

Laboratory Results

Lee County Environmental Laboratory

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Report Date: 11/24/2021

Below are the results of samples submitted to this laboratory on 11/9/2021

Laboratory ID	AF04706	Collection date and time	11/9/2021 11:45 AM
Location Code	HENDGR01	Sample Collector	BARRINGTON/SNOREK
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	7.11		mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Pheophytin	1.47	I	mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Aluminum	18.8	I	µg/L	5.0	20.0	11/17/2021	1:20 PM	EPA 200.8
Arsenic	1.45	I	µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Barium	15.0		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/17/2021	1:20 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	11/10/2021	11:10 AM	SM 5210 B
Calcium by ICP	94.6		mg/L	0.25	1.00	11/17/2021	9:15 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Chloride	2180		mg/L	1.60	6.4	11/9/2021	3:36 PM	SM 4500-Cl ⁻ D
Color	72.9		CU	1.25	5.00	11/10/2021	10:12 AM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Copper	0.690	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.73		mg/L			11/17/2021	11:45 AM	FDEP FT1500
Enterococci	53		MPN/100mL	10		11/9/2021	2:53 PM	Enterolert®
Iron by ICP	0.056		mg/L	0.005	0.020	11/17/2021	9:15 AM	EPA 200.7
Magnesium by ICP	143		mg/L	0.25	1.00	11/17/2021	9:15 AM	EPA 200.7
Manganese	7.94		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Molybdenum	2.95		µg/L	0.50	2.0	11/17/2021	1:20 PM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	11/12/2021	12:41 PM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/17/2021	1:20 PM	EPA 200.8
Nitrite	0.007	I	mg/L as N	0.003	0.012	11/10/2021	11:57 AM	EPA 353.2
Nitrate	0.024	I	mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF04706	Collection date and time	11/9/2021 11:45 AM
Location Code	HENDGR01	Sample Collector	BARRINGTON/SNOREK
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrate + Nitrite	0.031	I	mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrogen, Organic	0.80		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN - NH3
Phosphorus, Ortho	0.015	I	mg/L as P	0.005	0.020	11/10/2021	11:07 AM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Salinity by meter by Client	0.88		SU			11/17/2021	11:45 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.6	S	meters			11/17/2021	11:45 AM	FDEP FT 1700
Selenium	19.7		µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Silica, dissolved as SiO2	7.5		mg/L as SiO2	0.1	0.4	11/10/2021	10:16 AM	SM4500-SiO2 C
Total Hardness	823		mg/L as CaCO3	0.25	1.0	11/17/2021	9:15 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.80		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Nitrogen, Total	0.83		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN + NOX
Total Organic Carbon (NPOC)	14		mg/L	1	4	11/18/2021	4:13 PM	SM 5310 B
Phosphorus, Total	0.046		mg/L as P	0.006	0.024	11/18/2021	8:58 AM	EPA 365.1
Total Suspended Solids	3.55		mg/L	0.6	2.4	11/10/2021	9:48 AM	SM 2540 D
Turbidity (Nephelometric)	2.45		NTU	0.2	0.8	11/10/2021	6:26 AM	EPA 180.1
Vanadium	1.71	I	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8

Laboratory ID	AF04707	Collection date and time	11/9/2021 11:25 AM
Location Code	HENDGR02	Sample Collector	BARRINGTON/SNOREK
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	6.49		mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Pheophytin	5.50		mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Aluminum	22.5		µg/L	5.0	20.0	11/17/2021	1:20 PM	EPA 200.8
Arsenic	1.78	I	µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Barium	19.6		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/17/2021	1:20 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.4		mg/L	0.3	1.2	11/10/2021	11:10 AM	SM 5210 B
Calcium by ICP	70.3		mg/L	2.50	10.00	11/17/2021	9:15 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Chloride	404		mg/L	1.60	6.4	11/9/2021	3:36 PM	SM 4500-Cl ⁻ D
Color	42.5		CU	1.25	5.00	11/10/2021	10:12 AM	SM21 2120 C

