

Laboratory Results

Lee County Environmental Laboratory

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Report Date: 5/15/2018

Below are the results of samples submitted to this laboratory on 4/25/2018

Laboratory ID	AD73279	Collection date and time	4/25/2018 11:50 AM
Location Code	HENDGR01	Sample Collector	DUGAN/REISTAD
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	5.85		mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Pheophytin	2.19		mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	5/6/2018	7:44 AM	EPA 200.8
Arsenic	22.2		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8
Barium	26.6		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/6/2018	7:44 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.6	V1 J3	mg/L	0.3	1.2	4/26/2018	10:09 AM	SM20 5210 B
Calcium by ICP	456		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8
Chloride	19600		mg/L	16.00	64.0	5/2/2018	3:21 PM	SM21 4500-Cl ⁻ D
Color	45.6		CU	1.6	6.4	4/25/2018	2:35 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Copper	57.8		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.2		mg/L	0.1		4/25/2018	11:50 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		4/25/2018	2:06 PM	Enterolert®
Iron by ICP	0.100	I	mg/L	0.050	0.200	5/7/2018	1:28 PM	EPA 200.7
Magnesium by ICP	1240		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
E.coli Enumeration	20		MPN/100mL	10		4/25/2018	2:06 PM	Colilert-18®
Manganese	22.9		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Molybdenum	6.80	I	µg/L	5.00	20.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73279	Collection date and time	4/25/2018 11:50 AM
Location Code	HENDGR01	Sample Collector	DUGAN/REISTAD
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Ammonia	0.014	U	mg/L as N	0.014	0.056	4/26/2018	2:10 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	5/6/2018	7:44 AM	EPA 200.8
Nitrite	0.005	I	mg/L as N	0.003	0.012	4/26/2018	10:58 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrogen, Organic	1.3		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN - NH3
Phosphorus, Ortho	0.026		mg/L as P	0.004	0.016	4/25/2018	2:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Salinity by meter by Client	34.01		SU	0.1		4/25/2018	11:50 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1		meters	0.1		4/25/2018	11:50 AM	FDEP FT 1700
Selenium	84.7		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8
Silica, dissolved as SiO2	4.7		mg/L as SiO2	0.1	0.4	4/25/2018	2:23 PM	SM4500 C
Total Hardness	6220		mg/L as CaCO3	2.50	10.0	5/7/2018	1:28 PM	SM21 2340 B
Nitrogen, Kjeldahl, Total	1.3		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8
Nitrogen, Total	1.3		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN + NOX
Phosphorus, Total	0.072		mg/L as P	0.006	0.024	5/1/2018	8:27 AM	EPA 365.1
Total Suspended Solids	10.1		mg/L	0.6	2.4	4/26/2018	9:14 AM	SM21 2540 D
Turbidity (Nephelometric)	3.97		NTU	0.2	0.8	4/26/2018	6:52 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73280	Collection date and time	4/25/2018 11:35 AM
Location Code	HENDGR02	Sample Collector	DUGAN/REISTAD
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	6.06		mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Pheophytin	2.44		mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	5/6/2018	7:44 AM	EPA 200.8
Arsenic	23.1		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73280	Collection date and time	4/25/2018 11:35 AM
Location Code	HENDGR02	Sample Collector	DUGAN/REISTAD
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Barium	41.8		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/6/2018	7:44 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.6	V1 J3	mg/L	0.3	1.2	4/26/2018	10:09 AM	SM20 5210 B
Calcium by ICP	466		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8
Chloride	16400		mg/L	16.00	64.0	5/2/2018	3:21 PM	SM21 4500-Cl ⁻ D
Color	70.8		CU	1.6	6.4	4/25/2018	2:35 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Copper	63.5		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.43		mg/L	0.1		4/25/2018	11:35 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		4/25/2018	2:06 PM	Enterolert®
Iron by ICP	0.080	I	mg/L	0.050	0.200	5/7/2018	1:28 PM	EPA 200.7
Magnesium by ICP	1130		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
E.coli Enumeration	42		MPN/100mL	10		4/25/2018	2:06 PM	Colilert-18®
Manganese	36.0		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	5/6/2018	7:44 AM	EPA 200.8
Ammonia	0.038	I	mg/L as N	0.014	0.056	4/26/2018	2:10 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	5/6/2018	7:44 AM	EPA 200.8
Nitrite	0.007	I	mg/L as N	0.003	0.012	4/26/2018	10:58 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrate + Nitrite	0.014	V1 I	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrogen, Organic	1.1		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN - NH3
Phosphorus, Ortho	0.053		mg/L as P	0.004	0.016	4/25/2018	2:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Salinity by meter by Client	30.88		SU	0.1		4/25/2018	11:35 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9	S	meters	0.1		4/25/2018	11:35 AM	FDEP FT 1700
Selenium	81.6		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8
Silica, dissolved as SiO2	6.3		mg/L as SiO2	0.1	0.4	4/25/2018	2:23 PM	SM4500 C
Total Hardness	5810		mg/L as CaCO3	2.50	10.0	5/7/2018	1:28 PM	SM21 2340 B
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73280	Collection date and time	4/25/2018 11:35 AM
Location Code	HENDGR02	Sample Collector	DUGAN/REISTAD
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Total	1.1	V1	mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN + NOX
Phosphorus, Total	0.095		mg/L as P	0.006	0.024	5/1/2018	8:27 AM	EPA 365.1
Total Suspended Solids	12.4		mg/L	0.6	2.4	4/26/2018	9:14 AM	SM21 2540 D
