

Laboratory Results

Lee County Environmental Laboratory

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Report Date: 2/27/2018

Below are the results of samples submitted to this laboratory on 2/5/2018

Laboratory ID	AD60598	Collection date and time	2/5/2018 12:35 PM
Location Code	HENDGR01	Sample Collector	MARYANN DUGAN
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	8.00		mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Pheophytin	4.84		mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	2/23/2018	11:03 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Barium	27.8		µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/19/2018	7:50 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	2.5		mg/L	0.3	1.2	2/6/2018	10:31 AM	SM20 5210 B
Calcium by ICP	351		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Chloride	13300		mg/L	16.00	64.0	2/9/2018	12:44 PM	SM21 4500-Cl ⁻ D
Color	50.3		CU	1.6	6.4	2/6/2018	6:57 AM	SM21 2120 C
Chromium	6.60	V1 I	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Copper	52.5	V1	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	6.88		mg/L	0.1		2/5/2018	12:35 PM	FDEP FT1500
Enterococci	124		MPN/100mL	10		2/5/2018	3:24 PM	Enterolert®
Iron by ICP	0.060	I	mg/L	0.050	0.200	2/20/2018	8:06 AM	EPA 200.7
Magnesium by ICP	831		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
E.coli Enumeration	63		MPN/100mL	10		2/5/2018	3:24 PM	Colilert-18®
Manganese	50.8		µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	2/19/2018	7:50 AM	EPA 200.8

Laboratory ID	AD60598	Collection date and time	2/5/2018 12:35 PM
Location Code	HENDGR01	Sample Collector	MARYANN DUGAN
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	2/8/2018	12:58 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/19/2018	7:50 AM	EPA 200.8
Nitrite	0.003	I	mg/L as N	0.003	0.012	2/7/2018	9:03 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrogen, Organic	0.83		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN - NH3
Phosphorus, Ortho	0.013	I	mg/L as P	0.004	0.016	2/6/2018	2:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Antimony	10	U	µg/L	10	40	2/19/2018	7:50 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters	0.1		2/5/2018	12:35 PM	FDEP FT 1700
Selenium	66.6		µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Silica, dissolved as SiO2	5.4		mg/L as SiO2	0.1	0.4	2/6/2018	2:25 PM	SM4500 C
Total Hardness	4300		mg/L as CaCO3	2.50	10.0	2/20/2018	8:06 AM	SM21 2340 B
Nitrogen, Kjeldahl, Total	0.83		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Nitrogen, Total	0.83		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN + NOX
Phosphorus, Total	0.055		mg/L as P	0.006	0.024	2/7/2018	10:28 AM	EPA 365.1
Total Suspended Solids	8.40		mg/L	0.6	2.4	2/6/2018	9:55 AM	SM21 2540 D
Turbidity (Nephelometric)	3.61		NTU	0.2	0.8	2/6/2018	6:49 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/19/2018	7:50 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	2/23/2018	11:03 AM	EPA 200.8

Laboratory ID	AD60599	Collection date and time	2/5/2018 11:50 AM
Location Code	HENDGR02	Sample Collector	MARYANN DUGAN
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	6.45		mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Pheophytin	3.83		mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	2/23/2018	11:03 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Barium	31.2		µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8

Laboratory ID	AD60599	Collection date and time	2/5/2018 11:50 AM
Location Code	HENDGR02	Sample Collector	MARYANN DUGAN
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Beryllium	2.50	U	µg/L	2.50	10.00	2/19/2018	7:50 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	2.1		mg/L	0.3	1.2	2/6/2018	10:31 AM	SM20 5210 B
Calcium by ICP	269		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Chloride	8090		mg/L	1.60	6.4	2/9/2018	12:44 PM	SM21 4500-Cl ⁻ D
Color	59.1		CU	1.6	6.4	2/6/2018	6:57 AM	SM21 2120 C
Chromium	7.13	V1 I	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Copper	48.7	V1	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.95		mg/L	0.1		2/5/2018	11:50 AM	FDEP FT1500
Enterococci	99		MPN/100mL	10		2/5/2018	3:24 PM	Enterolert®
Iron by ICP	0.050	I	mg/L	0.050	0.200	2/20/2018	8:06 AM	EPA 200.7
Magnesium by ICP	542		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
E.coli Enumeration	659		MPN/100mL	10		2/5/2018	3:24 PM	Colilert-18®
Manganese	26.1	V1	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	2/19/2018	7:50 AM	EPA 200.8
Ammonia	0.104		mg/L as N	0.014	0.056	2/8/2018	12:58 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/19/2018	7:50 AM	EPA 200.8
Nitrite	0.009	I	mg/L as N	0.003	0.012	2/7/2018	9:03 AM	EPA 353.2
Nitrate	0.073		mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrate + Nitrite	0.082		mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrogen, Organic	0.60		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN - NH3
Phosphorus, Ortho	0.030		mg/L as P	0.004	0.016	2/6/2018	2:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Antimony	10	U	µg/L	10	40	2/19/2018	7:50 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.7	S	meters	0.1		2/5/2018	11:50 AM	FDEP FT 1700
Selenium	44.3		µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Silica, dissolved as SiO2	6.4		mg/L as SiO2	0.1	0.4	2/6/2018	2:25 PM	SM4500 C
Total Hardness	2900		mg/L as CaCO3	2.50	10.0	2/20/2018	8:06 AM	SM21 2340 B
Nitrogen, Kjeldahl, Total	0.70		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Nitrogen, Total	0.78		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN + NOX
Phosphorus, Total	0.069		mg/L as P	0.006	0.024	2/7/2018	10:28 AM	EPA 365.1

