

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: 5/30/2023

Below are the results of samples submitted to this laboratory on 5/2/2023

Laboratory ID	AF58095	Collection date and time	5/2/2023 9:10 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	3.76		mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Pheophytin	4.06		mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	43.1		%	0.1		5/2/2023	9:10 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	5/17/2023	12:06 PM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	5/17/2023	12:06 PM	EPA 200.8
Barium	29.8		µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/17/2023	12:06 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.1	I	mg/L	0.3	1.2	5/3/2023	10:30 AM	SM 5210 B
Calcium by ICP	595		mg/L	2.50	10.00	5/17/2023	9:33 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/17/2023	12:06 PM	EPA 200.8
Chloride	19700		mg/L	16.00	64.0	5/4/2023	1:38 PM	SM 4500-Cl ⁻ D
Color	97.8		CU	1.25	5.00	5/2/2023	2:26 PM	SM21 2120 C
Specific Conductance, By Client	38937		µmhos/cm			5/2/2023	9:10 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					5/16/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.01		mg/L			5/2/2023	9:10 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/2/2023	12:31 PM	Enterolert®
Iron by ICP	0.110	I	mg/L	0.050	0.200	5/24/2023	9:15 AM	EPA 200.7
Magnesium by ICP	77.8		mg/L	2.50	10.00	5/17/2023	9:33 AM	EPA 200.7
Manganese	48.0		µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Molybdenum	6.28	I	µg/L	5.00	20.0	5/17/2023	12:06 PM	EPA 200.8
Ammonia as N	0.047	I	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AF58095	Collection date and time	5/2/2023 9:10 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	5/17/2023	12:06 PM	EPA 200.8
Nitrite as N	0.008	I	mg/L as N	0.003	0.012	5/2/2023	12:46 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrate + Nitrite as N	0.015	I	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrogen, Organic	1.2		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN - NH3
Phosphorus, Ortho as P	0.057		mg/L as P	0.005	0.020	5/2/2023	2:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
pH, Field (electrometric) by Client	7.53		units			5/2/2023	9:10 AM	FDEP FT1100
Salinity by meter by Client	24.95		SU			5/2/2023	9:10 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters			5/2/2023	9:10 AM	FDEP FT 1700
Selenium	53.2		µg/L	5.0	20	5/17/2023	12:06 PM	EPA 200.8
Field Temperature by client	26.7		°C			5/2/2023	9:10 AM	FDEP FT1400
Total Hardness as CaCO3	1810		mg/L as CaCO3	2.50	10.0	5/17/2023	9:33 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.2		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/17/2023	12:06 PM	EPA 200.8
Nitrogen, Total	1.2		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN + NOX
Total Organic Carbon (NPOC)	18		mg/L	1	4	5/15/2023	1:21 PM	SM 5310 B
Phosphorus, Total as P	0.11		mg/L as P	0.006	0.024	5/9/2023	8:32 AM	EPA 365.1
Total Suspended Solids	3.25		mg/L	0.6	2.4	5/3/2023	7:35 AM	SM 2540 D
Turbidity (Nephelometric)	2.05		NTU	0.2	0.8	5/2/2023	1:39 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8

Laboratory ID	AF58096	Collection date and time	5/2/2023 9:30 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	4.47		mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Pheophytin	10.24		mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	23.0		%	0.1		5/2/2023	9:30 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	5/17/2023	12:06 PM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	5/17/2023	12:06 PM	EPA 200.8
Barium	29.7		µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/17/2023	12:06 PM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF58096	Collection date and time	5/2/2023 9:30 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	1.9		mg/L	0.3	1.2	5/3/2023	10:30 AM	SM 5210 B
Calcium by ICP	2.500	U	mg/L	2.50	10.00	5/17/2023	9:33 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/17/2023	12:06 PM	EPA 200.8
Chloride	8330		mg/L	16.00	64.0	5/4/2023	1:38 PM	SM 4500-Cl ⁻ D
Color	100		CU	1.25	5.00	5/2/2023	2:26 PM	SM21 2120 C
Specific Conductance, By Client	28630		µmhos/cm			5/2/2023	9:30 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					5/16/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	1.68		mg/L			5/2/2023	9:30 AM	FDEP FT1500
Enterococci	20		MPN/100mL	10		5/2/2023	12:31 PM	Enterolert®
Iron by ICP	0.050	U	mg/L	0.050	0.200	5/17/2023	9:33 AM	EPA 200.7
Magnesium by ICP	2.50	U	mg/L	2.50	10.00	5/17/2023	9:33 AM	EPA 200.7
Manganese	54.7		µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	5/17/2023	12:06 PM	EPA 200.8
Ammonia as N	0.018	I	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	5/17/2023	12:06 PM	EPA 200.8
Nitrite as N	0.009	I	mg/L as N	0.003	0.012	5/2/2023	12:46 PM	EPA 353.2
Nitrate as N	0.017	I	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrate + Nitrite as N	0.026	I	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrogen, Organic	1.4		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN - NH3
Phosphorus, Ortho as P	0.070		mg/L as P	0.005	0.020	5/2/2023	2:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
pH, Field (electrometric) by Client	7.43		units			5/2/2023	9:30 AM	FDEP FT1100
Salinity by meter by Client	17.31		SU			5/2/2023	9:30 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters			5/2/2023	9:30 AM	FDEP FT 1700
Selenium	35.5		µg/L	5.0	20	5/17/2023	12:06 PM	EPA 200.8
Field Temperature by client	26.9		°C			5/2/2023	9:30 AM	FDEP FT1400
Total Hardness as CaCO3	0.25	U	mg/L as CaCO3	0.25	1.0	5/17/2023	9:33 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.4		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/17/2023	12:06 PM	EPA 200.8
Nitrogen, Total	1.4		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN + NOX
Total Organic Carbon (NPOC)	17		mg/L	1	4	5/15/2023	1:21 PM	SM 5310 B
Phosphorus, Total as P	0.13		mg/L as P	0.006	0.024	5/9/2023	8:32 AM	EPA 365.1
Total Suspended Solids	3.60		mg/L	0.6	2.4	5/3/2023	7:35 AM	SM 2540 D