Report Format: NELAC

DOH #E45049



Laboratory ID	AF04707	Collection date and time	11/9/2021 11:25 AM
Location Code	HENDGR02	Sample Collector	BARRINGTON/SNOREK
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chromium	0.884	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Copper	1.01	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.92		mg/L			11/17/2021	11:25 AM	FDEP FT1500
Enterococci	150		MPN/100mL	10		11/9/2021	2:53 PM	Enterolert®
Iron by ICP	0.090	I	mg/L	0.050	0.200	11/17/2021	9:15 AM	EPA 200.7
Magnesium by ICP	29.9		mg/L	2.50	10.00	11/17/2021	9:15 AM	EPA 200.7
Manganese	10.4		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Molybdenum	2.72		µg/L	0.50	2.0	11/17/2021	1:20 PM	EPA 200.8
Ammonia	0.068		mg/L as N	0.014	0.056	11/12/2021	12:41 PM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/17/2021	1:20 PM	EPA 200.8
Nitrite	0.009	I	mg/L as N	0.003	0.012	11/10/2021	11:57 AM	EPA 353.2
Nitrate	0.094		mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrate + Nitrite	0.103		mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrogen, Organic	0.81		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN - NH3
Phosphorus, Ortho	0.007	I	mg/L as P	0.005	0.020	11/10/2021	11:07 AM	EPA 365.1
Lead	1.86	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Salinity by meter by Client	4.54		SU			11/17/2021	11:25 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.5	S	meters			11/17/2021	11:25 AM	FDEP FT 1700
Selenium	3.05		µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Silica, dissolved as SiO2	7.9		mg/L as SiO2	0.1	0.4	11/10/2021	10:16 AM	SM4500-SiO2 C
Total Hardness	298		mg/L as CaCO3	2.50	10.0	11/17/2021	9:15 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.88		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Nitrogen, Total	0.98		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN + NOX
Total Organic Carbon (NPOC)	10		mg/L	1	4	11/18/2021	4:13 PM	SM 5310 B
Phosphorus, Total	0.055		mg/L as P	0.006	0.024	11/18/2021	8:58 AM	EPA 365.1
Total Suspended Solids	4.80		mg/L	0.6	2.4	11/10/2021	9:48 AM	SM 2540 D
Turbidity (Nephelometric)	3.44		NTU	0.2	0.8	11/10/2021	6:26 AM	EPA 180.1
Vanadium	1.82	I	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Zinc	1.74	I	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8



Laboratory ID	AF04708	Collection date and time	11/9/2021 10:40 AM
Location Code	MULLGR01	Sample Collector	BARRINGTON/SNOREK
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	1.28	I	mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Pheophytin	3.77		mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Aluminum	26.1		µg/L	5.0	20.0	11/17/2021	1:20 PM	EPA 200.8
Arsenic	1.38	I	µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Barium	18.6		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/17/2021	1:20 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.7	I	mg/L	0.3	1.2	11/10/2021	11:10 AM	SM 5210 B
Calcium by ICP	89.8		mg/L	2.50	10.00	11/17/2021	9:15 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Chloride	988		mg/L	1.60	6.4	11/9/2021	3:36 PM	SM 4500-Cl ⁻ D
Color	57.3		CU	1.25	5.00	11/10/2021	10:12 AM	SM21 2120 C
Chromium	0.972	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Copper	1.21	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	6.54		mg/L			11/17/2021	10:40 AM	FDEP FT1500
Enterococci	64		MPN/100mL	10		11/9/2021	2:53 PM	Enterolert®
Iron by ICP	0.310		mg/L	0.050	0.200	11/17/2021	9:15 AM	EPA 200.7
Magnesium by ICP	62.9		mg/L	2.50	10.00	11/17/2021	9:15 AM	EPA 200.7
Manganese	8.23		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Molybdenum	4.57		µg/L	0.50	2.0	11/17/2021	1:20 PM	EPA 200.8
Ammonia	0.064		mg/L as N	0.014	0.056	11/12/2021	12:41 PM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/17/2021	1:20 PM	EPA 200.8
Nitrite	0.009	I	mg/L as N	0.003	0.012	11/10/2021	11:57 AM	EPA 353.2
Nitrate	0.099		mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrate + Nitrite	0.108		mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrogen, Organic	0.64		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN - NH3
Phosphorus, Ortho	0.011	I	mg/L as P	0.005	0.020	11/10/2021	11:07 AM	EPA 365.1
Lead	0.815	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Salinity by meter by Client	1.95		SU			11/17/2021	10:40 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.4	S	meters			11/17/2021	10:40 AM	FDEP FT 1700
Selenium	8.70		µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Silica, dissolved as SiO2	7.0		mg/L as SiO2	0.1	0.4	11/10/2021	10:16 AM	SM4500-SiO2 C
Total Hardness	483		mg/L as CaCO3	2.50	10.0	11/17/2021	9:15 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.70		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Nitrogen, Total	0.81		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN + NOX