Laboratory ID	AD60599	Collection date and time	2/5/2018 11:50 AM
Location Code	HENDGR02	Sample Collector	MARYANN DUGAN
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Suspended Solids	13.3		mg/L	0.6	2.4	2/6/2018	9:55 AM	SM21 2540 D
Turbidity (Nephelometric)	6.01		NTU	0.2	0.8	2/6/2018	6:49 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/19/2018	7:50 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	2/23/2018	11:03 AM	EPA 200.8

Laboratory ID	AD60600	Collection date and time	2/5/2018 10:50 AM
Location Code	MULLGR01	Sample Collector	MARYANN DUGAN
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	2.18		mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Pheophytin	2.04		mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	2/23/2018	11:03 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Barium	20.5		µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/19/2018	7:50 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.4		mg/L	0.3	1.2	2/6/2018	10:31 AM	SM20 5210 B
Calcium by ICP	324		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Chloride	11500		mg/L	16.00	64.0	2/9/2018	12:44 PM	SM21 4500-Cl ⁻ D
Color	33.9		CU	1.6	6.4	2/6/2018	6:57 AM	SM21 2120 C
Chromium	7.94	V1 I	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Copper	90.4		µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.93		mg/L	0.1		2/5/2018	10:50 AM	FDEP FT1500
Enterococci	42		MPN/100mL	10		2/5/2018	3:24 PM	Enterolert®
Iron by ICP	0.220		mg/L	0.050	0.200	2/20/2018	8:06 AM	EPA 200.7
Magnesium by ICP	838		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
E.coli Enumeration	222		MPN/100mL	10		2/5/2018	3:24 PM	Colilert-18®
Manganese	23.2	V1	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Molybdenum	6.51	I	µg/L	5.00	20.0	2/19/2018	7:50 AM	EPA 200.8
Ammonia	0.099		mg/L as N	0.014	0.056	2/8/2018	12:58 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/19/2018	7:50 AM	EPA 200.8

Laboratory ID	AD60600	Collection date and time	2/5/2018 10:50 AM
Location Code	MULLGR01	Sample Collector	MARYANN DUGAN
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrite	0.003	I	mg/L as N	0.003	0.012	2/7/2018	9:03 AM	EPA 353.2
Nitrate	0.023	I	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrate + Nitrite	0.026	I	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrogen, Organic	0.75		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN - NH3
Phosphorus, Ortho	0.019		mg/L as P	0.004	0.016	2/6/2018	2:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Antimony	10	U	µg/L	10	40	2/19/2018	7:50 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0	S	meters	0.1		2/5/2018	10:50 AM	FDEP FT 1700
Selenium	85.1		µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Silica, dissolved as SiO2	4.3		mg/L as SiO2	0.1	0.4	2/6/2018	2:25 PM	SM4500 C
Total Hardness	4260		mg/L as CaCO3	2.50	10.0	2/20/2018	8:06 AM	SM21 2340 B
Nitrogen, Kjeldahl, Total	0.85		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Nitrogen, Total	0.88		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN + NOX
Phosphorus, Total	0.046		mg/L as P	0.006	0.024	2/7/2018	10:28 AM	EPA 365.1
Total Suspended Solids	13.5		mg/L	0.6	2.4	2/6/2018	9:55 AM	SM21 2540 D
Turbidity (Nephelometric)	3.62		NTU	0.2	0.8	2/6/2018	6:49 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/19/2018	7:50 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	2/23/2018	11:03 AM	EPA 200.8