Laboratory ID	AF58096	Collection date and time	5/2/2023 9:30 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)	1.93		NTU	0.2	0.8	5/2/2023	1:39 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8

Laboratory ID	AF58097	Collection date and time	5/2/2023 8:45 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	1.47	I	mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Pheophytin	3.48		mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	49.8		%	0.1		5/2/2023	8:45 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	5/17/2023	12:06 PM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	5/17/2023	12:06 PM	EPA 200.8
Barium	22.1		µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/17/2023	12:06 PM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	5/3/2023	10:30 AM	SM 5210 B
Calcium by ICP	619		mg/L	2.50	10.00	5/17/2023	9:33 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/17/2023	12:06 PM	EPA 200.8
Chloride	20500		mg/L	16.00	64.0	5/4/2023	1:38 PM	SM 4500-Cl ⁻ D
Color	51.5		CU	1.25	5.00	5/2/2023	2:26 PM	SM21 2120 C
Specific Conductance, By Client	43382		µmhos/cm			5/2/2023	8:45 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					5/16/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.43		mg/L			5/2/2023	8:45 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/2/2023	12:31 PM	Enterolert®
Iron by ICP	0.190	I	mg/L	0.050	0.200	5/17/2023	9:33 AM	EPA 200.7
Magnesium by ICP	68.9		mg/L	2.50	10.00	5/17/2023	9:33 AM	EPA 200.7
Manganese	28.6		µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
Molybdenum	7.76	I	µg/L	5.00	20.0	5/17/2023	12:06 PM	EPA 200.8
Ammonia as N	0.054	I	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	5/17/2023	12:06 PM	EPA 200.8
Nitrite as N	0.005	I	mg/L as N	0.003	0.012	5/2/2023	12:46 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF58097	Collection date and time	5/2/2023 8:45 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	0.94		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN - NH3
Phosphorus, Ortho as P	0.030		mg/L as P	0.005	0.020	5/2/2023	2:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/17/2023	12:06 PM	EPA 200.8
pH, Field (electrometric) by Client	7.52		units			5/2/2023	8:45 AM	FDEP FT1100
Salinity by meter by Client	27.80		SU			5/2/2023	8:45 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters			5/2/2023	8:45 AM	FDEP FT 1700
Selenium	56.2		µg/L	5.0	20	5/17/2023	12:06 PM	EPA 200.8
Field Temperature by client	26.4		°C			5/2/2023	8:45 AM	FDEP FT1400
Total Hardness as CaCO3	1830		mg/L as CaCO3	2.50	10.0	5/17/2023	9:33 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.99		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/17/2023	12:06 PM	EPA 200.8
Nitrogen, Total	0.99		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN + NOX
Total Organic Carbon (NPOC)	12		mg/L	1	4	5/15/2023	1:21 PM	SM 5310 B
Phosphorus, Total as P	0.073		mg/L as P	0.006	0.024	5/9/2023	8:32 AM	EPA 365.1
Total Suspended Solids	6.30		mg/L	0.6	2.4	5/3/2023	7:35 AM	SM 2540 D
Turbidity (Nephelometric)	4.49		NTU	0.2	0.8	5/2/2023	1:39 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	5/17/2023	12:06 PM	EPA 200.8

