	T
Acetone	40		ug/L	1	1.0	1.0	5/26/2016 16:13	T
Acrylonitrile	4.6	U	ug/L	1	5.0	4.6	5/26/2016 16:13	T
Benzene	0.34	U	ug/L	1	1.0	0.34	5/26/2016 16:13	T
Bromochloromethane	0.33	U	ug/L	1	1.0	0.33	5/26/2016 16:13	T
Bromodichloromethane	0.49	U	ug/L	1	1.0	0.49	5/26/2016 16:13	T
Bromoform	0.61	U	ug/L	1	1.0	0.61	5/26/2016 16:13	T
Bromomethane	0.81	U	ug/L	1	1.0	0.81	5/26/2016 16:13	T
Carbon Disulfide	0.49	U	ug/L	1	1.0	0.49	5/26/2016 16:13	T
Carbon Tetrachloride	0.57	U	ug/L	1	1.0	0.57	5/26/2016 16:13	T
Chlorobenzene	0.56	U	ug/L	1	1.0	0.56	5/26/2016 16:13	T
Chloroethane	0.38	U	ug/L	1	1.0	0.38	5/26/2016 16:13	T
Chloroform	0.31	U	ug/L	1	1.0	0.31	5/26/2016 16:13	T
Chloromethane	0.70	U	ug/L	1	1.0	0.70	5/26/2016 16:13	T
Dibromochloromethane	0.56	U	ug/L	1	1.0	0.56	5/26/2016 16:13	T
Dibromomethane	0.76	U	ug/L	1	1.0	0.76	5/26/2016 16:13	T
Ethylbenzene	0.26	U	ug/L	1	1.0	0.26	5/26/2016 16:13	T
Iodomethane (Methyl Iodide)	0.65	U	ug/L	1	1.0	0.65	5/26/2016 16:13	T
Methylene Chloride	1.0	U	ug/L	1	1.0	1.0	5/26/2016 16:13	T
Styrene	0.84	U	ug/L	1	1.0	0.84	5/26/2016 16:13	T
Tetrachloroethylene (PCE)	0.52	U	ug/L	1	1.0	0.52	5/26/2016 16:13	T
Toluene	0.45	U	ug/L	1	1.0	0.45	5/26/2016 16:13	T
Trichloroethene	0.66	U	ug/L	1	1.0	0.66	5/26/2016 16:13	T
Trichlorofluoromethane	0.84	U	ug/L	1	1.0	0.84	5/26/2016 16:13	T

Report ID: 425405 - 7028395

Page 19 of 43

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767006**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **Field Blank**

Date Collected: 05/16/16 10:35

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Vinyl Acetate	0.40	U	ug/L	1	1.0	0.40	5/26/2016 16:13	T
Vinyl Chloride	0.73	U	ug/L	1	1.0	0.73	5/26/2016 16:13	T
Xylene (Total)	1.3	U	ug/L	1	3.0	1.3	5/26/2016 16:13	T
cis-1,2-Dichloroethylene	0.51	U	ug/L	1	1.0	0.51	5/26/2016 16:13	T
cis-1,3-Dichloropropene	0.36	U	ug/L	1	1.0	0.36	5/26/2016 16:13	T
trans-1,2-Dichloroethylene	0.50	U	ug/L	1	1.0	0.50	5/26/2016 16:13	T
trans-1,3-Dichloropropylene	0.42	U	ug/L	1	1.0	0.42	5/26/2016 16:13	T
trans-1,4-Dichloro-2-butene	0.35	U	ug/L	1	1.0	0.35	5/26/2016 16:13	T
1,2-Dichloroethane-d4 (S)	114		%	1	70-130		5/26/2016 16:13	
Toluene-d8 (S)	98		%	1	70-130		5/26/2016 16:13	
Bromofluorobenzene (S)	112		%	1	70-130		5/26/2016 16:13	

WET CHEMISTRY

Analysis Desc: Ammonia,E350.1,Water		Analytical Method: EPA 350.1						
Ammonia (N)	0.02	U	mg/L	1	0.10	0.02	5/20/2016 11:47	T
Analysis Desc: Tot Dissolved Solids,SM2540C		Analytical Method: SM 2540 C						
Total Dissolved Solids	12	U	mg/L	1.25	12	12	5/20/2016 16:44	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water		Analytical Method: SM 4500-Cl-E						
Chloride	2.6	U	mg/L	1	5.0	2.6	5/31/2016 12:04	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water		Analytical Method: SM 4500NO3-F						
Nitrate	0.18	U	mg/L	1	0.20	0.18	5/17/2016 18:19	T

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767007**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **Travel Blank**

