

Laboratory Results

Lee County Environmental Laboratory

60-2 Danley Drive
Fort Myers, FL 33907
239-533-8600



To: ATTN: Kirby Wolfe
FDEP - South
2295 Victoria Ave Ste 364
Fort Myers FL 33901
(239) 344-5719

Report Date: 9/12/2022

Below are the results of samples submitted to this laboratory on 8/29/2022

Laboratory ID	AF33574	Collection date and time	8/29/2022 10:45 AM
Location Code	HENDGR01	Sample Collector	JAEGER/ BAKER
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	5.56		mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Pheophytin	1.54	I	mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Aluminum	33.2		µg/L	5.0	20.0	9/1/2022	12:45 PM	EPA 200.8
Arsenic	1.52	I	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Barium	10.6		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	9/1/2022	12:45 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	8/30/2022	10:55 AM	SM 5210 B
Calcium by ICP	54.8		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Chloride	609		mg/L	16.00	64.0	9/7/2022	12:36 PM	SM 4500-Cl ⁻ D
Color	93.8		CU	1.25	5.00	8/30/2022	9:34 AM	SM21 2120 C
Specific Conductance, By Client	2581		µmhos/cm			8/29/2022	10:45 AM	FDEP FT1200
Chromium	0.652	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Copper	0.807	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Metals digest w/HNO ₃ , water samples	Completed					8/31/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.53		mg/L			8/29/2022	10:45 AM	FDEP FT1500
Enterococci	10		MPN/100mL	10		8/29/2022	2:19 PM	Enterolert®
Iron by ICP	0.076		mg/L	0.005	0.020	9/1/2022	9:21 AM	EPA 200.7
Magnesium by ICP	41.2		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Manganese	10.5		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Molybdenum	2.30		µg/L	0.50	2.0	9/1/2022	12:45 PM	EPA 200.8
Ammonia	0.026	I	mg/L as N	0.014	0.056	9/8/2022	10:35 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	9/1/2022	12:45 PM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF33574	Collection date and time	8/29/2022 10:45 AM
Location Code	HENDGR01	Sample Collector	JAEGER/ BAKER
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrite	0.005	I	mg/L as N	0.003	0.012	8/30/2022	12:00 PM	EPA 353.2
Nitrate	0.018	I	mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrate + Nitrite	0.023	I	mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrogen, Organic	0.74		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN - NH3
Phosphorus, Ortho	0.016	I	mg/L as P	0.005	0.020	8/29/2022	3:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
pH, Field (electrometric) by Client	7.16		units			8/29/2022	10:45 AM	FDEP FT1100
Salinity by meter by Client	1.34		SU			8/29/2022	10:45 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9		meters			8/29/2022	10:45 AM	FDEP FT 1700
Selenium	3.21		µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Silica, dissolved as SiO2	6.5		mg/L as SiO2	0.1	0.4	8/29/2022	2:36 PM	SM4500-SiO2 C
Depth of Water Body	2.4		Meters			8/29/2022	10:45 AM	FS2100
Field Temperature by client	28.2		°C			8/29/2022	10:45 AM	FDEP FT1400
Total Hardness	307		mg/L as CaCO3	0.25	1.0	9/1/2022	9:21 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.77		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Nitrogen, Total	0.79		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN + NOX
Total Organic Carbon (NPOC)	12		mg/L	1	4	8/31/2022	4:07 PM	SM 5310 B
Phosphorus, Total	0.049		mg/L as P	0.006	0.024	9/1/2022	9:08 AM	EPA 365.1
Total Suspended Solids	1.60	I	mg/L	0.6	2.4	8/30/2022	8:57 AM	SM 2540 D
Turbidity (Nephelometric)	2.35		NTU	0.2	0.8	8/30/2022	9:45 AM	EPA 180.1
Vanadium	1.18	I	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8

