

Laboratory Results

Lee County Environmental Laboratory

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Report Date: 4/23/2021

Below are the results of samples submitted to this laboratory on: 3/29/2021

Laboratory ID	AE81799	Collection date and time	3/29/2021 11:25 AM
Location Code	HENDGR01	Sample Collector	BARRINGTON/WOLFE
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	2.89		mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Pheophytin	2.34		mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Aluminum	56.2		µg/L	5.0	20.0	4/21/2021	12:00 PM	EPA 200.8
Arsenic	2.40		µg/L	0.5	2	4/21/2021	12:00 PM	EPA 200.8
Barium	29.4		µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	4/21/2021	12:00 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.2	I	mg/L	0.3	1.2	3/30/2021	11:28 AM	SM 5210 B
Calcium by ICP	339		mg/L	2.50	10.00	4/21/2021	9:18 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	4/21/2021	12:00 PM	EPA 200.8
Chloride	13500		mg/L	16.00	64.0	4/5/2021	11:42 AM	SM 4500-Cl ⁻ D
Color	55.3		CU	1.6	6.4	3/30/2021	1:54 PM	SM21 2120 C
Chromium	2.05		µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Copper	1.14	I	µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.71		mg/L			3/29/2021	11:25 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		3/29/2021	2:51 PM	Enterolert®
Iron by ICP	0.090	I	mg/L	0.050	0.200	4/21/2021	9:18 AM	EPA 200.7
Magnesium by ICP	884		mg/L	2.50	10.00	4/21/2021	9:18 AM	EPA 200.7
Manganese	16.4		µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Molybdenum	6.79		µg/L	0.50	2.0	4/21/2021	12:00 PM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	4/2/2021	9:24 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	4/21/2021	12:00 PM	EPA 200.8
Nitrite	0.004	I	mg/L as N	0.003	0.012	3/30/2021	9:42 AM	EPA 353.2
Nitrate	0.038	I	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AE81799	Collection date and time	3/29/2021 11:25 AM
Location Code	HENDGR01	Sample Collector	BARRINGTON/WOLFE
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrate + Nitrite	0.042		mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrogen, Organic	0.66		mg/L as N	0.05	0.2	3/31/2021	8:45 AM	TKN - NH3
Phosphorus, Ortho	0.013	I	mg/L as P	0.004	0.016	3/30/2021	1:23 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Salinity by meter by Client	26.01		SU			3/29/2021	11:25 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	4/21/2021	12:00 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters			3/29/2021	11:25 AM	FDEP FT 1700
Selenium	46.9		µg/L	0.5	2	4/21/2021	12:00 PM	EPA 200.8
Silica, dissolved as SiO2	6.5		mg/L as SiO2	0.1	0.4	3/30/2021	1:23 PM	SM4500-SiO2 C
Total Hardness	4490		mg/L as CaCO3	2.50	10.0	4/21/2021	9:18 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.66		mg/L as N	0.05	0.2	3/31/2021	8:45 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	4/21/2021	12:00 PM	EPA 200.8
Nitrogen, Total	0.70		mg/L as N	0.05	0.2	3/31/2021	8:45 AM	TKN + NOX
Total Organic Carbon	12		mg/L	1	4	4/12/2021	12:55 PM	SM 5310 B
Phosphorus, Total	0.048		mg/L as P	0.006	0.024	3/31/2021	8:47 AM	EPA 365.1
Total Suspended Solids	14.4		mg/L	0.6	2.4	3/30/2021	9:19 AM	SM 2540 D
Turbidity (Nephelometric)	4.35		NTU	0.2	0.8	3/30/2021	8:59 AM	EPA 180.1
Vanadium	3.07	I	µg/L	1.0	4.0	4/21/2021	12:00 PM	EPA 200.8
Zinc	1.86	I	µg/L	1.0	4.0	4/21/2021	12:00 PM	EPA 200.8

Laboratory ID	AE81800	Collection date and time	3/29/2021 11:45 AM
Location Code	HENDGR02	Sample Collector	BARRINGTON/WOLFE
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	7.62		mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Pheophytin	1.83	I	mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Aluminum	39.8		µg/L	5.0	20.0	4/21/2021	12:00 PM	EPA 200.8
Arsenic	2.90		µg/L	0.5	2	4/21/2021	12:00 PM	EPA 200.8
Barium	39.8		µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	4/21/2021	12:00 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	3/30/2021	11:28 AM	SM 5210 B
Calcium by ICP	312		mg/L	2.50	10.00	4/21/2021	9:18 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	4/21/2021	12:00 PM	EPA 200.8
Chloride	10200		mg/L	16.00	64.0	4/5/2021	11:42 AM	SM 4500-Cl ⁻ D
Color	67.9		CU	1.6	6.4	3/30/2021	1:54 PM	SM21 2120 C