Date Collected: 05/16/16 00:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
VOLATILES								
Analysis Desc: 8260B Analysis, Water			Preparation Method: SW-846 5030B					
			Analytical Method: SW-846 8260B					
1,1,1,2-Tetrachloroethane	0.64	U	ug/L	1	1.0	0.64	5/26/2016 17:00	T
1,1,1-Trichloroethane	0.44	U	ug/L	1	1.0	0.44	5/26/2016 17:00	T
1,1,2,2-Tetrachloroethane	0.41	U	ug/L	1	1.0	0.41	5/26/2016 17:00	T
1,1,2-Trichloroethane	0.40	U	ug/L	1	1.0	0.40	5/26/2016 17:00	T
1,1-Dichloroethane	0.86	U	ug/L	1	1.0	0.86	5/26/2016 17:00	T
1,1-Dichloroethylene	0.70	U	ug/L	1	1.0	0.70	5/26/2016 17:00	T
1,2,3-Trichloropropane	0.58	U	ug/L	1	1.0	0.58	5/26/2016 17:00	T
1,2-Dichlorobenzene	0.63	U	ug/L	1	1.0	0.63	5/26/2016 17:00	T
1,2-Dichloroethane	0.68	U	ug/L	1	1.0	0.68	5/26/2016 17:00	T
1,2-Dichloropropane	0.76	U	ug/L	1	1.0	0.76	5/26/2016 17:00	T
1,4-Dichlorobenzene	0.97	U	ug/L	1	1.0	0.97	5/26/2016 17:00	T
2-Butanone (MEK)	0.59	U	ug/L	1	1.0	0.59	5/26/2016 17:00	T
2-Hexanone	0.99	U	ug/L	1	1.0	0.99	5/26/2016 17:00	T
4-Methyl-2-pentanone (MIBK)	0.93	U	ug/L	1	1.0	0.93	5/26/2016 17:00	T
Acetone	1.0	U	ug/L	1	1.0	1.0	5/26/2016 17:00	T
Acrylonitrile	4.6	U	ug/L	1	5.0	4.6	5/26/2016 17:00	T
Benzene	0.34	U	ug/L	1	1.0	0.34	5/26/2016 17:00	T
Bromochloromethane	0.33	U	ug/L	1	1.0	0.33	5/26/2016 17:00	T
Bromodichloromethane	0.49	U	ug/L	1	1.0	0.49	5/26/2016 17:00	T
Bromoform	0.61	U	ug/L	1	1.0	0.61	5/26/2016 17:00	T
Bromomethane	0.81	U	ug/L	1	1.0	0.81	5/26/2016 17:00	T
Carbon Disulfide	0.49	U	ug/L	1	1.0	0.49	5/26/2016 17:00	T
Carbon Tetrachloride	0.57	U	ug/L	1	1.0	0.57	5/26/2016 17:00	T
Chlorobenzene	0.56	U	ug/L	1	1.0	0.56	5/26/2016 17:00	T
Chloroethane	0.38	U	ug/L	1	1.0	0.38	5/26/2016 17:00	T
Chloroform	0.31	U	ug/L	1	1.0	0.31	5/26/2016 17:00	T
Chloromethane	0.70	U	ug/L	1	1.0	0.70	5/26/2016 17:00	T
Dibromochloromethane	0.56	U	ug/L	1	1.0	0.56	5/26/2016 17:00	T
Dibromomethane	0.76	U	ug/L	1	1.0	0.76	5/26/2016 17:00	T
Ethylbenzene	0.26	U	ug/L	1	1.0	0.26	5/26/2016 17:00	T
Iodomethane (Methyl Iodide)	0.65	U	ug/L	1	1.0	0.65	5/26/2016 17:00	T
Methylene Chloride	1.0	U	ug/L	1	1.0	1.0	5/26/2016 17:00	T
Styrene	0.84	U	ug/L	1	1.0	0.84	5/26/2016 17:00	T
Tetrachloroethylene (PCE)	0.52	U	ug/L	1	1.0	0.52	5/26/2016 17:00	T
Toluene	0.45	U	ug/L	1	1.0	0.45	5/26/2016 17:00	T
Trichloroethene	0.66	U	ug/L	1	1.0	0.66	5/26/2016 17:00	T

Report ID: 425405 - 7028395

Page 21 of 43

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ANALYTICAL RESULTS

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID: **T1606767007**

Date Received: 05/16/16 15:00 Matrix: Water

Sample ID: **Travel Blank**

Date Collected: 05/16/16 00:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Trichlorofluoromethane	0.84	U	ug/L	1	1.0	0.84	5/26/2016 17:00	T
Vinyl Acetate	0.40	U	ug/L	1	1.0	0.40	5/26/2016 17:00	T
Vinyl Chloride	0.73	U	ug/L	1	1.0	0.73	5/26/2016 17:00	T
Xylene (Total)	1.3	U	ug/L	1	3.0	1.3	5/26/2016 17:00	T
cis-1,2-Dichloroethylene	0.51	U	ug/L	1	1.0	0.51	5/26/2016 17:00	T
cis-1,3-Dichloropropene	0.36	U	ug/L	1	1.0	0.36	5/26/2016 17:00	T
trans-1,2-Dichloroethylene	0.50	U	ug/L	1	1.0	0.50	5/26/2016 17:00	T
trans-1,3-Dichloropropylene	0.42	U	ug/L	1	1.0	0.42	5/26/2016 17:00	T
trans-1,4-Dichloro-2-butene	0.35	U	ug/L	1	1.0	0.35	5/26/2016 17:00	T
1,2-Dichloroethane-d4 (S)	115		%	1	70-130		5/26/2016 17:00	
Toluene-d8 (S)	95		%	1	70-130		5/26/2016 17:00	
Bromofluorobenzene (S)	111		%	1	70-130		5/26/2016 17:00	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1606767 SELF Supplemental Site Assm.

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J4 Estimated Result

LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)
- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)
- T^ Not Certified

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

QC Batch: DGM/1325 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3010A Prepared: 05/17/2016 10:00
Associated Lab Samples: T1606767001, T1606767002, T1606767003, T1606767004

METHOD BLANK: 2046824

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Beryllium	ug/L	0.11	0.11	U
Iron	ug/L	21	21	U
Sodium	mg/L	0.042	0.042	U
Zinc	ug/L	2.0	2.0	U

LABORATORY CONTROL SAMPLE: 2046825

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Beryllium	ug/L	400	430	107	80-120	
Iron	ug/L	25000	27000	105	80-120	
Sodium	mg/L	50	52	103	80-120	
Zinc	ug/L	400	420	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046826 2046827 Original: T1606766007

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Beryllium	ug/L	0.05	400	420	430	106	107	75-125	1	20	
Iron	ug/L	34	25000	27000	26000	107	103	75-125	4	20	
Sodium	mg/L	4.6	50	58	57	106	104	75-125	1	20	
Zinc	ug/L	9.2	400	410	410	100	100	75-125	0	20	