Laboratory ID	AF33575	Collection date and time	8/29/2022 11:00 AM
Location Code	HENDGR02	Sample Collector	JAEGER/ BAKER
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	4.93		mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Pheophytin	9.87		mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Aluminum	116		µg/L	5.0	20.0	9/1/2022	12:45 PM	EPA 200.8
Arsenic	1.82	I	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Barium	16.8		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	9/1/2022	12:45 PM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF33575	Collection date and time	8/29/2022 11:00 AM
Location Code	HENDGR02	Sample Collector	JAEGER/ BAKER
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Biochemical Oxygen Demand 5 day	1.6		mg/L	0.3	1.2	8/30/2022	10:55 AM	SM 5210 B
Calcium by ICP	58.4		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Chloride	211		mg/L	16.00	64.0	9/7/2022	12:36 PM	SM 4500-Cl ⁻ D
Color	53.8		CU	1.25	5.00	8/30/2022	9:34 AM	SM21 2120 C
Specific Conductance, By Client	908		µmhos/cm			8/29/2022	11:00 AM	FDEP FT1200
Chromium	0.673	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Copper	1.13	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/31/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.52		mg/L			8/29/2022	11:00 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		8/29/2022	2:19 PM	Enterolert®
Iron by ICP	0.129		mg/L	0.005	0.020	9/1/2022	9:21 AM	EPA 200.7
Magnesium by ICP	16.6		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Manganese	14.4		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Molybdenum	2.47		µg/L	0.50	2.0	9/1/2022	12:45 PM	EPA 200.8
Ammonia	0.066		mg/L as N	0.014	0.056	9/8/2022	10:35 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	9/1/2022	12:45 PM	EPA 200.8
Nitrite	0.007	I	mg/L as N	0.003	0.012	8/30/2022	12:00 PM	EPA 353.2
Nitrate	0.046		mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrate + Nitrite	0.053		mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrogen, Organic	0.80		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN - NH3
Phosphorus, Ortho	0.006	I	mg/L as P	0.005	0.020	8/29/2022	3:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
pH, Field (electrometric) by Client	7.41		units			8/29/2022	11:00 AM	FDEP FT1100
Salinity by meter by Client	0.44		SU			8/29/2022	11:00 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.7	S	meters			8/29/2022	11:00 AM	FDEP FT 1700
Selenium	1.64	I	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Silica, dissolved as SiO2	5.6		mg/L as SiO2	0.1	0.4	8/29/2022	2:36 PM	SM4500-SiO2 C
Depth of Water Body	0.7		Meters			8/29/2022	11:00 AM	FS2100
Field Temperature by client	29.2		°C			8/29/2022	11:00 AM	FDEP FT1400
Total Hardness	214		mg/L as CaCO3	0.25	1.0	9/1/2022	9:21 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.87		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Nitrogen, Total	0.92		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN + NOX
Total Organic Carbon (NPOC)	8.7		mg/L	1	4	8/31/2022	4:07 PM	SM 5310 B



Laboratory ID	AF33575	Collection date and time	8/29/2022 11:00 AM
Location Code	HENDGR02	Sample Collector	JAEGER/ BAKER
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Phosphorus, Total	0.055		mg/L as P	0.006	0.024	9/1/2022	9:08 AM	EPA 365.1
Total Suspended Solids	3.85		mg/L	0.6	2.4	8/30/2022	8:57 AM	SM 2540 D
Turbidity (Nephelometric)	4.14		NTU	0.2	0.8	8/30/2022	9:45 AM	EPA 180.1
Vanadium	1.64	I	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Zinc	1.43	I	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8

