

Laboratory Results

Lee County Environmental Laboratory

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Fort Myers, FL 33907
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To: ATTN: Project Lead
FDEP - South
2295 Victoria Ave Ste 364
Fort Myers FL 33901
(239) 344-5719

Report Date: 9/5/2023

Below are the results of samples submitted to this laboratory on 7/31/2023

Laboratory ID	AF65012	Collection date and time	7/31/2023 8:55 AM
Location Code	HENDGR01	Sample Collector	MONICA JAEGER
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	1.86	I	mg/M3	0.5	2.0	8/3/2023	7:40 AM	SM21 10200 H
Pheophytin	3.46		mg/M3	0.5	2.0	8/3/2023	7:40 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	41.9		%	0.1		7/31/2023	8:55 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	8/10/2023	10:25 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Barium	19.0	I	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	8/10/2023	10:25 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.2	I	mg/L	0.3	1.2	8/1/2023	10:34 AM	SM 5210 B
Calcium by ICP	208		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Chloride	5430		mg/L	1.60	6.4	8/2/2023	9:26 AM	SM 4500-Cl ⁻ D
Color	106		CU	1.25	5.00	8/1/2023	9:26 AM	SM21 2120 C
Specific Conductance, By Client	23900		µmhos/cm			7/31/2023	8:55 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Metals digest w/HNO ₃ , water samples	Completed					8/9/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.85		mg/L			7/31/2023	8:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		7/31/2023	10:38 AM	Enterolert®
Iron by ICP	0.090	I	mg/L	0.050	0.200	8/10/2023	12:26 PM	EPA 200.7
Magnesium by ICP	433		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Manganese	26.6		µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	8/10/2023	10:25 AM	EPA 200.8
Ammonia as N	0.041	I	mg/L as N	0.014	0.056	8/4/2023	8:40 AM	EPA 350.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AF65012	Collection date and time	7/31/2023 8:55 AM
Location Code	HENDGR01	Sample Collector	MONICA JAEGER
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nickel	7.50	U	µg/L	7.50	30.00	8/10/2023	10:25 AM	EPA 200.8
Nitrite as N	0.007	I	mg/L as N	0.003	0.012	8/1/2023	12:56 PM	EPA 353.2
Nitrate as N	0.014	I	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrate + Nitrite as N	0.021	I	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrogen, Organic	0.96		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN - NH3
Phosphorus, Ortho as P	0.038		mg/L as P	0.005	0.020	8/1/2023	1:50 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
pH, Field (electrometric) by Client	7.66		units			7/31/2023	8:55 AM	FDEP FT1100
Salinity by meter by Client	14.3		SU			7/31/2023	8:55 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters			7/31/2023	8:55 AM	FDEP FT 1700
Selenium	46.6		µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Field Temperature by client	31.4		°C			7/31/2023	8:55 AM	FDEP FT1400
Total Hardness as CaCO3	2300		mg/L as CaCO3	2.50	10.0	8/10/2023	12:26 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.0		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Nitrogen, Total	1.0		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN + NOX
Total Organic Carbon (NPOC)	16		mg/L	1	4	8/5/2023	1:43 PM	SM 5310 B
Phosphorus, Total as P	0.068		mg/L as P	0.006	0.024	8/7/2023	8:59 AM	EPA 365.1
Total Suspended Solids	3.20		mg/L	0.6	2.4	8/2/2023	9:29 AM	SM 2540 D
Turbidity (Nephelometric)	1.87		NTU	0.2	0.8	8/1/2023	7:44 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8