QC Batch: DGM/1326 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3010A Prepared: 05/17/2016 10:00
Associated Lab Samples: T1606767005, T1606767006

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

METHOD BLANK: 2046832

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Beryllium	ug/L	0.11	0.11	U
Iron	ug/L	21	21	U
Sodium	mg/L	0.042	0.042	U
Zinc	ug/L	2.0	2.0	U

LABORATORY CONTROL SAMPLE: 2046833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Beryllium	ug/L	400	430	109	80-120	
Iron	ug/L	25000	27000	105	80-120	
Sodium	mg/L	50	54	108	80-120	
Zinc	ug/L	400	450	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2046834 2046835 Original: T1606767005

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Beryllium	ug/L	0.08	400	420	420	105	106	75-125	1	20	
Iron	ug/L	620	25000	27000	27000	102	104	75-125	1	20	
Sodium	mg/L	2.8	50	55	55	103	104	75-125	1	20	
Zinc	ug/L	1.5	400	410	410	102	102	75-125	1	20	

QC Batch: WCAI/2990 Analysis Method: SM 4500NO3-F

QC Batch Method: SM 4500NO3-F Prepared:

Associated Lab Samples: T1606767001, T1606767002, T1606767003, T1606767004, T1606767005

METHOD BLANK: 2047360

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Nitrate	mg/L	0.18	0.18	U

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

LABORATORY CONTROL SAMPLE: 2047361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY Nitrate	mg/L	1	0.94	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2047362 2047363 Original: T1606727001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
WET CHEMISTRY Nitrate	mg/L	0.3	1	1.3	1.4	104	106	90-110	2	10	

QC Batch: WCA1/2991 Analysis Method: SM 4500NO3-F

QC Batch Method: SM 4500NO3-F Prepared:

Associated Lab Samples: T1606767006

METHOD BLANK: 2047370

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY Nitrate	mg/L	0.18	0.18 U	

LABORATORY CONTROL SAMPLE: 2047371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY Nitrate	mg/L	1	0.94	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2047372 2047373 Original: T1606803002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
WET CHEMISTRY											

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2047372 2047373 Original: T1606803002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Nitrate	mg/L	8.5	1	10	11	173	201	90-110	3	10	J4

QC Batch: DGMj/1520

Analysis Method: SW-846 6020

QC Batch Method: SW-846 3010A

Prepared: 05/20/2016 03:30

Associated Lab Samples: T1606767001, T1606767002, T1606767003, T1606767004, T1606767005, T1606767006

METHOD BLANK: 2048497

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Vanadium	ug/L	0.71	0.71	U
Chromium	ug/L	0.11	0.11	U
Cobalt	ug/L	0.19	0.19	U
Nickel	ug/L	0.11	0.11	U
Copper	ug/L	0.11	0.11	U
Arsenic	ug/L	0.077	0.077	U
Selenium	ug/L	0.58	0.58	U
Silver	ug/L	0.027	0.027	U
Cadmium	ug/L	0.028	0.028	U
Antimony	ug/L	0.046	0.046	U
Barium	ug/L	0.12	0.12	U
Thallium	ug/L	0.057	0.057	U
Lead	ug/L	0.24	0.24	U

LABORATORY CONTROL SAMPLE & LCSD: 2048498 2048499

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS										
Vanadium	ug/L	100	94	94	94	94	80-120	0	20	
Chromium	ug/L	100	94	94	94	94	80-120	0	20	
Cobalt	ug/L	100	94	95	94	95	80-120	1	20	
Nickel	ug/L	100	93	94	93	94	80-120	2	20	
Copper	ug/L	100	94	94	94	94	80-120	1	20	
Arsenic	ug/L	100	100	100	100	100	80-120	0	20	
Selenium	ug/L	100	110	110	113	114	80-120	1	20	
Silver	ug/L	100	94	95	94	95	80-120	1	20	
Cadmium	ug/L	100	97	98	97	98	80-120	2	20	

Report ID: 425405 - 7028395

Page 27 of 43

CERTIFICATE OF ANALYSIS

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

LABORATORY CONTROL SAMPLE & LCSD: 2048498 2048499

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Antimony	ug/L	100	100	100	100	101	80-120	1	20	
Barium	ug/L	100	98	100	98	100	80-120	2	20	
Thallium	ug/L	100	95	96	95	96	80-120	0	20	
Lead	ug/L	100	95	97	95	97	80-120	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2048500 2048501 Original: M1601798001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											J4
Vanadium	ug/L	0	100	99	100	99	100	75-125	0	20	
Chromium	ug/L	0	100	95	95	95	95	75-125	0	20	
Cobalt	ug/L	0	100	91	91	91	91	75-125	0	20	
Nickel	ug/L	0	100	88	88	88	88	75-125	0	20	
Copper	ug/L	0.083	100	86	86	86	86	75-125	0	20	
Arsenic	ug/L	0	100	100	100	101	102	75-125	1	20	
Selenium	ug/L	0	100	100	100	104	103	75-125	1	20	
Silver	ug/L	0	100	57	63	57	63	75-125	10	20	
Cadmium	ug/L	0	100	95	96	95	96	75-125	1	20	
Antimony	ug/L	0.12	100	100	100	103	103	75-125	0	20	
Barium	ug/L	0	100	120	120	115	116	75-125	1	20	
Thallium	ug/L	0.0048	100	100	100	101	101	75-125	0	20	
Lead	ug/L	0	100	98	100	98	100	75-125	1	20	

QC Batch: WCA1/3009

Analysis Method: EPA 350.1

QC Batch Method: EPA 350.1

Prepared:

Associated Lab Samples: T1606767001, T1606767003, T1606767004, T1606767005, T1606767006