Laboratory ID	AF33576	Collection date and time	8/29/2022 10:20 AM
Location Code	MULLGR01	Sample Collector	JAEGER/ BAKER
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	1.37	I	mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Pheophytin	1.86	I	mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Aluminum	18.0	I	µg/L	5.0	20.0	9/1/2022	12:45 PM	EPA 200.8
Arsenic	1.34	I	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Barium	14.5		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	9/1/2022	12:45 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.8	I	mg/L	0.3	1.2	8/30/2022	10:55 AM	SM 5210 B
Calcium by ICP	59.0		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Chloride	257		mg/L	16.00	64.0	9/7/2022	12:36 PM	SM 4500-Cl ⁻ D
Color	75.8		CU	1.25	5.00	8/30/2022	9:34 AM	SM21 2120 C
Specific Conductance, By Client	1050		µmhos/cm			8/29/2022	10:20 AM	FDEP FT1200
Chromium	0.677	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Copper	1.09	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/31/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.29		mg/L			8/29/2022	10:20 AM	FDEP FT1500
Enterococci	42		MPN/100mL	10		8/29/2022	2:19 PM	Enterolert®
Iron by ICP	0.304		mg/L	0.005	0.020	9/1/2022	9:21 AM	EPA 200.7
Magnesium by ICP	17.0		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Manganese	7.04		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Molybdenum	2.60		µg/L	0.50	2.0	9/1/2022	12:45 PM	EPA 200.8
Ammonia	0.032	I	mg/L as N	0.014	0.056	9/8/2022	10:35 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	9/1/2022	12:45 PM	EPA 200.8
Nitrite	0.006	I	mg/L as N	0.003	0.012	8/30/2022	12:00 PM	EPA 353.2
Nitrate	0.047		mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF33576	Collection date and time	8/29/2022 10:20 AM
Location Code	MULLGR01	Sample Collector	JAEGER/ BAKER
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrate + Nitrite	0.053		mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrogen, Organic	0.62		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN - NH3
Phosphorus, Ortho	0.012	I	mg/L as P	0.005	0.020	8/29/2022	3:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
pH, Field (electrometric) by Client	7.46		units			8/29/2022	10:20 AM	FDEP FT1100
Salinity by meter by Client	0.52		SU			8/29/2022	10:20 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.6		meters			8/29/2022	10:20 AM	FDEP FT 1700
Selenium	1.93	I	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Silica, dissolved as SiO2	6.6		mg/L as SiO2	0.1	0.4	8/29/2022	2:36 PM	SM4500-SiO2 C
Depth of Water Body	0.9		Meters			8/29/2022	10:20 AM	FS2100
Field Temperature by client	28.5		°C			8/29/2022	10:20 AM	FDEP FT1400
Total Hardness	217		mg/L as CaCO3	0.25	1.0	9/1/2022	9:21 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.65		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Nitrogen, Total	0.70		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN + NOX
Total Organic Carbon (NPOC)	13		mg/L	1	4	8/31/2022	4:07 PM	SM 5310 B
Phosphorus, Total	0.031		mg/L as P	0.006	0.024	9/1/2022	9:08 AM	EPA 365.1
Total Suspended Solids	2.75		mg/L	0.6	2.4	8/30/2022	8:57 AM	SM 2540 D
Turbidity (Nephelometric)	2.60		NTU	0.2	0.8	8/30/2022	9:45 AM	EPA 180.1
Vanadium	1.53	I	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8

Laboratory ID	AF33577	Collection date and time	8/29/2022 9:45 AM
Location Code	MULLGR02	Sample Collector	JAEGER/ BAKER
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.13	I	mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Pheophytin	1.65	I	mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Aluminum	22.2		µg/L	5.0	20.0	9/1/2022	12:45 PM	EPA 200.8
Arsenic	1.31	I	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Barium	15.3		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	9/1/2022	12:45 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	8/30/2022	10:55 AM	SM 5210 B
Calcium by ICP	59.4		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7

Report Format: NELAC

DOH #E45049



Laboratory ID	AF33577	Collection date and time	8/29/2022 9:45 AM
Location Code	MULLGR02	Sample Collector	JAEGER/ BAKER
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Cadmium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Chloride	208		mg/L	16.00	64.0	9/7/2022	12:36 PM	SM 4500-Cl ⁻ D
Color	73.7		CU	1.25	5.00	8/30/2022	9:34 AM	SM21 2120 C
Specific Conductance, By Client	935		µmhos/cm			8/29/2022	9:45 AM	FDEP FT1200
Chromium	0.700	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Copper	1.34	I	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/31/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.13		mg/L			8/29/2022	9:45 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		8/29/2022	2:19 PM	Enterolert®
Iron by ICP	0.336		mg/L	0.005	0.020	9/1/2022	9:21 AM	EPA 200.7
Magnesium by ICP	13.0		mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Manganese	8.08		µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Molybdenum	2.25		µg/L	0.50	2.0	9/1/2022	12:45 PM	EPA 200.8
Ammonia	0.026	I	mg/L as N	0.014	0.056	9/8/2022	10:35 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	9/1/2022	12:45 PM	EPA 200.8
Nitrite	0.008	I	mg/L as N	0.003	0.012	8/30/2022	12:00 PM	EPA 353.2
Nitrate	0.038	I	mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrate + Nitrite	0.046		mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrogen, Organic	0.62		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN - NH3
Phosphorus, Ortho	0.011	I	mg/L as P	0.005	0.020	8/29/2022	3:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
pH, Field (electrometric) by Client	7.29		units			8/29/2022	9:45 AM	FDEP FT1100
Salinity by meter by Client	0.51		SU			8/29/2022	9:45 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.2	S	meters			8/29/2022	9:45 AM	FDEP FT 1700
Selenium	0.647	I	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Silica, dissolved as SiO2	6.5		mg/L as SiO2	0.1	0.4	8/29/2022	2:36 PM	SM4500-SiO2 C
Depth of Water Body	1.2		Meters			8/29/2022	9:45 AM	FS2100
Field Temperature by client	27.9		°C			8/29/2022	9:45 AM	FDEP FT1400
Total Hardness	202		mg/L as CaCO3	0.25	1.0	9/1/2022	9:21 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.65		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Nitrogen, Total	0.70		mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN + NOX
Total Organic Carbon (NPOC)	13		mg/L	1	4	8/31/2022	4:07 PM	SM 5310 B
Phosphorus, Total	0.030		mg/L as P	0.006	0.024	9/1/2022	9:08 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	8/30/2022	8:57 AM	SM 2540 D



