

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: 2/15/2024

Below are the results of samples submitted to this laboratory on 1/31/2024

Laboratory ID	AF81410	Collection date and time	1/31/2024 10:55 AM
Location Code	HENDGR01	Sample Collector	JAEGER/BELINAS/ATKINSON
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	0.50	U	mg/M3	0.5	2.0	2/12/2024	7:22 AM	SM10200H-2011
Pheophytin	7.37		mg/M3	0.5	2.0	2/12/2024	7:22 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	100.1		%	0.1		1/31/2024	10:55 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	2/6/2024	9:32 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Barium	22.7		µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/6/2024	9:32 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.6		mg/L	0.3	1.2	2/1/2024	9:46 AM	SM5210B-2016
Calcium by ICP	182		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Chloride	4810		mg/L	16.00	64.0	2/2/2024	7:26 AM	SM4500CI D-2011
Color	52.5		CU	1.25	5.00	2/2/2024	7:05 AM	SM21 2120 C
Specific Conductance, By Client	15300		µmhos/cm			1/31/2024	10:55 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/5/2024	9:52 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	8.70		mg/L			1/31/2024	10:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		1/31/2024	1:26 PM	Enterolert®
Iron by ICP	0.050	I	mg/L	0.050	0.200	2/6/2024	11:47 AM	EPA 200.7
Magnesium by ICP	318		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Manganese	8.17	I	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Molybdenum	5.32	I	µg/L	5.00	20.0	2/6/2024	9:32 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	2/2/2024	10:35 AM	EPA 350.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AF81410	Collection date and time	1/31/2024 10:55 AM
Location Code	HENDGR01	Sample Collector	JAEGER/BELINAS/ATKINSON
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	2/6/2024	9:32 AM	EPA 200.8
Nitrite as N	0.003	I	mg/L as N	0.003	0.012	2/1/2024	2:20 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrogen, Organic	0.77		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN - NH3
Phosphorus, Ortho as P	0.012	I	mg/L as P	0.005	0.020	2/1/2024	1:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
pH, Field (electrometric) by Client	7.85		units			1/31/2024	10:55 AM	FDEP FT1100
Salinity by meter by Client	8.97		SU			1/31/2024	10:55 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.2		meters			1/31/2024	10:55 AM	FDEP FT 1700
Selenium	28.2		µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Field Temperature by client	19.6		°C			1/31/2024	10:55 AM	FDEP FT1400
Total Hardness as CaCO3	1760		mg/L as CaCO3	2.50	10.0	2/6/2024	11:47 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.77		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Nitrogen, Total	0.77		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN + NOX
Total Organic Carbon (NPOC)	12		mg/L	1	4	2/1/2024	3:44 PM	SM5310B-2014
Phosphorus, Total as P	0.038		mg/L as P	0.006	0.024	2/7/2024	7:14 AM	EPA 365.1
Total Suspended Solids	3.70		mg/L	0.6	2.4	2/1/2024	8:53 AM	SM2540D-2015
Turbidity (Nephelometric)	2.14		NTU	0.2	0.8	2/1/2024	12:48 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8

Laboratory ID	AF81411	Collection date and time	1/31/2024 11:10 AM
Location Code	HENDGR02	Sample Collector	JAEGER/BELINAS/ATKINSON
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	11.64		mg/M3	0.5	2.0	2/12/2024	7:22 AM	SM10200H-2011
Pheophytin	0.65	I	mg/M3	0.5	2.0	2/12/2024	7:22 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	80.6		%	0.1		1/31/2024	11:10 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	2/6/2024	9:32 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Barium	25.0		µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/6/2024	9:32 AM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF81411	Collection date and time	1/31/2024 11:10 AM
Location Code	HENDGR02	Sample Collector	JAEGER/BELINAS/ATKINSON
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	1.4		mg/L	0.3	1.2	2/1/2024	9:46 AM	SM5210B-2016
Calcium by ICP	131		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Chloride	1750		mg/L	32.00	128.0	2/2/2024	7:26 AM	SM4500CI D-2011
Color	50.5		CU	1.25	5.00	2/2/2024	7:05 AM	SM21 2120 C
Specific Conductance, By Client	8600		µmhos/cm			1/31/2024	11:10 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/5/2024	9:52 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	7.33		mg/L			1/31/2024	11:10 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		1/31/2024	1:26 PM	Enterolert®
Iron by ICP	0.070	I	mg/L	0.050	0.200	2/6/2024	11:47 AM	EPA 200.7
Magnesium by ICP	120		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Manganese	11.2	I	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	2/6/2024	9:32 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	2/2/2024	10:35 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/6/2024	9:32 AM	EPA 200.8
Nitrite as N	0.012		mg/L as N	0.003	0.012	2/1/2024	2:20 PM	EPA 353.2
Nitrate as N	0.056	V1	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrate + Nitrite as N	0.068	V1	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrogen, Organic	0.93		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN - NH3
Phosphorus, Ortho as P	0.008	I	mg/L as P	0.005	0.020	2/1/2024	1:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
pH, Field (electrometric) by Client	7.86		units			1/31/2024	11:10 AM	FDEP FT1100
Salinity by meter by Client	4.86		SU			1/31/2024	11:10 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9		meters			1/31/2024	11:10 AM	FDEP FT 1700
Selenium	9.35	I	µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Field Temperature by client	18.8		°C			1/31/2024	11:10 AM	FDEP FT1400
Total Hardness as CaCO3	820		mg/L as CaCO3	2.50	10.0	2/6/2024	11:47 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.93		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Nitrogen, Total	1.00	V1	mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN + NOX
Total Organic Carbon (NPOC)	11		mg/L	1	4	2/1/2024	3:44 PM	SM5310B-2014
Phosphorus, Total as P	0.043		mg/L as P	0.006	0.024	2/7/2024	7:14 AM	EPA 365.1
Total Suspended Solids	3.10		mg/L	0.6	2.4	2/1/2024	8:53 AM	SM2540D-2015