Report Format: NELAC

DOH #E45049



Laboratory ID	AE81800	Collection date and time	3/29/2021 11:45 AM
Location Code	HENDGR02	Sample Collector	BARRINGTON/WOLFE
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chromium	1.56	I	µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Copper	1.22	I	µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.65		mg/L			3/29/2021	11:45 AM	FDEP FT1500
Enterococci	75		MPN/100mL	10		3/29/2021	2:51 PM	Enterolert®
Iron by ICP	0.060	I	mg/L	0.050	0.200	4/21/2021	9:18 AM	EPA 200.7
Magnesium by ICP	732		mg/L	2.50	10.00	4/21/2021	9:18 AM	EPA 200.7
Manganese	25.9		µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Molybdenum	5.06		µg/L	0.50	2.0	4/21/2021	12:00 PM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	4/2/2021	9:24 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	4/21/2021	12:00 PM	EPA 200.8
Nitrite	0.003	I	mg/L as N	0.003	0.012	3/30/2021	9:42 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrogen, Organic	0.97		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	TKN - NH3
Phosphorus, Ortho	0.018		mg/L as P	0.004	0.016	3/30/2021	1:23 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	4/21/2021	12:00 PM	EPA 200.8
Salinity by meter by Client	21.11		SU			3/29/2021	11:45 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	4/21/2021	12:00 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters			3/29/2021	11:45 AM	FDEP FT 1700
Selenium	24.6		µg/L	0.5	2	4/21/2021	12:00 PM	EPA 200.8
Silica, dissolved as SiO2	7.1		mg/L as SiO2	0.1	0.4	3/30/2021	1:23 PM	SM4500-SiO2 C
Total Hardness	3790		mg/L as CaCO3	2.50	10.0	4/21/2021	9:18 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.97		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	4/21/2021	12:00 PM	EPA 200.8
Nitrogen, Total	0.97		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	TKN + NOX
Total Organic Carbon	14		mg/L	1	4	4/12/2021	12:55 PM	SM 5310 B
Phosphorus, Total	0.058		mg/L as P	0.006	0.024	4/6/2021	8:49 AM	EPA 365.1
Total Suspended Solids	5.15		mg/L	0.6	2.4	3/30/2021	9:19 AM	SM 2540 D
Turbidity (Nephelometric)	1.98		NTU	0.2	0.8	3/30/2021	8:59 AM	EPA 180.1
Vanadium	3.32	I	µg/L	1.0	4.0	4/21/2021	12:00 PM	EPA 200.8
Zinc	1.99	I	µg/L	1.0	4.0	4/21/2021	12:00 PM	EPA 200.8



Laboratory ID	AE81801	Collection date and time	3/29/2021 10:55 AM
Location Code	MULLGR01	Sample Collector	BARRINGTON/WOLFE
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	2.66		mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Pheophytin	3.64		mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Aluminum	147	I	µg/L	50.0	200.0	4/21/2021	12:00 PM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	4/21/2021	12:00 PM	EPA 200.8
Barium	23.6		µg/L	5.0	20.0	4/21/2021	12:00 PM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	4/21/2021	12:00 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	3/30/2021	11:28 AM	SM 5210 B
Calcium by ICP	320		mg/L	2.50	10.00	4/21/2021	9:18 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	4/21/2021	12:00 PM	EPA 200.8
Chloride	12300		mg/L	16.00	64.0	4/5/2021	11:42 AM	SM 4500-Cl ⁻ D
Color	34.8		CU	1.6	6.4	3/30/2021	1:54 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	4/21/2021	12:00 PM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	4/21/2021	12:00 PM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.59		mg/L			3/29/2021	10:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		3/29/2021	2:51 PM	Enterolert®
Iron by ICP	0.210		mg/L	0.050	0.200	4/21/2021	9:18 AM	EPA 200.7
Magnesium by ICP	879		mg/L	2.50	10.00	4/21/2021	9:18 AM	EPA 200.7
Manganese	17.8	I	µg/L	5.0	20.0	4/21/2021	12:00 PM	EPA 200.8
Molybdenum	10.7	I	µg/L	5.00	20.0	4/21/2021	12:00 PM	EPA 200.8
Ammonia	0.021	I	mg/L as N	0.014	0.056	4/2/2021	9:24 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	4/21/2021	12:00 PM	EPA 200.8
Nitrite	0.004	I	mg/L as N	0.003	0.012	3/30/2021	9:42 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrogen, Organic	0.72		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	TKN - NH3
Phosphorus, Ortho	0.007	I	mg/L as P	0.004	0.016	3/30/2021	1:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	4/21/2021	12:00 PM	EPA 200.8
Salinity by meter by Client	24.17		SU			3/29/2021	10:55 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	4/21/2021	12:00 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9		meters			3/29/2021	10:55 AM	FDEP FT 1700
Selenium	46.8		µg/L	5.0	20	4/21/2021	12:00 PM	EPA 200.8
Silica, dissolved as SiO2	5.2		mg/L as SiO2	0.1	0.4	3/30/2021	1:23 PM	SM4500-SiO2 C
Total Hardness	4420		mg/L as CaCO3	2.50	10.0	4/21/2021	9:18 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.74		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	4/21/2021	12:00 PM	EPA 200.8
Nitrogen, Total	0.74		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	TKN + NOX



