

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: 3/20/2023

Below are the results of samples submitted to this laboratory on 2/6/2023

Laboratory ID	AF49287	Collection date and time	2/6/2023 10:35 AM
Location Code	HENDGR01	Sample Collector	JAEGER/REISTAD
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	1.12	I	mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Pheophytin	13.64		mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	67.3		%	0.1		2/6/2023	10:35 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	2/22/2023	9:09 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Barium	29.9		µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/22/2023	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	2.2		mg/L	0.3	1.2	2/7/2023	11:24 AM	SM 5210 B
Calcium by ICP	318		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Chloride	14500		mg/L	16.00	64.0	2/8/2023	12:04 PM	SM 4500-Cl ⁻ D
Color	54.8		CU	1.25	5.00	2/7/2023	1:46 PM	SM21 2120 C
Specific Conductance, By Client	34600		µmhos/cm			2/6/2023	10:35 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/21/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.12		mg/L			2/6/2023	10:35 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		2/6/2023	12:40 PM	Enterolert®
Iron by ICP	0.060	I	mg/L	0.050	0.200	3/17/2023	7:16 AM	EPA 200.7
Magnesium by ICP	731		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Manganese	15.2	I	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Molybdenum	6.53	I	µg/L	5.00	20.0	2/22/2023	9:09 AM	EPA 200.8
Ammonia as N	0.034	I	mg/L as N	0.014	0.056	2/9/2023	9:08 AM	EPA 350.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AF49287	Collection date and time	2/6/2023 10:35 AM
Location Code	HENDGR01	Sample Collector	JAEGER/REISTAD
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	2/22/2023	9:09 AM	EPA 200.8
Nitrite as N	0.007	I	mg/L as N	0.003	0.012	2/7/2023	11:32 AM	EPA 353.2
Nitrate as N	0.026	I	mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrate + Nitrite as N	0.033	I	mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrogen, Organic	1.3		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN - NH3
Phosphorus, Ortho as P	0.033		mg/L as P	0.005	0.020	2/7/2023	2:13 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
pH, Field (electrometric) by Client	7.66		units			2/6/2023	10:35 AM	FDEP FT1100
Salinity by meter by Client	21.85		SU			2/6/2023	10:35 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters			2/6/2023	10:35 AM	FDEP FT 1700
Selenium	54.1		µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	4.8		mg/L as SiO2	0.1	0.4	2/7/2023	11:40 AM	SM4500-SiO2 C
Field Temperature by client	22.1		°C			2/6/2023	10:35 AM	FDEP FT1400
Total Hardness as CaCO3	3800		mg/L as CaCO3	2.50	10.0	3/17/2023	7:16 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.3		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Nitrogen, Total	1.3		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN + NOX
Total Organic Carbon (NPOC)	13		mg/L	1	4	2/10/2023	2:29 PM	SM 5310 B
Phosphorus, Total as P	0.079		mg/L as P	0.006	0.024	2/20/2023	8:24 AM	EPA 365.1
Total Suspended Solids	7.50		mg/L	0.6	2.4	2/7/2023	9:53 AM	SM 2540 D
Turbidity (Nephelometric)	4.32		NTU	0.2	0.8	2/7/2023	7:28 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8