Turbidity (Nephelometric)	2.08		NTU	0.2	0.8	4/26/2018	6:52 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73281	Collection date and time	4/25/2018 10:35 AM
Location Code	MULLGR01	Sample Collector	DUGAN/REISTAD
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	2.82		mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Pheophytin	1.69	I	mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	5/6/2018	7:44 AM	EPA 200.8
Arsenic	21.3		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8
Barium	18.5	I	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/6/2018	7:44 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.3	V1 J3	mg/L	0.3	1.2	4/26/2018	10:09 AM	SM20 5210 B
Calcium by ICP	427		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8
Chloride	20300		mg/L	16.00	64.0	5/2/2018	3:21 PM	SM21 4500-Cl ⁻ D
Color	26.6		CU	1.6	6.4	4/25/2018	2:35 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Copper	91.4		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.11		mg/L	0.1		4/25/2018	10:35 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		4/25/2018	2:06 PM	Enterolert®
Iron by ICP	0.110	I	mg/L	0.050	0.200	5/7/2018	1:28 PM	EPA 200.7
Magnesium by ICP	1210		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
E.coli Enumeration	10	U	MPN/100mL	10		4/25/2018	2:06 PM	Colilert-18®
Manganese	19.1	I	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Molybdenum	8.15	I	µg/L	5.00	20.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73281	Collection date and time	4/25/2018 10:35 AM
Location Code	MULLGR01	Sample Collector	DUGAN/REISTAD
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Ammonia	0.014	U	mg/L as N	0.014	0.056	4/26/2018	2:10 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	5/6/2018	7:44 AM	EPA 200.8
Nitrite	0.004	I	mg/L as N	0.003	0.012	4/26/2018	10:58 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrogen, Organic	1.1		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN - NH3
Phosphorus, Ortho	0.017		mg/L as P	0.004	0.016	4/25/2018	2:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Salinity by meter by Client	33.66		SU	0.1		4/25/2018	10:35 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.8	S	meters	0.1		4/25/2018	10:35 AM	FDEP FT 1700
Selenium	84.8		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8
Silica, dissolved as SiO2	3.2		mg/L as SiO2	0.1	0.4	4/25/2018	2:23 PM	SM4500 C
Total Hardness	6070		mg/L as CaCO3	2.50	10.0	5/7/2018	1:28 PM	SM21 2340 B
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8
Nitrogen, Total	1.1		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN + NOX
Phosphorus, Total	0.057		mg/L as P	0.006	0.024	5/1/2018	8:27 AM	EPA 365.1
Total Suspended Solids	29.5		mg/L	0.6	2.4	4/26/2018	9:14 AM	SM21 2540 D
Turbidity (Nephelometric)	4.30		NTU	0.2	0.8	4/26/2018	6:52 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73282	Collection date and time	4/25/2018 10:00 AM
Location Code	MULLGR02	Sample Collector	DUGAN/REISTAD
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	3.30		mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Pheophytin	3.00		mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	5/6/2018	7:44 AM	EPA 200.8
Arsenic	21.4		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73282	Collection date and time	4/25/2018 10:00 AM
Location Code	MULLGR02	Sample Collector	DUGAN/REISTAD
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Barium	22.6		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/6/2018	7:44 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.5	V1 J3	mg/L	0.3	1.2	4/26/2018	10:09 AM	SM20 5210 B
Calcium by ICP	388		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8
Chloride	17700		mg/L	16.00	64.0	5/2/2018	3:21 PM	SM21 4500-Cl ⁻ D
Color	33.0		CU	1.6	6.4	4/25/2018	2:35 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Copper	94.4		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.63		mg/L	0.1		4/25/2018	10:00 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		4/25/2018	2:06 PM	Enterolert®
Iron by ICP	0.160	I	mg/L	0.050	0.200	5/7/2018	1:28 PM	EPA 200.7
Magnesium by ICP	1050		mg/L	2.50	10.00	5/7/2018	1:28 PM	EPA 200.7
E.coli Enumeration	20		MPN/100mL	10		4/25/2018	2:06 PM	Colilert-18®
Manganese	23.2		µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Molybdenum	7.93	I	µg/L	5.00	20.0	5/6/2018	7:44 AM	EPA 200.8
Ammonia	0.037	I J4	mg/L as N	0.014	0.056	4/26/2018	2:10 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	5/6/2018	7:44 AM	EPA 200.8
Nitrite	0.005	I	mg/L as N	0.003	0.012	4/26/2018	10:58 AM	EPA 353.2
Nitrate	0.012	V1 I	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrate + Nitrite	0.017	V1 I	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrogen, Organic	0.80		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN - NH3
Phosphorus, Ortho	0.018		mg/L as P	0.004	0.016	4/25/2018	2:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Salinity by meter by Client	29.19		SU	0.1		4/25/2018	10:00 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.75	S	meters	0.1		4/25/2018	10:00 AM	FDEP FT 1700
Selenium	75.4		µg/L	5.0	20	5/6/2018	7:44 AM	EPA 200.8
Silica, dissolved as SiO2	3.1		mg/L as SiO2	0.1	0.4	4/25/2018	2:23 PM	SM4500 C
Total Hardness	5280		mg/L as CaCO3	2.50	10.0	5/7/2018	1:28 PM	SM21 2340 B
Nitrogen, Kjeldahl, Total	0.84		mg/L as N	0.05	0.2	5/1/2018	8:25 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73282	Collection date and time	4/25/2018 10:00 AM
Location Code	MULLGR02	Sample Collector	DUGAN/REISTAD
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Total	0.86	V1	mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN + NOX
Phosphorus, Total	0.058		mg/L as P	0.006	0.024	5/1/2018	8:27 AM	EPA 365.1
Total Suspended Solids	17.4		mg/L	0.6	2.4	4/26/2018	9:14 AM	SM21 2540 D
Turbidity (Nephelometric)	3.66		NTU	0.2	0.8	4/26/2018	6:52 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	5/6/2018	7:44 AM	EPA 200.8