Laboratory ID	AE81801	Collection date and time	3/29/2021 10:55 AM
Location Code	MULLGR01	Sample Collector	BARRINGTON/WOLFE
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Organic Carbon	9.1		mg/L	1	4	4/12/2021	12:55 PM	SM 5310 B
Phosphorus, Total	0.054		mg/L as P	0.006	0.024	4/6/2021	8:49 AM	EPA 365.1
Total Suspended Solids	19.2		mg/L	0.6	2.4	3/30/2021	9:19 AM	SM 2540 D
Turbidity (Nephelometric)	7.68		NTU	0.2	0.8	3/30/2021	8:59 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	4/21/2021	12:00 PM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	4/21/2021	12:00 PM	EPA 200.8

Laboratory ID	AE81802	Collection date and time	3/29/2021 9:20 AM
Location Code	MULLGR02	Sample Collector	BARRINGTON/WOLFE
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	2.56		mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Pheophytin	1.49	I	mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Aluminum	45.3		µg/L	5.0	20.0	4/21/2021	9:27 AM	EPA 200.8
Arsenic	2.90		µg/L	0.5	2	4/21/2021	9:27 AM	EPA 200.8
Barium	23.4		µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	4/21/2021	9:27 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.2	I	mg/L	0.3	1.2	3/30/2021	11:28 AM	SM 5210 B
Calcium by ICP	313		mg/L	2.50	10.00	4/21/2021	1:05 PM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	4/21/2021	9:27 AM	EPA 200.8
Chloride	11100		mg/L	16.00	64.0	4/5/2021	11:42 AM	SM 4500-Cl ⁻ D
Color	33.4		CU	1.6	6.4	3/30/2021	1:54 PM	SM21 2120 C
Chromium	4.06		µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Copper	1.04	I	µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.50		mg/L			3/29/2021	9:20 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		3/29/2021	2:51 PM	Enterolert®
Iron by ICP	0.150	I	mg/L	0.050	0.200	4/21/2021	1:05 PM	EPA 200.7
Magnesium by ICP	814		mg/L	2.50	10.00	4/21/2021	1:05 PM	EPA 200.7
Manganese	16.3		µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Molybdenum	9.89		µg/L	0.50	2.0	4/21/2021	9:27 AM	EPA 200.8
Ammonia	0.020	I	mg/L as N	0.014	0.056	4/2/2021	9:24 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	4/21/2021	9:27 AM	EPA 200.8
Nitrite	0.003	I	mg/L as N	0.003	0.012	3/30/2021	9:42 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AE81802	Collection date and time	3/29/2021 9:20 AM
Location Code	MULLGR02	Sample Collector	BARRINGTON/WOLFE
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Organic	0.71		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	TKN - NH3
Phosphorus, Ortho	0.008	I	mg/L as P	0.004	0.016	3/30/2021	1:23 PM	EPA 365.1
Lead	0.718	I	µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Salinity by meter by Client	22.24		SU			3/29/2021	9:20 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	4/21/2021	9:27 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters			3/29/2021	9:20 AM	FDEP FT 1700
Selenium	66.0		µg/L	0.5	2	4/21/2021	9:27 AM	EPA 200.8
Silica, dissolved as SiO2	5.0		mg/L as SiO2	0.1	0.4	3/30/2021	1:23 PM	SM4500-SiO2 C
Total Hardness	4130		mg/L as CaCO3	2.50	10.0	4/21/2021	1:05 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.73		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	EPA 351.2
Thallium	0.320	I	µg/L	0.3	1.2	4/21/2021	9:27 AM	EPA 200.8
Nitrogen, Total	0.73		mg/L as N	0.05	0.2	4/7/2021	8:47 AM	TKN + NOX
Total Organic Carbon	9.6		mg/L	1	4	4/12/2021	12:55 PM	SM 5310 B
Phosphorus, Total	0.038		mg/L as P	0.006	0.024	4/6/2021	8:49 AM	EPA 365.1
Total Suspended Solids	6.50		mg/L	0.6	2.4	3/30/2021	9:19 AM	SM 2540 D
Turbidity (Nephelometric)	4.59		NTU	0.2	0.8	3/30/2021	8:59 AM	EPA 180.1
Vanadium	3.95	I	µg/L	1.0	4.0	4/21/2021	9:27 AM	EPA 200.8
Zinc	2.61	I	µg/L	1.0	4.0	4/21/2021	9:27 AM	EPA 200.8