Laboratory ID	AF58098	Collection date and time	5/2/2023 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	2.56		mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Pheophytin	1.06	I	mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	45.7		%	0.1		5/2/2023	8:20 AM	FDEP FT1500
Aluminum	381		µg/L	50.0	200.0	5/17/2023	10:00 AM	EPA 200.8
Arsenic	20.6		µg/L	5.0	20	5/17/2023	10:00 AM	EPA 200.8
Barium	228		µg/L	5.0	20.0	5/17/2023	10:00 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	5/17/2023	10:00 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	5/3/2023	10:30 AM	SM 5210 B
Calcium by ICP	275		mg/L	2.50	10.00	5/19/2023	9:08 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	5/17/2023	10:00 AM	EPA 200.8
Chloride	11400		mg/L	32.00	128.0	5/4/2023	1:38 PM	SM 4500-Cl ⁻ D

Report Format: NELAC

DOH #E45049



Laboratory ID	AF58098	Collection date and time	5/2/2023 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	50.5		CU	1.25	5.00	5/2/2023	2:26 PM	SM21 2120 C
Specific Conductance, By Client	33583		µmhos/cm			5/2/2023	8:20 AM	FDEP FT1200
Chromium	7.05	I	µg/L	5.0	20.0	5/17/2023	10:00 AM	EPA 200.8
Copper	6.09	I	µg/L	5.0	20.0	5/17/2023	10:00 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					5/16/2023	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.25		mg/L			5/2/2023	8:20 AM	FDEP FT1500
Enterococci	31	J3	MPN/100mL	10		5/2/2023	12:31 PM	Enterolert®
Iron by ICP	0.170	I	mg/L	0.050	0.200	5/19/2023	9:08 AM	EPA 200.7
Magnesium by ICP	670		mg/L	2.50	10.00	5/19/2023	9:08 AM	EPA 200.7
Manganese	197		µg/L	5.0	20.0	5/17/2023	10:00 AM	EPA 200.8
Molybdenum	42.9		µg/L	5.00	20.0	5/17/2023	10:00 AM	EPA 200.8
Ammonia as N	0.102		mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	5/17/2023	10:00 AM	EPA 200.8
Nitrite as N	0.007	I	mg/L as N	0.003	0.012	5/2/2023	12:46 PM	EPA 353.2
Nitrate as N	0.015	I	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrate + Nitrite as N	0.022	I	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrogen, Organic	1.2		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN - NH3
Phosphorus, Ortho as P	0.027		mg/L as P	0.005	0.020	5/2/2023	2:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	5/17/2023	10:00 AM	EPA 200.8
pH, Field (electrometric) by Client	7.20		units			5/2/2023	8:20 AM	FDEP FT1100
Salinity by meter by Client	21.20		SU			5/2/2023	8:20 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	5/17/2023	10:00 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9		meters			5/2/2023	8:20 AM	FDEP FT 1700
Selenium	17.8	I	µg/L	5.0	20	5/17/2023	10:00 AM	EPA 200.8
Field Temperature by client	26.8		°C			5/2/2023	8:20 AM	FDEP FT1400
Total Hardness as CaCO3	3450		mg/L as CaCO3	2.50	10.0	5/19/2023	9:08 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.3		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	5/17/2023	10:00 AM	EPA 200.8
Nitrogen, Total	1.3		mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN + NOX
Total Organic Carbon (NPOC)	11		mg/L	1	4	5/15/2023	1:21 PM	SM 5310 B
Phosphorus, Total as P	0.064		mg/L as P	0.006	0.024	5/9/2023	8:32 AM	EPA 365.1
Total Suspended Solids	4.40		mg/L	0.6	2.4	5/3/2023	7:35 AM	SM 2540 D
Turbidity (Nephelometric)	2.42		NTU	0.2	0.8	5/2/2023	1:39 PM	EPA 180.1
Vanadium	42.0		µg/L	10.0	40.0	5/17/2023	10:00 AM	EPA 200.8
Zinc	49.8		µg/L	10.0	40.0	5/17/2023	10:00 AM	EPA 200.8



Laboratory ID	AF58099	Collection date and time	5/2/2023 10:20 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	5/4/2023	7:30 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	5/4/2023	7:30 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	5/17/2023	10:00 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	5/17/2023	10:00 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	5/17/2023	10:00 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	5/17/2023	10:00 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	5/3/2023	10:30 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	5/19/2023	9:08 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	5/17/2023	10:00 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	5/9/2023	2:14 PM	SM 4500-Cl ⁻ D
Color	1.25	U	CU	1.25	5.00	5/2/2023	2:26 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	5/17/2023	10:00 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	5/17/2023	10:00 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					5/16/2023	7:30 AM	EPA 200.8
Enterococci	10	U	MPN/100mL	10		5/2/2023	12:31 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	5/19/2023	9:08 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	5/19/2023	9:08 AM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	5/17/2023	10:00 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	5/17/2023	10:00 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	5/17/2023	10:00 AM	EPA 200.8
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	5/2/2023	12:46 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/2/2023	12:46 PM	EPA 353.2
Nitrogen, Organic	0.1000	U	mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	5/2/2023	2:37 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	5/17/2023	10:00 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	5/17/2023	10:00 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	5/17/2023	10:00 AM	EPA 200.8
Total Hardness as CaCO3	0.25	U	mg/L as CaCO3	0.25	1.0	5/19/2023	9:08 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	5/9/2023	8:30 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	5/17/2023	10:00 AM	EPA 200.8
Nitrogen, Total	0.1000	U	mg/L as N	0.10	0.4	5/9/2023	8:30 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	5/15/2023	1:21 PM	SM 5310 B
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	5/9/2023	8:32 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	5/3/2023	7:35 AM	SM 2540 D