Laboratory ID	AF81411	Collection date and time	1/31/2024 11:10 AM
Location Code	HENDGR02	Sample Collector	JAEGER/BELINAS/ATKINSON
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	3.78		NTU	0.2	0.8	2/1/2024	12:48 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8

Laboratory ID	AF81412	Collection date and time	1/31/2024 10:30 AM
Location Code	MULLGR01	Sample Collector	JAEGER/BELINAS/ATKINSON
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	1.02	I	mg/M3	0.5	2.0	2/8/2024	7:26 AM	SM10200H-2011
Pheophytin	2.95		mg/M3	0.5	2.0	2/8/2024	7:26 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	88.9		%	0.1		1/31/2024	10:30 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	2/6/2024	9:32 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Barium	22.9		µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/6/2024	9:32 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.8	I	mg/L	0.3	1.2	2/1/2024	9:46 AM	SM5210B-2016
Calcium by ICP	138		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Chloride	2810		mg/L	16.00	64.0	2/2/2024	7:26 AM	SM4500CI D-2011
Color	44.4		CU	1.25	5.00	2/2/2024	7:05 AM	SM21 2120 C
Specific Conductance, By Client	9700		µmhos/cm			1/31/2024	10:30 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/5/2024	9:52 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	7.89		mg/L			1/31/2024	10:30 AM	FDEP FT1500
Enterococci	20		MPN/100mL	10		1/31/2024	1:26 PM	Enterolert®
Iron by ICP	0.170	I	mg/L	0.050	0.200	2/6/2024	11:47 AM	EPA 200.7
Magnesium by ICP	186		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Manganese	7.46	I	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Molybdenum	5.40	I	µg/L	5.00	20.0	2/6/2024	9:32 AM	EPA 200.8
Ammonia as N	0.039	I	mg/L as N	0.014	0.056	2/2/2024	10:35 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/6/2024	9:32 AM	EPA 200.8
Nitrite as N	0.005	I	mg/L as N	0.003	0.012	2/1/2024	2:20 PM	EPA 353.2
Nitrate as N	0.069	V1	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrate + Nitrite as N	0.074	V1	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF81412	Collection date and time	1/31/2024 10:30 AM
Location Code	MULLGR01	Sample Collector	JAEGER/BELINAS/ATKINSON
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Organic	0.58		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN - NH3
Phosphorus, Ortho as P	0.008	I	mg/L as P	0.005	0.020	2/1/2024	1:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
pH, Field (electrometric) by Client	7.55		units			1/31/2024	10:30 AM	FDEP FT1100
Salinity by meter by Client	5.49		SU			1/31/2024	10:30 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters			1/31/2024	10:30 AM	FDEP FT 1700
Selenium	20.1		µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Field Temperature by client	19.5		°C			1/31/2024	10:30 AM	FDEP FT1400
Total Hardness as CaCO3	1110		mg/L as CaCO3	2.50	10.0	2/6/2024	11:47 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.62		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Nitrogen, Total	0.69	V1	mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN + NOX
Total Organic Carbon (NPOC)	10		mg/L	1	4	2/1/2024	3:44 PM	SM5310B-2014
Phosphorus, Total as P	0.023	I	mg/L as P	0.006	0.024	2/7/2024	7:14 AM	EPA 365.1
Total Suspended Solids	2.25	I	mg/L	0.6	2.4	2/1/2024	8:53 AM	SM2540D-2015
Turbidity (Nephelometric)	3.16		NTU	0.2	0.8	2/1/2024	12:48 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8