Laboratory ID	AF65013	Collection date and time	7/31/2023 9:15 AM
Location Code	HENDGR02	Sample Collector	MONICA JAEGER
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	2.07		mg/M3	0.5	2.0	8/3/2023	7:40 AM	SM21 10200 H
Pheophytin	10.79		mg/M3	0.5	2.0	8/3/2023	7:40 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	26.4		%	0.1		7/31/2023	9:15 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	8/10/2023	10:25 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Barium	22.3		µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	8/10/2023	10:25 AM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF65013	Collection date and time	7/31/2023 9:15 AM
Location Code	HENDGR02	Sample Collector	MONICA JAEGER
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	1.5		mg/L	0.3	1.2	8/1/2023	10:34 AM	SM 5210 B
Calcium by ICP	118		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Chloride	2110		mg/L	1.60	6.4	8/2/2023	9:26 AM	SM 4500-Cl ⁻ D
Color	92.4		CU	1.25	5.00	8/1/2023	9:26 AM	SM21 2120 C
Specific Conductance, By Client	9100		µmhos/cm			7/31/2023	9:15 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/9/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	1.94		mg/L			7/31/2023	9:15 AM	FDEP FT1500
Enterococci	10		MPN/100mL	10		7/31/2023	10:38 AM	Enterolert®
Iron by ICP	0.100	I	mg/L	0.050	0.200	8/10/2023	12:26 PM	EPA 200.7
Magnesium by ICP	160		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Manganese	23.6		µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	8/10/2023	10:25 AM	EPA 200.8
Ammonia as N	0.101		mg/L as N	0.014	0.056	8/4/2023	8:40 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	8/10/2023	10:25 AM	EPA 200.8
Nitrite as N	0.009	I	mg/L as N	0.003	0.012	8/1/2023	12:56 PM	EPA 353.2
Nitrate as N	0.039	I	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrate + Nitrite as N	0.048		mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrogen, Organic	0.84		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN - NH3
Phosphorus, Ortho as P	0.037		mg/L as P	0.005	0.020	8/1/2023	1:50 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
pH, Field (electrometric) by Client	7.48		units			7/31/2023	9:15 AM	FDEP FT1100
Salinity by meter by Client	5.15		SU			7/31/2023	9:15 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.2		meters			7/31/2023	9:15 AM	FDEP FT 1700
Selenium	11.4	I	µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Field Temperature by client	30.4		°C			7/31/2023	9:15 AM	FDEP FT1400
Total Hardness as CaCO3	954		mg/L as CaCO3	2.50	10.0	8/10/2023	12:26 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.94		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Nitrogen, Total	0.99		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN + NOX
Total Organic Carbon (NPOC)	14		mg/L	1	4	8/5/2023	1:43 PM	SM 5310 B
Phosphorus, Total as P	0.072		mg/L as P	0.006	0.024	8/7/2023	8:59 AM	EPA 365.1
Total Suspended Solids	1.90	I	mg/L	0.6	2.4	8/2/2023	9:29 AM	SM 2540 D



Laboratory ID	AF65013	Collection date and time	7/31/2023 9:15 AM
Location Code	HENDGR02	Sample Collector	MONICA JAEGER
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	1.35		NTU	0.2	0.8	8/1/2023	7:44 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8

Laboratory ID	AF65014	Collection date and time	7/31/2023 8:40 AM
Location Code	MULLGR01	Sample Collector	MONICA JAEGER
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	8/3/2023	7:40 AM	SM21 10200 H
Pheophytin	1.17	I	mg/M3	0.5	2.0	8/3/2023	7:40 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	52.1		%	0.1		7/31/2023	8:40 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	8/10/2023	10:25 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Barium	16.3	I	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	8/10/2023	10:25 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.2	I	mg/L	0.3	1.2	8/1/2023	10:34 AM	SM 5210 B
Calcium by ICP	301		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Chloride	9850		mg/L	1.60	6.4	8/9/2023	7:06 AM	SM 4500-Cl ⁻ D
Color	46.0		CU	1.25	5.00	8/1/2023	9:26 AM	SM21 2120 C
Specific Conductance, By Client	36100		µmhos/cm			7/31/2023	8:40 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/9/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.41		mg/L			7/31/2023	8:40 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		7/31/2023	10:38 AM	Enterolert®
Iron by ICP	0.090	I	mg/L	0.050	0.200	8/10/2023	12:26 PM	EPA 200.7
Magnesium by ICP	785		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Manganese	17.1	I	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Molybdenum	6.66	I	µg/L	5.00	20.0	8/10/2023	10:25 AM	EPA 200.8
Ammonia as N	0.024	I	mg/L as N	0.014	0.056	8/4/2023	8:40 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	8/10/2023	10:25 AM	EPA 200.8
Nitrite as N	0.005	I	mg/L as N	0.003	0.012	8/1/2023	12:56 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	I	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF65014	Collection date and time	7/31/2023 8:40 AM
Location Code	MULLGR01	Sample Collector	MONICA JAEGER
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Organic	0.79		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN - NH3
Phosphorus, Ortho as P	0.021		mg/L as P	0.005	0.020	8/1/2023	1:50 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
pH, Field (electrometric) by Client	7.72		units			7/31/2023	8:40 AM	FDEP FT1100
Salinity by meter by Client	22.6		SU			7/31/2023	8:40 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.3		meters			7/31/2023	8:40 AM	FDEP FT 1700
Selenium	75.6		µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Field Temperature by client	31.4		°C			7/31/2023	8:40 AM	FDEP FT1400
Total Hardness as CaCO3	3980		mg/L as CaCO3	2.50	10.0	8/10/2023	12:26 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.81		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Nitrogen, Total	0.82		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN + NOX
Total Organic Carbon (NPOC)	9.4		mg/L	1	4	8/5/2023	1:43 PM	SM 5310 B
Phosphorus, Total as P	0.046		mg/L as P	0.006	0.024	8/7/2023	8:59 AM	EPA 365.1
Total Suspended Solids	3.75		mg/L	0.6	2.4	8/2/2023	9:29 AM	SM 2540 D
Turbidity (Nephelometric)	2.64		NTU	0.2	0.8	8/1/2023	7:44 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8