Laboratory ID	AF33577	Collection date and time	8/29/2022 9:45 AM
Location Code	MULLGR02	Sample Collector	JAEGER/ BAKER
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	2.30		NTU	0.2	0.8	8/30/2022	9:45 AM	EPA 180.1
Vanadium	1.48	I	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8

Laboratory ID	AF33578	Collection date and time	8/29/2022 1:15 PM
Location Code	EBTEB	Sample Collector	JAEGER/ BAKER
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	9/6/2022	7:39 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	9/6/2022	7:39 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	9/1/2022	12:45 PM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	9/1/2022	12:45 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	8/30/2022	10:55 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	9/7/2022	12:36 PM	SM 4500-Cl ⁻ D
Color	1.25	U	CU	1.25	5.00	8/30/2022	9:34 AM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/31/2022	7:30 AM	EPA 200.8
Enterococci	1	U	MPN/100mL	1		8/29/2022	2:19 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	9/1/2022	9:21 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	9/1/2022	9:21 AM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	9/1/2022	12:45 PM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	9/8/2022	10:35 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	9/1/2022	12:45 PM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	8/30/2022	12:00 PM	EPA 353.2
Nitrate	0.01	U	mg/L as N	0.01	0.04	9/1/2022	10:45 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	8/30/2022	12:00 PM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN - NH3
Phosphorus, Ortho	0.005	U	mg/L as P	0.005	0.020	8/29/2022	3:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	9/1/2022	12:45 PM	EPA 200.8

Report Format: NELAC

DOH #E45049



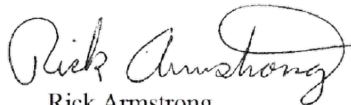
Laboratory ID	AF33578	Collection date and time	8/29/2022 1:15 PM
Location Code	EBTEB	Sample Collector	JAEGER/ BAKER
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Antimony	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	9/1/2022	12:45 PM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	8/29/2022	2:36 PM	SM4500-SiO2 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	9/1/2022	9:21 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	9/1/2022	9:06 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	9/1/2022	12:45 PM	EPA 200.8
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	9/1/2022	9:06 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	8/31/2022	4:07 PM	SM 5310 B
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	9/1/2022	9:08 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	8/30/2022	8:57 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	8/30/2022	9:45 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 PM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	9/1/2022	12:45 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

&

Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

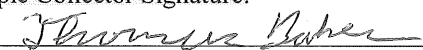
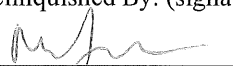
Lab Certification: E45049

LCEL F COC 20150828R1

Report/Result Information

Billing/Invoice Information

Page 1 of 1

Name: FDEP - South Distrib List: FDEP-South Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901-2549 Phone: (239) 470-0873		Name: DNRM RE: EB Tribb Address: 1500 Monroe St Ft Myers, FL 33901 Phone: (239) 533-8109		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					
Sample Collector(s) (please print): Monica Joeger John Barrington/Gary Snorek Thomas Bauer		Sample Collector Signature: 		Analyses Required							
Relinquished By: (signature) 	Date 8/29/22	Time 1330	Received By: (signature) 	\$Chloroa, _prep	O-PO4, Color, NOx	NH3, TKN, TN, NO3, ONIT, TOC	Turb, Cl_p, NO2, TSS, T-PO4, Silica, Bod, Bodi	Mug2QT, Entero	#WSNmetals, 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: 3.2				NP	NPF	S	NP	ST	N		
Collection Date Time		Sample Description & Location		Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
8/29/22	1045	HendGr01 pH=7.16 SpCond (mS/cm) = 2581		SW	1	1	2	2	1	1	AF33574
8/29/22	1100	HendGr02 pH=7.41 SpCond (mS/cm) = 908		SW	1	1	2	2	1	1	AF33575
8/29/22	1020	MullGr01 pH=7.46 SpCond (mS/cm) = 1050		SW	1	1	2	2	1	1	AF33576
8/29/22	945	MullGr02 pH=7.29 SpCond (mS/cm) = 935		SW	1	1	2	2	1	1	AF33577
8/29/22	1315	EBTeb pH= SpCond (mS/cm) =		FB	1	1	2	2	1	1	AF33578

**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.