Laboratory ID	AD73283	Collection date and time	4/25/2018 10:15 AM
Location Code	EBTEB	Sample Collector	DUGAN/REISTAD
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.50	U	mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	4/30/2018	3:00 PM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	5/6/2018	7:44 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	5/6/2018	7:44 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	5/6/2018	7:44 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	5/6/2018	7:44 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.0	I J3	mg/L	0.3	1.2	4/26/2018	10:09 AM	SM20 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	5/7/2018	1:28 PM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	5/6/2018	7:44 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	5/2/2018	3:21 PM	SM21 4500-Cl ⁻ D
Color	1.6	U	CU	1.6	6.4	4/25/2018	2:35 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	5/6/2018	7:44 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	5/11/2018	10:19 AM	EPA 200.8
Enterococci	2	U	MPN/100mL	2		4/25/2018	2:06 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	5/7/2018	1:28 PM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	5/7/2018	1:28 PM	EPA 200.7
E.coli Enumeration	2	U	MPN/100mL	2		4/25/2018	2:06 PM	Colilert-18®
Manganese	0.5	U	µg/L	0.5	2.0	5/11/2018	10:19 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	5/6/2018	7:44 AM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	4/26/2018	11:50 AM	EPA 350.1

Laboratory ID	AD73283	Collection date and time	4/25/2018 10:15 AM
Location Code	EBTEB	Sample Collector	DUGAN/REISTAD
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nickel	0.75	U	µg/L	0.75	3.00	5/6/2018	7:44 AM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	4/26/2018	10:58 AM	EPA 353.2
Nitrate	0.015	I	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrate + Nitrite	0.015	I	mg/L as N	0.01	0.04	4/26/2018	10:58 AM	EPA 353.2
Nitrogen, Organic	0.050	U	mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	4/25/2018	2:23 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	5/6/2018	7:44 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	5/6/2018	7:44 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	5/6/2018	7:44 AM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	4/25/2018	2:23 PM	SM4500 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	5/7/2018	1:28 PM	SM21 2340 B
Nitrogen, Kjeldahl, Total	0.05	U	mg/L as N	0.05	0.2	5/1/2018	8:25 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	5/6/2018	7:44 AM	EPA 200.8
Nitrogen, Total	0.05	U	mg/L as N	0.05	0.2	5/1/2018	8:25 AM	TKN + NOX
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	5/1/2018	8:27 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	4/26/2018	9:14 AM	SM21 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	4/26/2018	6:52 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	5/6/2018	7:44 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	5/6/2018	7:44 AM	EPA 200.8