METHOD BLANK: 2048742

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Ammonia (N)	mg/L	0.02	0.02	U

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

LABORATORY CONTROL SAMPLE: 2048743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	1	1.1	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2048746 2048747 Original: T1606748002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	0.45	1	1.2	1.5	75	101	90-110	20	10	J4

QC Batch: WCAI/3026

Analysis Method: SM 2540 C

QC Batch Method: SM 2540 C

Prepared:

Associated Lab Samples: T1606767001, T1606767002, T1606767003, T1606767004, T1606767005, T1606767006

METHOD BLANK: 2050088

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY Total Dissolved Solids	mg/L	10	10	U

LABORATORY CONTROL SAMPLE: 2050089

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY Total Dissolved Solids	mg/L	660	650	99	75-125	

SAMPLE DUPLICATE: 2050134 Original: T1606812001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
WET CHEMISTRY Total Dissolved Solids	mg/L	77000	76000	1	10	

Report ID: 425405 - 7028395

Page 29 of 43

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

QC Batch: WCAI/3038 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Prepared:
Associated Lab Samples: T1606767002

METHOD BLANK: 2050426

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	0.02	0.02 U

LABORATORY CONTROL SAMPLE: 2050427

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	1	1.0	104	90-110

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2050430 2050431 Original: T1606959002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	0.76	1	1.1	1.0	30	28	90-110	1	10	J4

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2051519 2051520 Original: T1606849001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY Ammonia (N)	mg/L	1.8	1	2.7	2.7	93	92	90-110	0	10	

QC Batch: MSV/1554 Analysis Method: SW-846 8260B
QC Batch Method: SW-846 5030B Prepared: 05/25/2016 00:00
Associated Lab Samples: T1606767002, T1606767003, T1606767004, T1606767005

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

METHOD BLANK: 2053632

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
VOLATILES				
Chloromethane	ug/L	0.70	0.70	U
Vinyl Chloride	ug/L	0.73	0.73	U
Bromomethane	ug/L	0.81	0.81	U
Chloroethane	ug/L	0.38	0.38	U
Trichlorofluoromethane	ug/L	0.84	0.84	U
Acetone	ug/L	1.0	1.0	U
1,1-Dichloroethylene	ug/L	0.70	0.70	U
Iodomethane (Methyl Iodide)	ug/L	0.65	0.65	U
Acrylonitrile	ug/L	4.6	4.6	U
Methylene Chloride	ug/L	1.0	1.0	U
Carbon Disulfide	ug/L	0.49	0.49	U
trans-1,2-Dichloroethylene	ug/L	0.50	0.50	U
1,1-Dichloroethane	ug/L	0.86	0.86	U
Vinyl Acetate	ug/L	0.40	0.40	U
2-Butanone (MEK)	ug/L	0.59	0.59	U
cis-1,2-Dichloroethylene	ug/L	0.51	0.51	U
Bromochloromethane	ug/L	0.33	0.33	U
Chloroform	ug/L	0.31	0.31	U
1,2-Dichloroethane	ug/L	0.68	0.68	U
1,1,1-Trichloroethane	ug/L	0.44	0.44	U
Carbon Tetrachloride	ug/L	0.57	0.57	U
Benzene	ug/L	0.34	0.34	U
Dibromomethane	ug/L	0.76	0.76	U
1,2-Dichloropropane	ug/L	0.76	0.76	U
Trichloroethene	ug/L	0.66	0.66	U
Bromodichloromethane	ug/L	0.49	0.49	U
cis-1,3-Dichloropropene	ug/L	0.36	0.36	U
4-Methyl-2-pentanone (MIBK)	ug/L	0.93	0.93	U
trans-1,3-Dichloropropylene	ug/L	0.42	0.42	U
1,1,2-Trichloroethane	ug/L	0.40	0.40	U
Toluene	ug/L	0.45	0.45	U
2-Hexanone	ug/L	0.99	0.99	U
Dibromochloromethane	ug/L	0.56	0.56	U
Tetrachloroethylene (PCE)	ug/L	0.52	0.52	U
1,1,1,2-Tetrachloroethane	ug/L	0.64	0.64	U
Chlorobenzene	ug/L	0.56	0.56	U
Ethylbenzene	ug/L	0.26	0.26	U
Bromoform	ug/L	0.61	0.61	U
Styrene	ug/L	0.84	0.84	U
1,1,2,2-Tetrachloroethane	ug/L	0.41	0.41	U
1,2,3-Trichloropropane	ug/L	0.58	0.58	U
1,4-Dichlorobenzene	ug/L	0.97	0.97	U
1,2-Dichlorobenzene	ug/L	0.63	0.63	U
trans-1,4-Dichloro-2-butene	ug/L	0.35	0.35	U

Report ID: 425405 - 7028395

Page 31 of 43

CERTIFICATE OF ANALYSIS

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

METHOD BLANK: 2053632

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Xylene (Total)	ug/L	1.3	1.3 U
1,2-Dichloroethane-d4 (S)	%	106	70-130
Toluene-d8 (S)	%	115	70-130
Bromofluorobenzene (S)	%	108	70-130

LABORATORY CONTROL SAMPLE: 2053633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
VOLATILES					
Vinyl Chloride	ug/L	20	18	91	70-130
1,1-Dichloroethylene	ug/L	20	15	77	70-130
cis-1,2-Dichloroethylene	ug/L	20	16	82	70-130
Chloroform	ug/L	20	15	77	70-130
Benzene	ug/L	20	20	99	70-130
Trichloroethene	ug/L	20	18	88	70-130
Toluene	ug/L	20	21	106	70-130
Tetrachloroethylene (PCE)	ug/L	20	20	101	70-130
Chlorobenzene	ug/L	20	20	102	70-130
Ethylbenzene	ug/L	20	22	112	70-130
1,2-Dichlorobenzene	ug/L	20	22	110	70-130
Xylene (Total)	ug/L	60	62	103	70-130
1,2-Dichloroethane-d4 (S)	%			98	70-130
Toluene-d8 (S)	%			116	70-130
Bromofluorobenzene (S)	%			99	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2053634 2053635 Original: T1606411007