Laboratory ID	AF04708	Collection date and time	11/9/2021 10:40 AM
Location Code	MULLGR01	Sample Collector	BARRINGTON/SNOREK
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Organic Carbon (NPOC)	15		mg/L	1	4	11/18/2021	4:13 PM	SM 5310 B
Phosphorus, Total	0.036		mg/L as P	0.006	0.024	11/18/2021	8:58 AM	EPA 365.1
Total Suspended Solids	5.05		mg/L	0.6	2.4	11/10/2021	9:48 AM	SM 2540 D
Turbidity (Nephelometric)	4.56		NTU	0.2	0.8	11/10/2021	6:26 AM	EPA 180.1
Vanadium	2.06	I	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Zinc	1.20	I	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8

Laboratory ID	AF04709	Collection date and time	11/9/2021 10:15 AM
Location Code	MULLGR02	Sample Collector	BARRINGTON/SNOREK
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	3.00		mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Pheophytin	2.34		mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Aluminum	30.0		µg/L	5.0	20.0	11/17/2021	1:20 PM	EPA 200.8
Arsenic	1.50	I	µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Barium	19.5		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/17/2021	1:20 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	11/10/2021	11:10 AM	SM 5210 B
Calcium by ICP	86.0		mg/L	2.50	10.00	11/17/2021	9:15 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Chloride	882		mg/L	1.60	6.4	11/9/2021	3:36 PM	SM 4500-Cl ⁻ D
Color	53.7		CU	1.25	5.00	11/10/2021	10:12 AM	SM21 2120 C
Chromium	0.868	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Copper	1.04	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	6.74		mg/L			11/17/2021	10:15 AM	FDEP FT1500
Enterococci	42		MPN/100mL	10		11/9/2021	2:53 PM	Enterolert®
Iron by ICP	0.300		mg/L	0.050	0.200	11/17/2021	9:15 AM	EPA 200.7
Magnesium by ICP	56.5		mg/L	2.50	10.00	11/17/2021	9:15 AM	EPA 200.7
Manganese	8.75		µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Molybdenum	4.08		µg/L	0.50	2.0	11/17/2021	1:20 PM	EPA 200.8
Ammonia	0.071		mg/L as N	0.014	0.056	11/12/2021	12:41 PM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/17/2021	1:20 PM	EPA 200.8
Nitrite	0.009	I	mg/L as N	0.003	0.012	11/10/2021	11:57 AM	EPA 353.2
Nitrate	0.094		mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrate + Nitrite	0.103		mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF04709	Collection date and time	11/9/2021 10:15 AM
Location Code	MULLGR02	Sample Collector	BARRINGTON/SNOREK
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Organic	0.66		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN - NH3
Phosphorus, Ortho	0.012	I	mg/L as P	0.005	0.020	11/10/2021	11:07 AM	EPA 365.1
Lead	0.798	I	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Salinity by meter by Client	1.69		SU			11/17/2021	10:15 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1	S	meters			11/17/2021	10:15 AM	FDEP FT 1700
Selenium	10.5		µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Silica, dissolved as SiO2	6.9		mg/L as SiO2	0.1	0.4	11/10/2021	10:16 AM	SM4500-SiO2 C
Total Hardness	447		mg/L as CaCO3	2.50	10.0	11/17/2021	9:15 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.73		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Nitrogen, Total	0.83		mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN + NOX
Total Organic Carbon (NPOC)	14		mg/L	1	4	11/18/2021	4:13 PM	SM 5310 B
Phosphorus, Total	0.037		mg/L as P	0.006	0.024	11/18/2021	8:58 AM	EPA 365.1
Total Suspended Solids	4.35		mg/L	0.6	2.4	11/10/2021	9:48 AM	SM 2540 D
Turbidity (Nephelometric)	3.67		NTU	0.2	0.8	11/10/2021	6:26 AM	EPA 180.1
Vanadium	2.22	I	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Zinc	1.89	I	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8

