

Laboratory Results

Lee County Environmental Laboratory

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



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

Report Date: 11/16/2023

Below are the results of samples submitted to this laboratory on 10/30/2023

Laboratory ID	AF73366	Collection date and time	10/30/2023 9:20 AM
Location Code	HENDGR01	Sample Collector	JAEGER/GELINAS
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	1.35	I	mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Pheophytin	0.50	U	mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	45.4		%	0.1		10/30/2023	9:20 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	11/8/2023	11:51 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Barium	22.6		µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/8/2023	11:51 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.1	I	mg/L	0.3	1.2	10/31/2023	10:18 AM	SM5210B-2016
Calcium by ICP	207		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Chloride	5130		mg/L	1.60	6.4	11/2/2023	8:21 AM	SM4500CI D-2011
Color	83.2		CU	1.25	5.00	10/31/2023	1:20 PM	SM21 2120 C
Specific Conductance, By Client	23000		µmhos/cm			10/30/2023	9:20 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/7/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.54		mg/L			10/30/2023	9:20 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		10/30/2023	12:24 PM	Enterolert®
Iron by ICP	0.060	I	mg/L	0.050	0.200	11/8/2023	8:44 AM	EPA 200.7
Magnesium by ICP	444		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Manganese	11.1	I	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Molybdenum	5.11	I	µg/L	5.00	20.0	11/8/2023	11:51 AM	EPA 200.8
Ammonia as N	0.021	I	mg/L as N	0.014	0.056	11/3/2023	9:54 AM	EPA 350.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AF73366	Collection date and time	10/30/2023 9:20 AM
Location Code	HENDGR01	Sample Collector	JAEGER/GELINAS
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	11/8/2023	11:51 AM	EPA 200.8
Nitrite as N	0.004	I	mg/L as N	0.003	0.012	10/31/2023	12:50 PM	EPA 353.2
Nitrate as N	0.036	I	mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2
Nitrate + Nitrite as N	0.040		mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2
Nitrogen, Organic	0.92		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN - NH3
Phosphorus, Ortho as P	0.019	I	mg/L as P	0.005	0.020	10/31/2023	12:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
pH, Field (electrometric) by Client	7.46		units			10/30/2023	9:20 AM	FDEP FT1100
Salinity by meter by Client	13.86		SU			10/30/2023	9:20 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.4		meters			10/30/2023	9:20 AM	FDEP FT 1700
Selenium	45.7		µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Field Temperature by client	24.1		°C			10/30/2023	9:20 AM	FDEP FT1400
Total Hardness as CaCO3	2350		mg/L as CaCO3	2.50	10.0	11/8/2023	8:44 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.94		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Nitrogen, Total	0.98		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN + NOX
Total Organic Carbon (NPOC)	15		mg/L	1	4	11/15/2023	10:03 AM	SM5310B-2014
Phosphorus, Total as P	0.048		mg/L as P	0.006	0.024	11/6/2023	8:52 AM	EPA 365.1
Total Suspended Solids	3.15		mg/L	0.6	2.4	10/31/2023	9:42 AM	SM2540D-2015
Turbidity (Nephelometric)	2.38		NTU	0.2	0.8	10/30/2023	12:45 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8