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD Qualifiers
VOLATILES										
Vinyl Chloride	ug/L	0	20	20	20	101	99	70-130	2	30
1,1-Dichloroethylene	ug/L	0	20	16	17	82	83	70-130	1	30
cis-1,2-Dichloroethylene	ug/L	0	20	18	18	90	91	70-130	2	30
Chloroform	ug/L	0	20	16	17	81	83	70-130	2	30
Benzene	ug/L	0	20	22	21	110	107	70-130	3	30
Trichloroethene	ug/L	0	20	19	19	95	96	70-130	2	30
Toluene	ug/L	0	20	22	21	109	103	70-130	6	30
Tetrachloroethylene (PCE)	ug/L	0	20	21	21	103	103	70-130	1	30

Report ID: 425405 - 7028395

Page 32 of 43

CERTIFICATE OF ANALYSIS

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2053634 2053635 Original: T1606411007

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
Chlorobenzene	ug/L	1.2	20	22	23	104	107	70-130	2	30	
Ethylbenzene	ug/L	0	20	23	24	114	118	70-130	3	30	
1,2-Dichlorobenzene	ug/L	0	20	23	23	117	117	70-130	0	30	
Xylene (Total)	ug/L	0	60	63	64	105	106	70-130	1	30	
1,2-Dichloroethane-d4 (S)	%					93	98	70-130	6		
Toluene-d8 (S)	%					109	109	70-130	0		
Bromofluorobenzene (S)	%					101	101	70-130	0		

QC Batch: EXTj/1750

Analysis Method: SW-846 8011

QC Batch Method: SW-846 8011

Prepared: 05/26/2016 11:00

Associated Lab Samples: T1606767001, T1606767002, T1606767003, T1606767004, T1606767005, T1606767006

METHOD BLANK: 2053902

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
SEMIVOLATILES				
Ethylene Dibromide (EDB)	ug/L	0.0062	0.0062	U
1,2-Dibromo-3-Chloropropane	ug/L	0.0060	0.0060	U
Tetrachloro-m-xylene (S)	%	90	64-150	

LABORATORY CONTROL SAMPLE: 2053903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
SEMIVOLATILES						
Ethylene Dibromide (EDB)	ug/L	0.25	0.30	118	70-130	
1,2-Dibromo-3-Chloropropane	ug/L	0.25	0.32	128	70-130	
Tetrachloro-m-xylene (S)	%			92	64-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2053905 2053906 Original: M1601803001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
SEMIVOLATILES											
Ethylene Dibromide (EDB)	ug/L	0	0.25	0.31	0.31	123	126	70-130	1	30	

Report ID: 425405 - 7028395

Page 33 of 43

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2053905 2053906 Original: M1601803001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,2-Dibromo-3-Chloropropane	ug/L	0	0.25	0.32	0.30	128	123	70-130	5	30	
Tetrachloro-m-xylene (S)	%	92				90	99	64-150	8		

QC Batch: WCAI/3126 Analysis Method: SM 4500-Cl-E

QC Batch Method: SM 4500-Cl-E Prepared:

Associated Lab Samples: T1606767001, T1606767002, T1606767003, T1606767004

METHOD BLANK: 2054241

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY Chloride	mg/L	2.6	2.6 U	

LABORATORY CONTROL SAMPLE: 2054242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY Chloride	mg/L	50	51	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2054245 2054246 Original: T1606411008

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY Chloride	mg/L	49	50	98	95	98	91	90-110	3	10	

QC Batch: MSVI/1559 Analysis Method: SW-846 8260B

QC Batch Method: SW-846 5030B Prepared: 05/26/2016 00:00

Associated Lab Samples: T1606767001, T1606767006, T1606767007

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

METHOD BLANK: 2054511

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
VOLATILES				
Chloromethane	ug/L	0.70	0.70	U
Vinyl Chloride	ug/L	0.73	0.73	U
Bromomethane	ug/L	0.81	0.81	U
Chloroethane	ug/L	0.38	0.38	U
Trichlorofluoromethane	ug/L	0.84	0.84	U
Acetone	ug/L	1.0	1.0	U
1,1-Dichloroethylene	ug/L	0.70	0.70	U
Iodomethane (Methyl Iodide)	ug/L	0.65	0.65	U
Acrylonitrile	ug/L	4.6	4.6	U
Methylene Chloride	ug/L	1.0	1.0	U
Carbon Disulfide	ug/L	0.49	0.49	U
trans-1,2-Dichloroethylene	ug/L	0.50	0.50	U
1,1-Dichloroethane	ug/L	0.86	0.86	U
Vinyl Acetate	ug/L	0.40	0.40	U
2-Butanone (MEK)	ug/L	0.59	0.59	U
cis-1,2-Dichloroethylene	ug/L	0.51	0.51	U
Bromochloromethane	ug/L	0.33	0.33	U
Chloroform	ug/L	0.31	0.31	U
1,2-Dichloroethane	ug/L	0.68	0.68	U
1,1,1-Trichloroethane	ug/L	0.44	0.44	U
Carbon Tetrachloride	ug/L	0.57	0.57	U
Benzene	ug/L	0.34	0.34	U
Dibromomethane	ug/L	0.76	0.76	U
1,2-Dichloropropane	ug/L	0.76	0.76	U
Trichloroethene	ug/L	0.66	0.66	U
Bromodichloromethane	ug/L	0.49	0.49	U
cis-1,3-Dichloropropene	ug/L	0.36	0.36	U
4-Methyl-2-pentanone (MIBK)	ug/L	0.93	0.93	U
trans-1,3-Dichloropropylene	ug/L	0.42	0.42	U
1,1,2-Trichloroethane	ug/L	0.40	0.40	U
Toluene	ug/L	0.45	0.45	U
2-Hexanone	ug/L	0.99	0.99	U
Dibromochloromethane	ug/L	0.56	0.56	U
Tetrachloroethylene (PCE)	ug/L	0.52	0.52	U
1,1,1,2-Tetrachloroethane	ug/L	0.64	0.64	U
Chlorobenzene	ug/L	0.56	0.56	U
Ethylbenzene	ug/L	0.26	0.26	U
Bromoform	ug/L	0.61	0.61	U
Styrene	ug/L	0.84	0.84	U
1,1,2,2-Tetrachloroethane	ug/L	0.41	0.41	U
1,2,3-Trichloropropane	ug/L	0.58	0.58	U
1,4-Dichlorobenzene	ug/L	0.97	0.97	U
1,2-Dichlorobenzene	ug/L	0.63	0.63	U
trans-1,4-Dichloro-2-butene	ug/L	0.35	0.35	U