Laboratory ID	AF49288	Collection date and time	2/6/2023 10:55 AM
Location Code	HENDGR02	Sample Collector	JAEGER/REISTAD
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	8.48		mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Pheophytin	3.17		mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	47.4		%	0.1		2/6/2023	10:55 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	2/22/2023	9:09 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Barium	34.8		µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF49288	Collection date and time	2/6/2023 10:55 AM
Location Code	HENDGR02	Sample Collector	JAEGER/REISTAD
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	2/22/2023	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.9		mg/L	0.3	1.2	2/7/2023	11:24 AM	SM 5210 B
Calcium by ICP	260		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Chloride	8150		mg/L	16.00	64.0	2/8/2023	12:04 PM	SM 4500-Cl ⁻ D
Color	60.8		CU	1.25	5.00	2/7/2023	1:46 PM	SM21 2120 C
Specific Conductance, By Client	29200		µmhos/cm			2/6/2023	10:55 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/21/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.56		mg/L			2/6/2023	10:55 AM	FDEP FT1500
Enterococci	10		MPN/100mL	10		2/6/2023	12:40 PM	Enterolert®
Iron by ICP	0.070	I	mg/L	0.050	0.200	3/17/2023	7:16 AM	EPA 200.7
Magnesium by ICP	511		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Manganese	30.3		µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	2/22/2023	9:09 AM	EPA 200.8
Ammonia as N	0.144		mg/L as N	0.014	0.056	2/9/2023	9:08 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/22/2023	9:09 AM	EPA 200.8
Nitrite as N	0.015		mg/L as N	0.003	0.012	2/7/2023	11:32 AM	EPA 353.2
Nitrate as N	0.087		mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrate + Nitrite as N	0.102		mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrogen, Organic	0.96		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN - NH3
Phosphorus, Ortho as P	0.054		mg/L as P	0.005	0.020	2/7/2023	2:13 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
pH, Field (electrometric) by Client	7.58		units			2/6/2023	10:55 AM	FDEP FT1100
Salinity by meter by Client	17.94		SU			2/6/2023	10:55 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters			2/6/2023	10:55 AM	FDEP FT 1700
Selenium	38.9		µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	5.9		mg/L as SiO2	0.1	0.4	2/7/2023	11:40 AM	SM4500-SiO2 C
Field Temperature by client	22.9		°C			2/6/2023	10:55 AM	FDEP FT1400
Total Hardness as CaCO3	2750		mg/L as CaCO3	2.50	10.0	3/17/2023	7:16 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Nitrogen, Total	1.2		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN + NOX
Total Organic Carbon (NPOC)	14		mg/L	1	4	2/10/2023	2:29 PM	SM 5310 B



Laboratory ID	AF49288	Collection date and time	2/6/2023 10:55 AM
Location Code	HENDGR02	Sample Collector	JAEGER/REISTAD
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Phosphorus, Total as P	0.089		mg/L as P	0.006	0.024	2/20/2023	8:24 AM	EPA 365.1
Total Suspended Solids	5.95		mg/L	0.6	2.4	2/7/2023	9:53 AM	SM 2540 D
Turbidity (Nephelometric)	3.33		NTU	0.2	0.8	2/7/2023	7:28 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8

Laboratory ID	AF49289	Collection date and time	2/6/2023 9:45 AM
Location Code	MULLGR01	Sample Collector	JAEGER/REISTAD
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	0.50	U	mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Pheophytin	7.66		mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	73.4		%	0.1		2/6/2023	9:45 AM	FDEP FT1500
Aluminum	54.9	I	µg/L	50.0	200.0	2/22/2023	9:09 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Barium	23.5		µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/22/2023	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.2		mg/L	0.3	1.2	2/7/2023	11:24 AM	SM 5210 B
Calcium by ICP	285		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Chloride	10800		mg/L	16.00	64.0	2/8/2023	12:04 PM	SM 4500-Cl ⁻ D
Color	34.4		CU	1.25	5.00	2/7/2023	1:46 PM	SM21 2120 C
Specific Conductance, By Client	30800		µmhos/cm			2/6/2023	9:45 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/21/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.67		mg/L			2/6/2023	9:45 AM	FDEP FT1500
Enterococci	20		MPN/100mL	10		2/6/2023	12:40 PM	Enterolert®
Iron by ICP	0.170	I	mg/L	0.050	0.200	3/17/2023	7:16 AM	EPA 200.7
Magnesium by ICP	684		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Manganese	13.5	I	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Molybdenum	9.60	I	µg/L	5.00	20.0	2/22/2023	9:09 AM	EPA 200.8
Ammonia as N	0.096		mg/L as N	0.014	0.056	2/9/2023	9:08 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/22/2023	9:09 AM	EPA 200.8
Nitrite as N	0.006	I	mg/L as N	0.003	0.012	2/7/2023	11:32 AM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF49289	Collection date and time	2/6/2023 9:45 AM
Location Code	MULLGR01	Sample Collector	JAEGER/REISTAD
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrate as N	0.036	I	mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrate + Nitrite as N	0.042		mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrogen, Organic	0.88		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN - NH3
Phosphorus, Ortho as P	0.011	I	mg/L as P	0.005	0.020	2/7/2023	2:13 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
pH, Field (electrometric) by Client	7.56		units			2/6/2023	9:45 AM	FDEP FT1100
Salinity by meter by Client	19.16		SU			2/6/2023	9:45 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9		meters			2/6/2023	9:45 AM	FDEP FT 1700
Selenium	61.9		µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	4.1		mg/L as SiO2	0.1	0.4	2/7/2023	11:40 AM	SM4500-SiO2 C
Field Temperature by client	22.5		°C			2/6/2023	9:45 AM	FDEP FT1400
Total Hardness as CaCO3	3530		mg/L as CaCO3	2.50	10.0	3/17/2023	7:16 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.98		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Nitrogen, Total	1.0		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN + NOX
Total Organic Carbon (NPOC)	9.4		mg/L	1	4	2/10/2023	2:29 PM	SM 5310 B
Phosphorus, Total as P	0.044		mg/L as P	0.006	0.024	2/20/2023	8:24 AM	EPA 365.1
Total Suspended Solids	11.0		mg/L	0.6	2.4	2/7/2023	9:53 AM	SM 2540 D
Turbidity (Nephelometric)	5.61		NTU	0.2	0.8	2/7/2023	7:28 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8