Laboratory ID	AF73367	Collection date and time	10/30/2023 9:35 AM
Location Code	HENDGR02	Sample Collector	JAEGER/GELINAS
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	1.17	I	mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Pheophytin	7.06		mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	27.5		%	0.1		10/30/2023	9:35 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	11/8/2023	11:51 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Barium	27.5		µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/8/2023	11:51 AM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF73367	Collection date and time	10/30/2023 9:35 AM
Location Code	HENDGR02	Sample Collector	JAEGER/GELINAS
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	0.8	I	mg/L	0.3	1.2	10/31/2023	10:18 AM	SM5210B-2016
Calcium by ICP	159		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Chloride	3260		mg/L	1.60	6.4	11/2/2023	8:21 AM	SM4500Cl D-2011
Color	84.0		CU	1.25	5.00	10/31/2023	1:20 PM	SM21 2120 C
Specific Conductance, By Client	12100		µmhos/cm			10/30/2023	9:35 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/7/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.19		mg/L			10/30/2023	9:35 AM	FDEP FT1500
Enterococci	111		MPN/100mL	10		10/30/2023	12:24 PM	Enterolert®
Iron by ICP	0.090	I	mg/L	0.050	0.200	11/8/2023	8:44 AM	EPA 200.7
Magnesium by ICP	234		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Manganese	18.3	I	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	11/8/2023	11:51 AM	EPA 200.8
Ammonia as N	0.057		mg/L as N	0.014	0.056	11/3/2023	9:54 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/8/2023	11:51 AM	EPA 200.8
Nitrite as N	0.008	I	mg/L as N	0.003	0.012	10/31/2023	12:50 PM	EPA 353.2
Nitrate as N	0.071		mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2
Nitrate + Nitrite as N	0.079		mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2
Nitrogen, Organic	0.87		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN - NH3
Phosphorus, Ortho as P	0.025		mg/L as P	0.005	0.020	10/31/2023	12:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
pH, Field (electrometric) by Client	7.49		units			10/30/2023	9:35 AM	FDEP FT1100
Salinity by meter by Client	6.94		SU			10/30/2023	9:35 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters			10/30/2023	9:35 AM	FDEP FT 1700
Selenium	17.9	I	µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Field Temperature by client	24.3		°C			10/30/2023	9:35 AM	FDEP FT1400
Total Hardness as CaCO3	1360		mg/L as CaCO3	2.50	10.0	11/8/2023	8:44 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.93		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Nitrogen, Total	1.0		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN + NOX
Total Organic Carbon (NPOC)	15		mg/L	1	4	11/15/2023	10:03 AM	SM5310B-2014
Phosphorus, Total as P	0.058		mg/L as P	0.006	0.024	11/6/2023	8:52 AM	EPA 365.1
Total Suspended Solids	3.85		mg/L	0.6	2.4	10/31/2023	9:42 AM	SM2540D-2015



Laboratory ID	AF73367	Collection date and time	10/30/2023 9:35 AM
Location Code	HENDGR02	Sample Collector	JAEGER/GELINAS
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	2.59		NTU	0.2	0.8	10/30/2023	12:45 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8

Laboratory ID	AF73368	Collection date and time	10/30/2023 9:00 AM
Location Code	MULLGR01	Sample Collector	JAEGER/GELINAS
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	11/13/2023	7:30 AM	SM10200H-2011
Pheophytin	2.51		mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	58.6		%	0.1		10/30/2023	9:00 AM	FDEP FT1500
Aluminum	52.2	I	µg/L	50.0	200.0	11/8/2023	11:51 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Barium	21.5		µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/8/2023	11:51 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.8	I	mg/L	0.3	1.2	10/31/2023	10:18 AM	SM5210B-2016
Calcium by ICP	243		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Chloride	7620		mg/L	1.60	6.4	11/2/2023	8:21 AM	SM4500CI D-2011
Color	48.5		CU	1.25	5.00	10/31/2023	1:20 PM	SM21 2120 C
Specific Conductance, By Client	26800		µmhos/cm			10/30/2023	9:00 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/7/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.45		mg/L			10/30/2023	9:00 AM	FDEP FT1500
Enterococci	75		MPN/100mL	10		10/30/2023	12:24 PM	Enterolert®
Iron by ICP	0.140	I	mg/L	0.050	0.200	11/8/2023	8:44 AM	EPA 200.7
Magnesium by ICP	561		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Manganese	13.2	I	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Molybdenum	7.04	I	µg/L	5.00	20.0	11/8/2023	11:51 AM	EPA 200.8
Ammonia as N	0.031	I	mg/L as N	0.014	0.056	11/3/2023	9:54 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/8/2023	11:51 AM	EPA 200.8
Nitrite as N	0.004	I	mg/L as N	0.003	0.012	10/31/2023	12:50 PM	EPA 353.2
Nitrate as N	0.046		mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2
Nitrate + Nitrite as N	0.050		mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF73368	Collection date and time	10/30/2023 9:00 AM
Location Code	MULLGR01	Sample Collector	JAEGER/GELINAS
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Organic	1.1		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN - NH3
Phosphorus, Ortho as P	0.009	I	mg/L as P	0.005	0.020	10/31/2023	12:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
pH, Field (electrometric) by Client	7.47		units			10/30/2023	9:00 AM	FDEP FT1100
Salinity by meter by Client	16.43		SU			10/30/2023	9:00 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.3		meters			10/30/2023	9:00 AM	FDEP FT 1700
Selenium	64.9		µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Field Temperature by client	24.6		°C			10/30/2023	9:00 AM	FDEP FT1400
Total Hardness as CaCO3	2920		mg/L as CaCO3	2.50	10.0	11/8/2023	8:44 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Nitrogen, Total	1.2		mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN + NOX
Total Organic Carbon (NPOC)	11		mg/L	1	4	11/15/2023	10:03 AM	SM5310B-2014
Phosphorus, Total as P	0.036		mg/L as P	0.006	0.024	11/6/2023	8:52 AM	EPA 365.1
Total Suspended Solids	6.35		mg/L	0.6	2.4	10/31/2023	9:42 AM	SM2540D-2015
Turbidity (Nephelometric)	2.69		NTU	0.2	0.8	10/30/2023	12:45 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8