Report ID: 425405 - 7028395

Page 35 of 43

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

METHOD BLANK: 2054511

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Xylene (Total)	ug/L	1.3	1.3 U
1,2-Dichloroethane-d4 (S)	%	118	70-130
Toluene-d8 (S)	%	103	70-130
Bromofluorobenzene (S)	%	111	70-130

LABORATORY CONTROL SAMPLE: 2054512

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
VOLATILES					
Vinyl Chloride	ug/L	20	22	112	70-130
1,1-Dichloroethylene	ug/L	20	24	119	70-130
cis-1,2-Dichloroethylene	ug/L	20	22	112	70-130
Chloroform	ug/L	20	21	106	70-130
Benzene	ug/L	20	24	118	70-130
Trichloroethene	ug/L	20	22	110	70-130
Toluene	ug/L	20	20	99	70-130
Tetrachloroethylene (PCE)	ug/L	20	21	107	70-130
Chlorobenzene	ug/L	20	21	105	70-130
Ethylbenzene	ug/L	20	23	114	70-130
1,2-Dichlorobenzene	ug/L	20	24	119	70-130
Xylene (Total)	ug/L	60	62	104	70-130
1,2-Dichloroethane-d4 (S)	%			115	70-130
Toluene-d8 (S)	%			98	70-130
Bromofluorobenzene (S)	%			103	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2054565 2054566 Original: S1600666003

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	Max RPD	Qualifiers
VOLATILES											
Vinyl Chloride	ug/L	0	20	22	22	111	110	70-130	1	30	
1,1-Dichloroethylene	ug/L	0	20	24	23	118	117	70-130	1	30	
cis-1,2-Dichloroethylene	ug/L	0	20	23	23	116	113	70-130	3	30	
Chloroform	ug/L	2.9	20	25	24	112	107	70-130	4	30	
Benzene	ug/L	0	20	24	23	120	117	70-130	3	30	
Trichloroethene	ug/L	0	20	22	22	112	109	70-130	2	30	
Toluene	ug/L	0	20	20	20	102	99	70-130	3	30	
Tetrachloroethylene (PCE)	ug/L	0	20	21	21	107	105	70-130	2	30	

Report ID: 425405 - 7028395

Page 36 of 43

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2054565 2054566 Original: S1600666003

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	0	20	22	21	108	105	70-130	3	30	
Ethylbenzene	ug/L	0	20	23	23	117	113	70-130	4	30	
1,2-Dichlorobenzene	ug/L	0	20	25	25	124	123	70-130	1	30	
Xylene (Total)	ug/L	0	60	64	62	106	104	70-130	2	30	
1,2-Dichloroethane-d4 (S)	%	116				110	113	70-130	2		
Toluene-d8 (S)	%	100				98	96	70-130	1		
Bromofluorobenzene (S)	%	114				104	104	70-130	0		

QC Batch: WCAI/3156 Analysis Method: SM 4500-CI-E
QC Batch Method: SM 4500-CI-E Prepared:
Associated Lab Samples: T1606767005, T1606767006

METHOD BLANK: 2055972

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY Chloride	mg/L	2.6	2.6	U

LABORATORY CONTROL SAMPLE: 2055973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY Chloride	mg/L	50	52	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2055974 2055975 Original: T1606767006

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY Chloride	mg/L	0	50	53	53	106	106	90-110	0	10	

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QUALITY CONTROL DATA

Workorder: T1606767 SELF Supplemental Site Assm.

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2055976 2055977 Original: T1606411018

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY Chloride	mg/L	0.66	50	53	51	106	103	90-110	3	10	

QC Batch: DGM/1371

Analysis Method: SW-846 7470A

QC Batch Method: SW-846 7470A

Prepared: 05/27/2016 12:00

Associated Lab Samples: T1606767001, T1606767002, T1606767003, T1606767004, T1606767005, T1606767006

METHOD BLANK: 2056224

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS Mercury	ug/L	0.084	0.084	U

LABORATORY CONTROL SAMPLE: 2056225

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS Mercury	ug/L	1	0.88	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2056226 2056227 Original: T1606411007

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS Mercury	ug/L	0.022	1	0.97	0.55	97	55	80-120	55	20	J4

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QUALITY CONTROL DATA QUALIFIERS

Workorder: T1606767 SELF Supplemental Site Assm.