Laboratory ID	AF65015	Collection date and time	7/31/2023 8:20 AM
Location Code	MULLGR02	Sample Collector	MONICA JAEGER
Sample Description	Mullock Creek, marker 55		

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	8/3/2023	7:40 AM	SM21 10200 H
Pheophytin	4.24		mg/M3	0.5	2.0	8/3/2023	7:40 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	49.2		%	0.1		7/31/2023	8:20 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	8/10/2023	10:25 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Barium	18.6	I	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	8/10/2023	10:25 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.7	I	mg/L	0.3	1.2	8/1/2023	10:34 AM	SM 5210 B
Calcium by ICP	167		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Chloride	4220		mg/L	1.60	6.4	8/2/2023	9:26 AM	SM 4500-Cl ⁻ D

Report Format: NELAC

DOH #E45049



Laboratory ID	AF65015	Collection date and time	7/31/2023 8:20 AM
Location Code	MULLGR02	Sample Collector	MONICA JAEGER
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Color	72.0		CU	1.25	5.00	8/1/2023	9:26 AM	SM21 2120 C
Specific Conductance, By Client	15800		µmhos/cm			7/31/2023	8:20 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/9/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.50		mg/L			7/31/2023	8:20 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		7/31/2023	10:38 AM	Enterolert®
Iron by ICP	0.170	I	mg/L	0.050	0.200	8/10/2023	12:26 PM	EPA 200.7
Magnesium by ICP	319		mg/L	2.50	10.00	8/10/2023	12:26 PM	EPA 200.7
Manganese	15.7	I	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	8/10/2023	10:25 AM	EPA 200.8
Ammonia as N	0.053	I	mg/L as N	0.014	0.056	8/4/2023	8:40 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	8/10/2023	10:25 AM	EPA 200.8
Nitrite as N	0.006	I	mg/L as N	0.003	0.012	8/1/2023	12:56 PM	EPA 353.2
Nitrate as N	0.017	I	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrate + Nitrite as N	0.023	I	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrogen, Organic	0.71		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN - NH3
Phosphorus, Ortho as P	0.019	I	mg/L as P	0.005	0.020	8/1/2023	1:50 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
pH, Field (electrometric) by Client	7.43		units			7/31/2023	8:20 AM	FDEP FT1100
Salinity by meter by Client	9.16		SU			7/31/2023	8:20 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters			7/31/2023	8:20 AM	FDEP FT 1700
Selenium	30.0		µg/L	5.0	20	8/10/2023	10:25 AM	EPA 200.8
Field Temperature by client	30.6		°C			7/31/2023	8:20 AM	FDEP FT1400
Total Hardness as CaCO3	1730		mg/L as CaCO3	2.50	10.0	8/10/2023	12:26 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.76		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	8/10/2023	10:25 AM	EPA 200.8
Nitrogen, Total	0.78		mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN + NOX
Total Organic Carbon (NPOC)	13		mg/L	1	4	8/5/2023	1:43 PM	SM 5310 B
Phosphorus, Total as P	0.042		mg/L as P	0.006	0.024	8/7/2023	8:59 AM	EPA 365.1
Total Suspended Solids	3.10		mg/L	0.6	2.4	8/3/2023	8:11 AM	SM 2540 D
Turbidity (Nephelometric)	2.33		NTU	0.2	0.8	8/1/2023	7:44 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	8/10/2023	10:25 AM	EPA 200.8