Laboratory ID	AD60601	Collection date and time	2/5/2018 10:15 AM
Location Code	MULLGR02	Sample Collector	MARYANN DUGAN
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	2.01		mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Pheophytin	1.42	I	mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	2/23/2018	11:03 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Barium	19.5	I	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/19/2018	7:50 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.4		mg/L	0.3	1.2	2/6/2018	10:31 AM	SM20 5210 B

Laboratory ID	AD60601	Collection date and time	2/5/2018 10:15 AM
Location Code	MULLGR02	Sample Collector	MARYANN DUGAN
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Calcium by ICP	291		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Chloride	10400		mg/L	16.00	64.0	2/10/2018	11:41 AM	SM21 4500-Cl ⁻ D
Color	34.4		CU	1.6	6.4	2/6/2018	6:57 AM	SM21 2120 C
Chromium	8.07	V1 I	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Copper	114		µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	6.22		mg/L	0.1		2/5/2018	10:15 AM	FDEP FT1500
Enterococci	63		MPN/100mL	10		2/5/2018	3:24 PM	Enterolert®
Iron by ICP	0.170	I	mg/L	0.050	0.200	2/20/2018	8:06 AM	EPA 200.7
Magnesium by ICP	708		mg/L	2.50	10.00	2/20/2018	8:06 AM	EPA 200.7
E.coli Enumeration	178		MPN/100mL	10		2/5/2018	3:24 PM	Colilert-18®
Manganese	24.4	V1	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Molybdenum	6.25	I	µg/L	5.00	20.0	2/19/2018	7:50 AM	EPA 200.8
Ammonia	0.125		mg/L as N	0.014	0.056	2/8/2018	12:58 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/19/2018	7:50 AM	EPA 200.8
Nitrite	0.004	I	mg/L as N	0.003	0.012	2/7/2018	9:03 AM	EPA 353.2
Nitrate	0.028	I	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrate + Nitrite	0.032	I	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrogen, Organic	0.51		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN - NH3
Phosphorus, Ortho	0.018		mg/L as P	0.004	0.016	2/6/2018	2:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/19/2018	7:50 AM	EPA 200.8
Antimony	10	U	µg/L	10	40	2/19/2018	7:50 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.75	S	meters	0.1		2/5/2018	10:15 AM	FDEP FT 1700
Selenium	61.6		µg/L	5.0	20	2/19/2018	7:50 AM	EPA 200.8
Silica, dissolved as SiO2	4.6		mg/L as SiO2	0.1	0.4	2/6/2018	2:25 PM	SM4500 C
Total Hardness	3640		mg/L as CaCO3	2.50	10.0	2/20/2018	8:06 AM	SM21 2340 B
Nitrogen, Kjeldahl, Total	0.63		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/19/2018	7:50 AM	EPA 200.8
Nitrogen, Total	0.66		mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN + NOX
Phosphorus, Total	0.046		mg/L as P	0.006	0.024	2/7/2018	10:28 AM	EPA 365.1
Total Suspended Solids	15.9		mg/L	0.6	2.4	2/6/2018	9:55 AM	SM21 2540 D
Turbidity (Nephelometric)	2.84		NTU	0.2	0.8	2/6/2018	6:49 AM	EPA 180.1

Laboratory ID	AD60601	Collection date and time	2/5/2018 10:15 AM
Location Code	MULLGR02	Sample Collector	MARYANN DUGAN
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Vanadium	10.0	U	µg/L	10.0	40.0	2/19/2018	7:50 AM	EPA 200.8
Zinc	1.40	V1 I	µg/L	1.0	4.0	2/23/2018	11:03 AM	EPA 200.8

Laboratory ID	AD60602	Collection date and time	2/5/2018 12:10 PM
Location Code	EBTEB	Sample Collector	MARYANN DUGAN
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	2/8/2018	8:11 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	2/8/2018	8:11 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	2/23/2018	11:03 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	2/19/2018	7:50 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	2/19/2018	7:50 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	2/19/2018	7:50 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U J99	mg/L	0.3	1.2	2/6/2018	10:31 AM	SM20 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	2/20/2018	8:06 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	2/19/2018	7:50 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	2/9/2018	12:44 PM	SM21 4500-Cl ⁻ D
Color	1.6	U	CU	1.6	6.4	2/6/2018	6:57 AM	SM21 2120 C
Chromium	1.07	I	µg/L	0.5	2.0	2/23/2018	11:03 AM	EPA 200.8
Copper	1.50	I	µg/L	0.5	2.0	2/23/2018	11:03 AM	EPA 200.8
Enterococci	2	U	MPN/100mL	2		2/5/2018	3:24 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	2/20/2018	8:06 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	2/20/2018	8:06 AM	EPA 200.7
E.coli Enumeration	2	U	MPN/100mL	2		2/5/2018	3:24 PM	Colilert-18®
Manganese	0.541	I	µg/L	0.5	2.0	2/23/2018	11:03 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	2/19/2018	7:50 AM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	2/8/2018	12:58 PM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	2/19/2018	7:50 AM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	2/7/2018	9:03 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	2/7/2018	9:03 AM	EPA 353.2