Laboratory ID	AE81803	Collection date and time	3/29/2021 11:55 AM
Location Code	EBTEB	Sample Collector	BARRINGTON/WOLFE
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	4/5/2021	6:45 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	4/5/2021	6:45 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	4/21/2021	9:27 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	4/21/2021	9:27 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	4/21/2021	9:27 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	3/30/2021	11:28 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	4/21/2021	1:05 PM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	4/21/2021	9:27 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	4/5/2021	11:42 AM	SM 4500-Cl ⁻ D
Color	1.6	U	CU	1.6	6.4	3/30/2021	1:54 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AE81803	Collection date and time	3/29/2021 11:55 AM
Location Code	EBTEB	Sample Collector	BARRINGTON/WOLFE
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Copper	0.5	U	µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Enterococci	10	U	MPN/100mL	10		3/29/2021	2:51 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	4/21/2021	1:05 PM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	4/21/2021	1:05 PM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	4/21/2021	9:27 AM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	4/2/2021	9:24 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	4/21/2021	9:27 AM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	3/30/2021	9:42 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	3/30/2021	9:42 AM	EPA 353.2
Nitrogen, Organic	0.05	U	mg/L as N	0.05	0.2	3/31/2021	8:45 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	3/30/2021	1:23 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	4/21/2021	9:27 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	4/21/2021	9:27 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	4/21/2021	9:27 AM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	3/30/2021	1:23 PM	SM4500-SiO2 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	4/21/2021	1:05 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.05	U	mg/L as N	0.05	0.2	3/31/2021	8:45 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	4/21/2021	9:27 AM	EPA 200.8
Nitrogen, Total	0.05	U	mg/L as N	0.05	0.2	3/31/2021	8:45 AM	TKN + NOX
Total Organic Carbon	1.000	U	mg/L	1	4	4/20/2021	7:59 AM	SM 5310 B
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	3/31/2021	8:47 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	3/30/2021	9:19 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	3/30/2021	8:59 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	4/21/2021	9:27 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	4/21/2021	9:27 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).
U Indicates that the compound was analyzed for but not detected.

Unless noted otherwise, these test results meet all the requirements of the 2016 NELAC/ TNI 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.


J. Ramos, Chemist



LCEL

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

Analysis Request & Chain of Custody Record

Lab Certification: E45049
LCEL F COC 20150828R1

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information		Billing/Invoice Information		Page 1 of 1							
Name: FDEP - South ATTN: Kirby Wolfe		Name: DNRM RE: EB Tribb		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				
Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901-2549		Address: 1500 Monroe St Ft Myers, FL 33901									
Phone: (239) 470-0873		Phone: (239) 533-8109									
Sample Collector(s) (please print): John Barrington/Kirby Wolfe		Sample Collector Signature:		Analyses Required							
Relinquished By: (signature)	Date	Time	Received By: (signature)								
Relinquished By: (signature)	Date	Time	Received By: (signature)	\$Chloroa, _prep	O-PO4, Color, NOx	NH3, TKN, TN, NO3, ONIT, TOC	Turb, Clp, NO2, TSS, T-PO4, Silica, Bod, Bodi	Mug2QT, Entero	#WSMetals, THardC		
Relinquished By: (signature)	Date	Time	Received By: (signature)								
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 6.8°C				NP	NPF	S	NP	ST	N		
Collection Date Time		Sample Description & Location		Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
3/29/21	1125	HendGr01 pH= 7.45 SpCond (mS/cm) = 40758		SW	1	1	1	2	1	1	AE81799
	1145	HendGr02 pH= 7.37 SpCond (mS/cm) = 33634		SW	1	1	1	2	1	1	AE81800
	1055	MullGr01 pH= 7.49 SpCond (mS/cm) = 38014		SW	1	1	1	2	1	1	AE81801
	0920	MullGr02 pH= 7.44 SpCond (mS/cm) = 35391		SW	1	1	1	2	1	1	AE81802
		EBTeb pH= 9.21 SpCond (mS/cm) = 2.7		FB	1	1	1	2	1	1	AE81803

**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.