Laboratory ID	AF65016	Collection date and time	7/31/2023 10:00 AM
Location Code	EBTEB	Sample Collector	MONICA JAEGER
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	8/3/2023	7:40 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	8/3/2023	7:40 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	8/10/2023	10:25 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	8/10/2023	10:25 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	8/10/2023	10:25 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	8/10/2023	10:25 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	8/1/2023	10:34 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	8/10/2023	12:26 PM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	8/10/2023	10:25 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	8/9/2023	7:06 AM	SM 4500-Cl ⁻ D
Color	1.25	U	CU	1.25	5.00	8/1/2023	9:26 AM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	8/10/2023	10:25 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	8/10/2023	10:25 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					8/9/2023	7:30 AM	EPA 200.8
Enterococci	10	U	MPN/100mL	10		7/31/2023	10:38 AM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	8/10/2023	12:26 PM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	8/10/2023	12:26 PM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	8/10/2023	10:25 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	8/10/2023	10:25 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	8/4/2023	8:40 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	8/10/2023	10:25 AM	EPA 200.8
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	8/1/2023	12:56 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	8/1/2023	12:56 PM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	8/1/2023	1:50 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	8/10/2023	10:25 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	8/10/2023	10:25 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	8/10/2023	10:25 AM	EPA 200.8
Total Hardness as CaCO3	0.25	U	mg/L as CaCO3	0.25	1.0	8/10/2023	12:26 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	8/7/2023	8:57 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	8/10/2023	10:25 AM	EPA 200.8
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	8/7/2023	8:57 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	8/5/2023	1:43 PM	SM 5310 B
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	8/7/2023	8:59 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	8/3/2023	8:11 AM	SM 2540 D



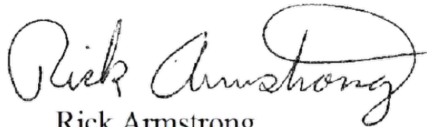
Laboratory ID	AF65016	Collection date and time	7/31/2023 10:00 AM
Location Code	EBTEB	Sample Collector	MONICA JAEGER
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	8/1/2023	7:44 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	8/10/2023	10:25 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	8/10/2023	10:25 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.


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

&

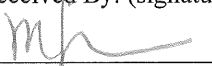
Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049

LCEL F COC 20150828R1

Page 1 of 1

Report/Result Information			Billing/Invoice Information									
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 Sample Collector(s) (please print): Monica Jaeger			Name: DNRM RE: EB Tribb Address: 1500 Monroe St Ft Myers, FL 33901 Phone: (239) 533-8109 Sample Collector Signature: 			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			
Relinquished By: (signature) 			Date 7/31/23	Time 1033	Received By: (signature) 	\$Chloroa, _prep O-P04, Color, NOx NH3, TKN, TN, NO3, ONIT, TOC Turb, CL p, NO2, TSS, T-P04, Bod, Bodi Mug2QT, Entero #WSMetals, THardC	Analyses Required					
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: 5.32						NP	NPF	S	NP	ST	N	
Collection Date Time		Sample Description & Location			Matrix (see codes)	# of Sample Containers Submitted					Lab ID #	
7/31/23	855	HendGr01 pH= 7.66 SpCond (mS/cm) = 13804			SW	1	1	2	2	1	1	AF65012
7/31/23	915	HendGr02 pH= 7.48 SpCond (mS/cm) = 9109			SW	1	1	2	2	1	1	AF65013
7/31/23	840	MullGr01 pH= 7.72 SpCond (mS/cm) = 30070			SW	1	1	2	2	1	1	AF65014
7/31/23	820	MullGr02 pH= 7.43 SpCond (mS/cm) = 15849			SW	1	1	2	2	1	1	AF65015
7/31/23	1000	EBTeb pH= SpCond (mS/cm) =			FB	1	1	2	2	1	1	AF65016

**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.