Laboratory ID	AF73369	Collection date and time	10/30/2023 8:35 AM
Location Code	MULLGR02	Sample Collector	JAEGER/GELINAS
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.45	I	mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Pheophytin	0.97	I	mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	62.0		%	0.1		10/30/2023	8:35 AM	FDEP FT1500
Aluminum	162	I	µg/L	50.0	200.0	11/8/2023	11:51 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Barium	22.3		µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/8/2023	11:51 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	10/31/2023	10:18 AM	SM5210B-2016
Calcium by ICP	214		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Chloride	6800		mg/L	1.60	6.4	11/2/2023	8:21 AM	SM4500CI D-2011

Report Format: NELAC

DOH #E45049



Laboratory ID	AF73369	Collection date and time	10/30/2023 8:35 AM
Location Code	MULLGR02	Sample Collector	JAEGER/GELINAS
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Color	54.5		CU	1.25	5.00	10/31/2023	1:20 PM	SM21 2120 C
Specific Conductance, By Client	30600		µmhos/cm			10/30/2023	8:35 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/7/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.59		mg/L			10/30/2023	8:35 AM	FDEP FT1500
Enterococci	124		MPN/100mL	10		10/30/2023	12:24 PM	Enterolert®
Iron by ICP	0.380		mg/L	0.050	0.200	11/8/2023	8:44 AM	EPA 200.7
Magnesium by ICP	465		mg/L	2.50	10.00	11/8/2023	8:44 AM	EPA 200.7
Manganese	25.3		µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Molybdenum	5.68	I	µg/L	5.00	20.0	11/8/2023	11:51 AM	EPA 200.8
Ammonia as N	0.048	I	mg/L as N	0.014	0.056	11/3/2023	9:54 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/8/2023	11:51 AM	EPA 200.8
Nitrite as N	0.004	I	mg/L as N	0.003	0.012	10/31/2023	12:50 PM	EPA 353.2
Nitrate as N	0.047		mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2
Nitrate + Nitrite as N	0.051		mg/L as N	0.01	0.04	10/31/2023	12:50 PM	EPA 353.2
Nitrogen, Organic	2.4		mg/L as N	0.10	0.4	11/14/2023	9:03 AM	TKN - NH3
Phosphorus, Ortho as P	0.010	I	mg/L as P	0.005	0.020	10/31/2023	12:34 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
pH, Field (electrometric) by Client	7.37		units			10/30/2023	8:35 AM	FDEP FT1100
Salinity by meter by Client	18.44		SU			10/30/2023	8:35 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters			10/30/2023	8:35 AM	FDEP FT 1700
Selenium	66.4		µg/L	5.0	20	11/8/2023	11:51 AM	EPA 200.8
Field Temperature by client	25.2		°C			10/30/2023	8:35 AM	FDEP FT1400
Total Hardness as CaCO3	2450		mg/L as CaCO3	2.50	10.0	11/8/2023	8:44 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	2.4		mg/L as N	0.10	0.4	11/14/2023	9:03 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/8/2023	11:51 AM	EPA 200.8
Nitrogen, Total	2.5		mg/L as N	0.10	0.4	11/14/2023	9:03 AM	TKN + NOX
Total Organic Carbon (NPOC)	12		mg/L	1	4	11/15/2023	10:03 AM	SM5310B-2014
Phosphorus, Total as P	0.19		mg/L as P	0.006	0.024	11/14/2023	9:05 AM	EPA 365.1
Total Suspended Solids	6.10		mg/L	0.6	2.4	10/31/2023	9:42 AM	SM2540D-2015
Turbidity (Nephelometric)	4.70		NTU	0.2	0.8	10/30/2023	12:45 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/8/2023	11:51 AM	EPA 200.8