Laboratory ID	AF04710	Collection date and time	11/9/2021 11:50 AM
Location Code	EBTEB	Sample Collector	BARRINGTON/SNOREK
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	11/10/2021	8:07 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	11/10/2021	8:07 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	11/17/2021	1:20 PM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/17/2021	1:20 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	11/10/2021	11:10 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	11/17/2021	9:15 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	11/9/2021	3:36 PM	SM 4500-Cl ⁻ D
Color	1.25	U	CU	1.25	5.00	11/10/2021	10:12 AM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF04710	Collection date and time	11/9/2021 11:50 AM
Location Code	EBTEB	Sample Collector	BARRINGTON/SNOREK
Sample Description	Field Cleaned Equipment Blank		

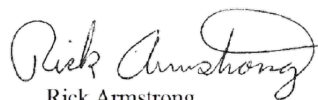
Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Copper	0.5	U	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Enterococci	1	U	MPN/100mL	1		11/9/2021	2:53 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	11/17/2021	9:15 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	11/17/2021	9:15 AM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	11/17/2021	1:20 PM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	11/12/2021	12:41 PM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/17/2021	1:20 PM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	11/10/2021	11:57 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	11/10/2021	11:57 AM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN - NH3
Phosphorus, Ortho	0.005	U	mg/L as P	0.005	0.020	11/10/2021	11:07 AM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	11/17/2021	1:20 PM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	11/17/2021	1:20 PM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	11/10/2021	10:16 AM	SM4500-SiO2 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	11/17/2021	9:15 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	11/18/2021	8:56 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/17/2021	1:20 PM	EPA 200.8
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	11/18/2021	8:56 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	11/18/2021	4:13 PM	SM 5310 B
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	11/18/2021	8:58 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	11/10/2021	9:48 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	11/10/2021	6:26 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	11/17/2021	1:20 PM	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.

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.



Rick Armstrong
Lab Manager
Lee County Environmental Lab



LCEL

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

Analysis Request

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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

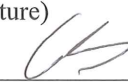
Billing/Invoice Information

Name: FDEP - South	Name: DNRM	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
Distrib List: FDEP-South	RE: EB Tribb		
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 11/9/21	Time 0247	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)	
Relinquished By: (signature)	Date	Time	Received By: (signature)	

Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 2.7

Preservatives (see codes)

NP NPF S NP ST N

Collection Date Time		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
11/9/21	1145	HendGr01 pH= 7.58 SpCond (mS/cm) = 1723	SW	1	1	2	2	1	1	AF04706
11/9/21	1125	HendGr02 pH= 7.54 SpCond (mS/cm) = 8075	SW	1	1	2	2	1	1	AF04707
11/9/21	1040	MullGr01 pH= 7.50 SpCond (mS/cm) = 3691	SW	1	1	2	2	1	1	AF04708
11/9/21	1015	MullGr02 pH= 7.36 SpCond (mS/cm) = 3275	SW	1	1	2	2	1	1	AF04709
11/9/21	1150	EBTeb pH= — SpCond (mS/cm) = —	FB	1	1	2	2	1	1	AF04710

**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.