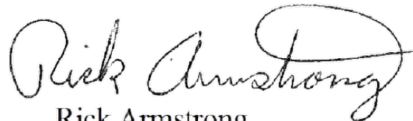
Laboratory ID	AF58099	Collection date and time	5/2/2023 10:20 AM
Location Code	EBTEB	Sample Collector	MONICA JAEGER
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	5/2/2023	1:39 PM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	5/17/2023	10:00 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	5/17/2023	10:00 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).
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy.
- 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



DEP/Lee Co Estero Bay Water Quality Monitoring

Monitor(s): Monica Jaeger/Nicole Reistad

Date: 5/2/23

Site ID	Site Description	Date	Time	YSI						Weather					Site Comments
				Temp C	Salinity (ppt)	DO (mg/L)	%DO SAT	pH	Spec Cond (mS/cm)	Wind Dir	Wind Speed	Seas	Cloud Cover %	Weather Comments	
HENDGR01	Hendry Creek under power lines, N 26 29' 15.4" W 81 52' 55.8"	5/2/23	910	26.7	24.95	3.01	43.1	7.53	38937	N	0-4	calm	1-25	Sunny	Secchi: 1.1 m Total Depth: 1.9 m
HENDGR02	Hendry Cr. can see 1st house N 26 30' 47.9" W 81 52' 46.1"	5/2/23	930	26.9	17.31	1.68	23.0	7.43	28630	N	0-4	calm	1-25	Sunny	Secchi: 1.1 m Total Depth: 1.2 m
MULLGR01	Mullock Cr. Y near marker 22 N 26 27' 53.0 W 81 51' 56.8"	5/2/23	845	26.4	27.80	3.43	49.8	7.52	427 4382	N	calm	calm	1-25	Sunny	Secchi: 1.0 m Total Depth: 1.2 m
MULLGR02	Mullock Creek; marker 55 N 26 28' 14.1" W 81 51' 21.3"	5/2/23	820	26.8	26.20	3.25	45.7	7.20	33583	N	calm	calm	1-25	Sunny	Secchi: 0.9 m Total Depth: 0.9 m
IMPRGR01	Imperial R house w/3 arches N 26 20' 12.4" W 81 50' 2.0"														
FCEB_1	FCEB (Equipment Blank)	5/2/23	1020							Wind Dir: N / NE / NW / S / SE / SW / E / W Wind Speed: Calm / 0-4 / 5-10 / 11-15 / 16-20 / >20 Seas: Calm / R / LC / MD / HC Cloud Cover %: 0 / 1-25 / 26-50 / 51-75 / 76-99 / 100					

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

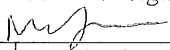
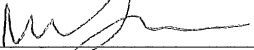
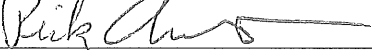
Lab Certification: E45049
LCEL F COC 20150828R1

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information

Billing/Invoice Information

Page 1 of 1

Name: FDEP - South Distrib List: FDEP-South		Name: DNRM 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: 									
Relinquished By: (signature) 	Date 5/2/23	Time 10:55	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: 2.3				Analyses Required							
				Preservatives (see codes)							
				NP	NPF	S	NP	ST	N		
Collection Date	Time	Sample Description & Location		Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
5/2/23	910	HendGr01 pH= 7.53 SpCond (mS/cm) = 38937		SW	1	1	2	2	1	1	AF58095
5/2/23	930	HendGr02 pH= 7.43 SpCond (mS/cm) = 328030		SW	1	1	2	2	1	1	AF58096
5/2/23	845	MullGr01 pH= 7.52 SpCond (mS/cm) = 43382		SW	1	1	2	2	1	1	AF58097
5/2/23	820	MullGr02 pH= 7.20 SpCond (mS/cm) = 33583		SW	1	1	2	2	1	1	AF58098
5/2/23	1020	EBTeb pH= SpCond (mS/cm) =		FB	1	1	2	2	1	1	AF58099

**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.