Laboratory ID	AF73370	Collection date and time	10/30/2023 11:15 AM
Location Code	EBTEB	Sample Collector	JAEGER/GELINAS
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	11/13/2023	7:30 AM	SM10200H-2011
Pheophytin	0.50	U	mg/M3	0.5	2.0	11/13/2023	7:30 AM	SM10200H-2011
Aluminum	5.0	U	µg/L	5.0	20.0	11/8/2023	11:51 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	11/8/2023	11:51 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	11/8/2023	11:51 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/8/2023	11:51 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	10/31/2023	10:18 AM	SM5210B-2016
Calcium by ICP	0.250	U	mg/L	0.25	1.00	11/8/2023	8:44 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/8/2023	11:51 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	11/2/2023	8:21 AM	SM4500CI D-2011
Color	1.25	U	CU	1.25	5.00	10/31/2023	1:20 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	11/8/2023	11:51 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	11/8/2023	11:51 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/7/2023	7:30 AM	EPA 200.8
Enterococci	1	U	MPN/100mL	1		10/30/2023	12:24 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	11/8/2023	8:44 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	11/8/2023	8:44 AM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	11/8/2023	11:51 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	11/8/2023	11:51 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	11/3/2023	9:54 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/8/2023	11:51 AM	EPA 200.8
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	10/31/2023	12:50 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	11/2/2023	1:52 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	11/2/2023	1:52 PM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	10/31/2023	12:34 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	11/8/2023	11:51 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	11/8/2023	11:51 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	11/8/2023	11:51 AM	EPA 200.8
Total Hardness as CaCO3	0.25	U	mg/L as CaCO3	0.25	1.0	11/8/2023	8:44 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	11/6/2023	8:50 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/8/2023	11:51 AM	EPA 200.8
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	11/6/2023	8:50 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	11/15/2023	10:03 AM	SM5310B-2014
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	11/6/2023	8:52 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	10/31/2023	9:42 AM	SM2540D-2015



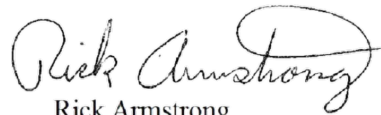
Laboratory ID	AF73370	Collection date and time	10/30/2023 11:15 AM
Location Code	EBTEB	Sample Collector	JAEGER/GELINAS
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	10/30/2023	12:45 PM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	11/8/2023	11:51 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	11/8/2023	11:51 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

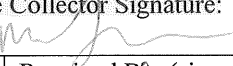
Lab Certification: E45049

LCEL F COC 20150828R1

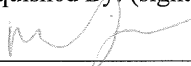
Page 1 of 1

Report/Result Information

Billing/Invoice Information

Name: FDEP - South Distrib List: FDEP-South	Name: DNR 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): Monica Jaeger	Sample Collector Signature: 		

Analyses Required

Relinquished By: (signature) 	Date 10/30/23	Time 11:59	Received By: (signature) 	\$Chloroa, _prep O-PO4, Color, NOx NH3, TKN, TN, NO3, ONIT, TOC Turb, Clp, NO2, TSS, T-PO4, 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: 1.6°C

Preservatives (see codes)

NP NPF S NP ST N

Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
10/30/23	920	HendGr01 pH= 7.46 SpCond (mS/cm) = 22958	SW	1	1	2	2	1	1	AF73366
10/30/23	935	HendGr02 pH= 7.49 SpCond (mS/cm) = 12140	SW	1	1	2	2	1	1	AF73367
10/30/23	900	MullGr01 pH= 7.47 SpCond (mS/cm) = 26812	SW	1	1	2	2	1	1	AF73368
10/30/23	835	MullGr02 pH= 7.37 SpCond (mS/cm) = 30584	SW	1	1	2	2	1	1	AF73369
10/30/23	1115	EBTeb pH= SpCond (mS/cm) =	FB	1	1	2	2	1	1	AF73370

**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.