QUALITY CONTROL PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J4 Estimated Result

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1606767002	TH-20B	SW-846 3010A	DGMt/1325	SW-846 6010	ICPt/1223
T1606767003	TH-67	SW-846 3010A	DGMt/1325	SW-846 6010	ICPt/1223
T1606767004	TH-66A	SW-846 3010A	DGMt/1325	SW-846 6010	ICPt/1223
T1606767001	EW-39	SW-846 3010A	DGMt/1325	SW-846 6010	ICPt/1234
T1606767005	TH-38B	SW-846 3010A	DGMt/1326	SW-846 6010	ICPt/1224
T1606767006	Field Blank	SW-846 3010A	DGMt/1326	SW-846 6010	ICPt/1224
T1606767001	EW-39			SM 4500NO3-F	WCAt/2990
T1606767002	TH-20B			SM 4500NO3-F	WCAt/2990
T1606767003	TH-67			SM 4500NO3-F	WCAt/2990
T1606767004	TH-66A			SM 4500NO3-F	WCAt/2990
T1606767005	TH-38B			SM 4500NO3-F	WCAt/2990
T1606767006	Field Blank			SM 4500NO3-F	WCAt/2991
T1606767001	EW-39	SW-846 3010A	DGMj/1520	SW-846 6020	ICMj/1141
T1606767002	TH-20B	SW-846 3010A	DGMj/1520	SW-846 6020	ICMj/1141
T1606767003	TH-67	SW-846 3010A	DGMj/1520	SW-846 6020	ICMj/1141
T1606767004	TH-66A	SW-846 3010A	DGMj/1520	SW-846 6020	ICMj/1141
T1606767005	TH-38B	SW-846 3010A	DGMj/1520	SW-846 6020	ICMj/1141
T1606767006	Field Blank	SW-846 3010A	DGMj/1520	SW-846 6020	ICMj/1141
T1606767001	EW-39			EPA 350.1	WCAt/3009
T1606767003	TH-67			EPA 350.1	WCAt/3009
T1606767004	TH-66A			EPA 350.1	WCAt/3009
T1606767005	TH-38B			EPA 350.1	WCAt/3009
T1606767006	Field Blank			EPA 350.1	WCAt/3009
T1606767001	EW-39			SM 2540 C	WCAt/3026
T1606767002	TH-20B			SM 2540 C	WCAt/3026
T1606767003	TH-67			SM 2540 C	WCAt/3026
T1606767004	TH-66A			SM 2540 C	WCAt/3026

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1606767005	TH-38B			SM 2540 C	WCAt/3026
T1606767006	Field Blank			SM 2540 C	WCAt/3026
T1606767002	TH-20B			EPA 350.1	WCAt/3038
T1606767002	TH-20B	SW-846 5030B	MSVt/1554	SW-846 8260B	MSVt/1555
T1606767003	TH-67	SW-846 5030B	MSVt/1554	SW-846 8260B	MSVt/1555
T1606767004	TH-66A	SW-846 5030B	MSVt/1554	SW-846 8260B	MSVt/1555
T1606767005	TH-38B	SW-846 5030B	MSVt/1554	SW-846 8260B	MSVt/1555
T1606767001	EW-39	SW-846 8011	EXTj/1750	SW-846 8011	GCSj/1529
T1606767002	TH-20B	SW-846 8011	EXTj/1750	SW-846 8011	GCSj/1529
T1606767003	TH-67	SW-846 8011	EXTj/1750	SW-846 8011	GCSj/1529
T1606767004	TH-66A	SW-846 8011	EXTj/1750	SW-846 8011	GCSj/1529
T1606767005	TH-38B	SW-846 8011	EXTj/1750	SW-846 8011	GCSj/1529
T1606767006	Field Blank	SW-846 8011	EXTj/1750	SW-846 8011	GCSj/1529
T1606767001	EW-39			SM 4500-CI-E	WCAt/3126
T1606767002	TH-20B			SM 4500-CI-E	WCAt/3126
T1606767003	TH-67			SM 4500-CI-E	WCAt/3126
T1606767004	TH-66A			SM 4500-CI-E	WCAt/3126
T1606767001	EW-39	SW-846 5030B	MSVt/1559	SW-846 8260B	MSVt/1560
T1606767006	Field Blank	SW-846 5030B	MSVt/1559	SW-846 8260B	MSVt/1560
T1606767007	Travel Blank	SW-846 5030B	MSVt/1559	SW-846 8260B	MSVt/1560
T1606767005	TH-38B			SM 4500-CI-E	WCAt/3156
T1606767006	Field Blank			SM 4500-CI-E	WCAt/3156
T1606767001	EW-39	SW-846 7470A	DGMt/1371	SW-846 7470A	CVAAt/1076
T1606767002	TH-20B	SW-846 7470A	DGMt/1371	SW-846 7470A	CVAAt/1076
T1606767003	TH-67	SW-846 7470A	DGMt/1371	SW-846 7470A	CVAAt/1076
T1606767004	TH-66A	SW-846 7470A	DGMt/1371	SW-846 7470A	CVAAt/1076

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1606767 SELF Supplemental Site Assm.

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1606767005	TH-38B	SW-846 7470A	DGMt/1371	SW-846 7470A	CVAt/1076
T1606767006	Field Blank	SW-846 7470A	DGMt/1371	SW-846 7470A	CVAt/1076
T1606767001	EW-39	Field Measurements	FLDt/	Field Measurements	FLDt/
T1606767002	TH-20B	Field Measurements	FLDt/	Field Measurements	FLDt/
T1606767003	TH-67	Field Measurements	FLDt/	Field Measurements	FLDt/
T1606767004	TH-66A	Field Measurements	FLDt/	Field Measurements	FLDt/
T1606767005	TH-38B	Field Measurements	FLDt/	Field Measurements	FLDt/



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- 76667

	Relinquished by:	Date	Time	Received by:	Date	Time
1		5/16/14			5-16	15.00
2						
3						
4						