Laboratory ID	AF49290	Collection date and time	2/6/2023 9:10 AM
Location Code	MULLGR02	Sample Collector	JAEGER/REISTAD
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.00	I	mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Pheophytin	7.26		mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	71.4		%	0.1		2/6/2023	9:10 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	2/22/2023	9:09 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Barium	24.5		µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/22/2023	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	2/7/2023	11:24 AM	SM 5210 B

Report Format: NELAC

DOH #E45049



Laboratory ID	AF49290	Collection date and time	2/6/2023 9:10 AM
Location Code	MULLGR02	Sample Collector	JAEGER/REISTAD
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Calcium by ICP	293		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Chloride	10600		mg/L	16.00	64.0	2/8/2023	12:04 PM	SM 4500-Cl ⁻ D
Color	34.7		CU	1.25	5.00	2/7/2023	1:46 PM	SM21 2120 C
Specific Conductance, By Client	30600		µmhos/cm			2/6/2023	9:10 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/21/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.50		mg/L			2/6/2023	9:10 AM	FDEP FT1500
Enterococci	53		MPN/100mL	10		2/6/2023	12:40 PM	Enterolert®
Iron by ICP	0.180	I	mg/L	0.050	0.200	3/17/2023	7:16 AM	EPA 200.7
Magnesium by ICP	706		mg/L	2.50	10.00	3/17/2023	7:16 AM	EPA 200.7
Manganese	15.1	I	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Molybdenum	8.86	I	µg/L	5.00	20.0	2/22/2023	9:09 AM	EPA 200.8
Ammonia as N	0.096		mg/L as N	0.014	0.056	2/9/2023	9:08 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/22/2023	9:09 AM	EPA 200.8
Nitrite as N	0.005	I	mg/L as N	0.003	0.012	2/7/2023	11:32 AM	EPA 353.2
Nitrate as N	0.037	I	mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrate + Nitrite as N	0.042		mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrogen, Organic	0.78		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN - NH3
Phosphorus, Ortho as P	0.011	I	mg/L as P	0.005	0.020	2/7/2023	2:13 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
pH, Field (electrometric) by Client	7.51		units			2/6/2023	9:10 AM	FDEP FT1100
Salinity by meter by Client	18.93		SU			2/6/2023	9:10 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.6		meters			2/6/2023	9:10 AM	FDEP FT 1700
Selenium	57.2		µg/L	5.0	20	2/22/2023	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	4.2		mg/L as SiO2	0.1	0.4	2/7/2023	11:40 AM	SM4500-SiO2 C
Field Temperature by client	22.4		°C			2/6/2023	9:10 AM	FDEP FT1400
Total Hardness as CaCO3	3640		mg/L as CaCO3	2.50	10.0	3/17/2023	7:16 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.88		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/22/2023	9:09 AM	EPA 200.8
Nitrogen, Total	0.92		mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN + NOX
Total Organic Carbon (NPOC)	9.2		mg/L	1	4	2/10/2023	2:29 PM	SM 5310 B
Phosphorus, Total as P	0.043		mg/L as P	0.006	0.024	2/20/2023	8:24 AM	EPA 365.1
Total Suspended Solids	11.3		mg/L	0.6	2.4	2/7/2023	9:53 AM	SM 2540 D