Laboratory ID AD60602
 Location Code EBTEB
 Sample Description Field Cleaned Equipment Blank

Collection date and time 2/5/2018 12:10 PM
 Sample Collector MARYANN DUGAN

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Organic	0.05	U	mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	2/6/2018	2:34 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	2/19/2018	7:50 AM	EPA 200.8
Antimony	1	U	µg/L	1	4	2/19/2018	7:50 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	2/19/2018	7:50 AM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	2/6/2018	2:25 PM	SM4500 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	2/20/2018	8:06 AM	SM21 2340 B
Nitrogen, Kjeldahl, Total	0.05	U	mg/L as N	0.05	0.2	2/7/2018	10:21 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	2/19/2018	7:50 AM	EPA 200.8
Nitrogen, Total	0.05	U	mg/L as N	0.05	0.2	2/7/2018	10:21 AM	TKN + NOX
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	2/7/2018	10:28 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	2/6/2018	9:55 AM	SM21 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	2/6/2018	6:49 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	2/19/2018	7:50 AM	EPA 200.8
Zinc	1.76	I	µg/L	1.0	4.0	2/23/2018	11:03 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).
- 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.
- U J99 Indicates that the compound was analyzed for but not detected. Seeded BOD samples did not exhibit DO drop of at least 2 mg/L.
- 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 < or = to the PQL.

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

LCEL

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

Analysis Request

&

Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049

LCEL_F_COC_20150828R1

Page 1 of 1

Report/Result Information		Billing/Invoice Information		Matrix Codes:		Preservative Codes:				
Name: FDEP - South	Name: DNRM	Matrix Codes:		Preservative Codes:						
ATTN: Kirby Wolfe	RE: EB Tribb	DW-Drinking water		NP-No Preservative						
Address: 2295 Victoria Ave, Suite 364	Address: 1500 Monroe St	GW- Ground water		N-Nitric Acid						
PO Box 2549		WW-Waste water		S-Sulfuric Acid						
Ft Myers FL 33901-2549	Ft Myers, FL 33901	SW-Surface water		H-Hydrochloric Acid						
Phone:	Phone:	WWS-Wastewater Sludge		SH-Sodium Hydroxide						
(239) 470-0873	(239) 533-8109	S-Sediment		ST-Sodium Thiosulfate						
		O-Other		O-Other						
Sample Collector(s) (please print):		Sample Collector Signature:		Analyses Required						
MARVANN DULAN, KELSEY LANOZ				\$Chloroa, _prep	O-PO4, Color, NOx	NH3, TKN, TN, NO3, ONIT	Turb, CLP, NO2, TSS, T-PO4, Silica, Bod, Bodi	Mug?QT, Entero	#WSMetals, THardC	
Relinquished By: (signature)		Date	Time							Received By: (signature)
Relinquished By: (signature)		Date	Time							Received By: (signature)
Relinquished By: (signature)		Date	Time	Received By: (signature)						
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 1.7				NP	NPF	S	NP	ST	N	
Collection	Sample Description & Location	Matrix	# of Sample Containers Submitted						Lab ID #	
Date Time		(see codes)								
02/05/18 1235	HendGr01 pH=7.49 SpCond (mS/cm) = 33,611	SW	1	1	1	2	1	1	AD60598	
02/05/18 1150	HendGr02 pH=7.39 SpCond (mS/cm) = 24,625	SW	1	1	1	2	1	1	AD60599	
02/05/18 1050	MullGr01 pH=7.42 SpCond (mS/cm) = 32,520	SW	1	1	1	2	1	1	AD60600	
02/05/18 1015	MullGr02 pH=7.25 SpCond (mS/cm) = 30,062	SW	1	1	1	2	1	1	AD60601	
02/05/18 1210	EBTeb pH=6.8 SpCond (mS/cm) = 8	FB	1	1	1	2	1	1	AD60602	

SAMPLES SHOULD BE IN WET ICE & LESS THAN 6° C (42.8°F)
OR THEY MAYBE QUALIFIED*

*Qualified = the data may not be accurate and regulatory agencies may not accept qualified data.