SITE NAME: Southeast Landfill		SITE LOCATION:	
WELL NO: EW-39	SAMPLE ID: EW-39	DATE: 5/16/16	

PURGING DATA

WELL DIAMETER (inches): <u>N/A</u>		TUBING DIAMETER (inches): <u>N/A</u>		WELL SCREEN INTERVAL DEPTH: feet to feet		STATIC DEPTH TO WATER (feet): <u>41.64</u>		PURGE PUMP TYPE OR BAILER: <u>Bailer</u>			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>N/A</u>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>N/A</u>		PURGING INITIATED AT: <u>N/A</u>		PURGING ENDED AT: <u>N/A</u>		TOTAL VOLUME PURGED (gallons): <u>N/A</u>			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:30	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>7.63</u>	<u>37.93</u>	<u>33297</u>	<u>.05</u>	<u>23</u>	<u>cloudy grey</u>	<u>yes</u>
<p>WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88</p> <p>TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016</p> <p>PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)</p>											

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 2009


Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Southeast Landfill		SITE LOCATION:	
WELL NO: TH-20B	SAMPLE ID: TH-20B		DATE: 5/16/16

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 12.8 feet to 22.8 feet		STATIC DEPTH TO WATER (feet): 10.05		PURGE PUMP TYPE OR BAILER: BP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (\text{22.8 feet} - \text{10.05 feet}) \times \text{.16 gallons/foot} = \text{2.04 gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.8		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.8		PURGING INITIATED AT: 12:30		PURGING ENDED AT: 13:03		TOTAL VOLUME PURGED (gallons): 330			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:51	2.10	2.10	.10	12.92	5.68	23.49	468	.25	1.15	NONE	NONE
12:57	.60	2.70	.16	12.92	5.68	23.47	471	.23	1.20	↓	↓
13:03	.60	3.30	.10	12.92	5.67	23.47	473	.23	1.39		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ANDREW BALLOON / ZACK PATTERSON Josh Fuller				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 13:03		SAMPLING ENDED AT: 13:09	
PUMP OR TUBING DEPTH IN WELL (feet): 21.8				TUBING MATERIAL CODE: T			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/> Filtration Equipment Type:		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP Y N Dedicated				TUBING Y N Dedicated			DUPLICATE: Y <input checked="" type="radio"/> N <input type="radio"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
SEE COC FOR ANALYSIS							12:51 (-7.4) 12:57 (-8.2) 13:03 (-9.6)			
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 2009

PURGING DATA

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)									

SAMPLING DATA

SEE COC FOR ANALYSIS

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: $\pm 0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2\text{ mg/L}$ or $+10\%$ (whichever is greater) Turbidity: all readings $< 20\text{ NTU}$; optionally $+5\text{ NTU}$ or $+10\%$ (whichever is greater)

Page 4 of 6

Revision Date: February 1, 2004

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.37			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.57			PURGING INITIATED AT: 11:12		PURGING ENDED AT: 11:33		TOTAL VOLUME PURGED (gallons): 1.68	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:25	1.04	1.04	.08	10.57	6.09	24.41	331	.84	.78	NONE	NONE
11:29	.32	1.36	.08	10.57	6.05	24.50	337	.94	.79	↓	↓
11:33	.32	1.68	.08	10.57	6.03	24.55	334	.65	.86	↓	↓
<p>WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88</p> <p>TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016</p> <p>PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)</p>											

SAMPLING DATA

SEE COC FOR ANALYSIS

ORP 11:25 (79) 11:29 (73.9) 11:33 (69.7)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 1, 2004

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):			FINAL PUMP OR TUBING DEPTH IN WELL (feet):			PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):		
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
10:41	.65	.65	.05	11.53	4.97	24.84	78	2.05	11.3	light		
10:45	.20	.85	.05	11.53	4.94	24.82	75	1.88	11.5	cloudy	none	
10:49	.20	1.05	.05	11.53	4.91	24.91	72	1.64	11.04			
10:53	.20	1.20	.05	11.53	4.89	24.82	71	1.48	9.2			
10:57	.20	1.40	.05	11.53	4.95	24.78	70	1.50	8.75			
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

SITE NAME: Southeast Lndf:11		SITE LOCATION:	
WELL NO: Field Blank	SAMPLE ID: Field Blank	DATE: 5/16/16	

PURGING DATA


WELL DIAMETER (inches):	N/A	TUBING DIAMETER (inches):	N/A	WELL SCREEN INTERVAL DEPTH: — feet to — feet	STATIC DEPTH TO WATER (feet):	N/A	PURGE PUMP TYPE OR BAILER:	N/A	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)									
$= (\quad \text{feet} - \quad \text{feet}) \times \quad \text{gallons/foot} = \quad \text{gallons}$									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)									
$= \quad \text{gallons} + (\quad \text{gallons/foot} \times \quad \text{feet}) + \quad \text{gallons} = \quad \text{gallons}$									
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	N/A	PURGING INITIATED AT:	N/A	PURGING ENDED AT:	N/A	TOTAL VOLUME PURGED (gallons):	N/A

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
<div style="border: 1px solid black; padding: 10px; display: inline-block;"> FIELD BLANK </div>											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ANDREW BALLOON / ZACK PATTERSON JOSH FULLER		SAMPLER(S) SIGNATURE(S): 		SAMPLING INITIATED AT: 10:35	SAMPLING ENDED AT: 10:40
PUMP OR TUBING DEPTH IN WELL (feet): N/A		TUBING MATERIAL CODE: T		FIELD FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>	FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input type="radio"/> Dedicated		TUBING Y <input checked="" type="radio"/> N <input type="radio"/> Dedicated		DUPLICATE: Y <input checked="" type="radio"/> N <input type="radio"/>	

[illegible]

SEE COC FOR ANALYSIS

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

Revision Date: February 2009