Laboratory ID	AF49290	Collection date and time	2/6/2023 9:10 AM
Location Code	MULLGR02	Sample Collector	JAEGER/REISTAD
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	4.11		NTU	0.2	0.8	2/7/2023	7:28 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/22/2023	9:09 AM	EPA 200.8

Laboratory ID	AF49291	Collection date and time	2/6/2023 11:55 AM
Location Code	EBTEB	Sample Collector	JAEGER/REISTAD
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	2/13/2023	7:22 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	2/13/2023	7:22 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	2/22/2023	9:09 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	2/22/2023	9:09 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	2/22/2023	9:09 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	2/22/2023	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	2/7/2023	11:24 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	3/17/2023	7:16 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	2/22/2023	9:09 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	2/8/2023	12:04 PM	SM 4500-Cl ⁻ D
Color	1.25	U	CU	1.25	5.00	2/7/2023	1:46 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	2/22/2023	9:09 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	2/22/2023	9:09 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/21/2023	7:30 AM	EPA 200.8
Enterococci	1	U	MPN/100mL	1		2/6/2023	12:40 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	3/17/2023	7:16 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	3/17/2023	7:16 AM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	2/22/2023	9:09 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	2/22/2023	9:09 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	2/9/2023	9:08 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	2/22/2023	9:09 AM	EPA 200.8
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	2/7/2023	11:32 AM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	2/7/2023	11:32 AM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	2/7/2023	2:13 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	2/22/2023	9:09 AM	EPA 200.8

Report Format: NELAC

DOH #E45049



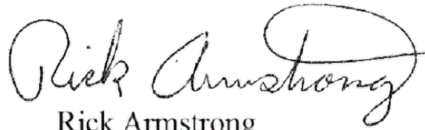
Laboratory ID	AF49291	Collection date and time	2/6/2023 11:55 AM
Location Code	EBTEB	Sample Collector	JAEGER/REISTAD
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Antimony	1.0	U	µg/L	1.0	4.0	2/22/2023	9:09 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	2/22/2023	9:09 AM	EPA 200.8
Silica, dissolved as SiO ₂	0.1	U	mg/L as SiO ₂	0.1	0.4	2/7/2023	11:40 AM	SM4500-SiO ₂ C
Total Hardness as CaCO ₃	0.25	U	mg/L as CaCO ₃	0.25	1.0	3/17/2023	7:16 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	2/20/2023	8:22 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	2/22/2023	9:09 AM	EPA 200.8
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	2/20/2023	8:22 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	2/10/2023	2:29 PM	SM 5310 B
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	2/20/2023	8:24 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	2/7/2023	6:37 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	2/7/2023	7:28 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	2/22/2023	9:09 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	2/22/2023	9:09 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

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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	Address: 1500 Monroe St		
Ft Myers FL 33901-2549	Ft Myers, FL 33901		
Phone: (239) 470-0873	Phone: (239) 533-8109		

Sample Collector(s) (please print): MONICA JAEGER
John Barrington/Gary Snorek NICOLE REISTAD

Sample Collector Signature:

Relinquished By: (signature)	Date	Time	Received By: (signature)
	2/6/23	1230	
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, Cl_p, NO2, TSS, T-PO4, Silica, Bod, Bodi	Mug2QT, Entero	#WSMetals, THardC
Preservatives (see codes)					

Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 4.3°C

NP	NPF	S	NP	ST	N
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Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
2/6/23	1035	HendGr01 pH= 7.64 SpCond (mS/cm) = 346160	SW	1	1	2	2	1	1	AF49287
2/6/23	1055	HendGr02 pH= 7.58 SpCond (mS/cm) = 29167	SW	1	1	2	2	1	1	AF49288
2/6/23	945	MullGr01 pH= 7.56 SpCond (mS/cm) = 30796	SW	1	1	2	2	1	1	AF49289
2/6/23	910	MullGr02 pH= 7.51 SpCond (mS/cm) = 30530	SW	1	1	2	2	1	1	AF49290
2/6/23	1155	EBTeb pH= SpCond (mS/cm) =	FB	1	1	2	2	1	1	AF49291

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.