Qualifiers:

- I The value is less than, or equal to, the laboratory's practical quantitation limit (PQL) and greater than the minimum detection limit (MDL).
- I J3 The value is $\leq$ to the PQL and $>$ the MDL. The reported value failed to meet the established quality control criteria for either precision or accuracy.
- I J4 The value is $\leq$ to the PQL and $>$ the MDL. The sample matrix interfered with the ability to meet the accuracy requirement for a matrix spike.
- S Secchi disk visible to bottom of waterbody. Value reported is the depth of the waterbody at the location of Secchi disk measurement.
- U Indicates that the compound was analyzed for but not detected.
- V1 Indicates that the analyte was detected in both the sample and associated field blank at a level of $<5X$ the blank value.
- V1 I Analyte found in both sample & field blank @ $<5X$ the blank value. The value is $>$ the MDL and $\leq$ to the PQL.
- V1 J3 Analyte found in both sample & field blank @ $<5X$ the blank value. Value failed to meet quality control criteria for either precision or accuracy.

Unless noted otherwise, these test results meet all the requirements of the 2003 NELAC Standards.
The results provided herein relate only to the samples cited as they were received by the laboratory. All questions regarding this report should be directed to Rick Armstrong, Laboratory Manager.



Rick Armstrong
Lab Manager
Lee County Environmental Lab

Lab Certification: E45049

Lee County Environmental Laboratory
60-2 Danley Dr Ft Myers, FL 33907
Phone: (239) 533-8600
Fax: (239) 939-4850

Analysis Request & Chain of Custody Record

Report/Result Information				Billing/Invoice Information				Page 1 of 1															
Name: FDEP - South ATTN: Kirby Wolfe Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901-2549 Phone: (239) 470-0873 Sample Collector(s) (please print): Maryann Dugan, Kelsey Lang				Name: DNRM RE: EB Tribb Address: 1500 Monroe St Ft Myers, FL 33901 Phone: (239) 533-8109 Sample Collector Signature: Maryann Dugan				Matrix Codes: DW-Drinking water GW- Ground water WW-Waste water SW-Surface water WWS-Wastewater Sludge S-Sediment O-Other				Preservative Codes: NP-No Preservative N-Nitric Acid S-Sulfuric Acid H-Hydrochloric Acid SH-Sodium Hydroxide ST-Sodium Thiosulfate O-Other											
Analyses Required										\$Chloro		O-PO4		NH3, TKN, TN, NOX, NO3, ONIT		Turb, Cl p, NO2, TSS, T-PO4, Silica, Color		Bod, Bodi		Fomf, Entero		#WSMetals, THardC	
Relinquished By: (signature) Maryann Dugan Relinquished By: (signature) Relinquished By: (signature)				Date 04/25/18		Time 1345		Received By: (signature) MF Received By: (signature) Received By: (signature)				Preservatives (see codes)		NP NPF S NP ST N		Lab ID #							
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 2.3°C																							
Collection Date Time				Sample Description & Location				Matrix (see codes)		# of Sample Containers Submitted													
04/25 1150 AM PM				HendGr01 pH= 7.52 SpCond (mS/cm) = 51794				SW		1 1 1 2 3 1				AD73279									
04/25 1135 AM PM				HendGr02 pH= 7.33 SpCond (mS/cm) = 47530				SW		1 1 1 2 3 1				AD73280									
04/25 1035 AM PM				MullGr01 pH= 7.56 SpCond (mS/cm) = 51307				SW		1 1 1 2 3 1				AD73281									
04/25 1000 AM PM				MullGr02 pH= 7.36 SpCond (mS/cm) = 45179				SW		1 1 1 2 3 1				AD73282									
04/25 1015 AM PM				EBTeb pH= 6.71 SpCond (mS/cm) = 1.5				FB		1 1 1 2 2 1				AD73283									
AM PM																							
AM PM																							