Laboratory ID	AF81413	Collection date and time	1/31/2024 10:10 AM
Location Code	MULLGR02	Sample Collector	JAEGER/BELINAS/ATKINSON
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	2/8/2024	7:26 AM	SM10200H-2011
Pheophytin	5.45		mg/M3	0.5	2.0	2/8/2024	7:26 AM	SM10200H-2011
Dissolved Oxygen % Saturation by Client	85.3		%	0.1		1/31/2024	10:10 AM	FDEP FT1500
Aluminum	50.0	U	µg/L	50.0	200.0	2/6/2024	9:32 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Barium	20.4		µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	2/6/2024	9:32 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.8	I	mg/L	0.3	1.2	2/1/2024	9:46 AM	SM5210B-2016
Calcium by ICP	118		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Chloride	1860		mg/L	16.00	64.0	2/2/2024	7:26 AM	SM4500CI D-2011

Report Format: NELAC

DOH #E45049



Laboratory ID	AF81413	Collection date and time	1/31/2024 10:10 AM
Location Code	MULLGR02	Sample Collector	JAEGER/BELINAS/ATKINSON
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Color	45.6		CU	1.25	5.00	2/2/2024	7:05 AM	SM21 2120 C
Specific Conductance, By Client	7000		µmhos/cm			1/31/2024	10:10 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/5/2024	9:52 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	7.64		mg/L			1/31/2024	10:10 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		1/31/2024	1:26 PM	Enterolert®
Iron by ICP	0.180	I	mg/L	0.050	0.200	2/6/2024	11:47 AM	EPA 200.7
Magnesium by ICP	121		mg/L	2.50	10.00	2/6/2024	11:47 AM	EPA 200.7
Manganese	7.89	I	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	2/6/2024	9:32 AM	EPA 200.8
Ammonia as N	0.049	I	mg/L as N	0.014	0.056	2/2/2024	10:35 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	2/6/2024	9:32 AM	EPA 200.8
Nitrite as N	0.006	I	mg/L as N	0.003	0.012	2/1/2024	2:20 PM	EPA 353.2
Nitrate as N	0.068	V1	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrate + Nitrite as N	0.074	V1	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrogen, Organic	0.55		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN - NH3
Phosphorus, Ortho as P	0.008	I	mg/L as P	0.005	0.020	2/1/2024	1:23 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
pH, Field (electrometric) by Client	6.63		units			1/31/2024	10:10 AM	FDEP FT1100
Salinity by meter by Client	3.88		SU			1/31/2024	10:10 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.4		meters			1/31/2024	10:10 AM	FDEP FT 1700
Selenium	8.89	I	µg/L	5.0	20	2/6/2024	9:32 AM	EPA 200.8
Field Temperature by client	19.8		°C			1/31/2024	10:10 AM	FDEP FT1400
Total Hardness as CaCO3	794		mg/L as CaCO3	2.50	10.0	2/6/2024	11:47 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.60		mg/L as N	0.10	0.4	2/7/2024	7:08 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	2/6/2024	9:32 AM	EPA 200.8
Nitrogen, Total	0.67	V1	mg/L as N	0.10	0.4	2/7/2024	7:08 AM	TKN + NOX
Total Organic Carbon (NPOC)	11		mg/L	1	4	2/1/2024	3:44 PM	SM5310B-2014
Phosphorus, Total as P	0.025		mg/L as P	0.006	0.024	2/7/2024	7:14 AM	EPA 365.1
Total Suspended Solids	1.80	I	mg/L	0.6	2.4	2/1/2024	8:53 AM	SM2540D-2015
Turbidity (Nephelometric)	1.98		NTU	0.2	0.8	2/1/2024	12:48 PM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	2/6/2024	9:32 AM	EPA 200.8



Laboratory ID	AF81414	Collection date and time	1/31/2024 12:10 PM
Location Code	EBTEB	Sample Collector	JAEGER/BELINAS/ATKINSON
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	2/12/2024	7:22 AM	SM10200H-2011
Pheophytin	0.50	U	mg/M3	0.5	2.0	2/12/2024	7:22 AM	SM10200H-2011
Aluminum	5.0	U	µg/L	5.0	20.0	2/6/2024	9:32 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	2/6/2024	9:32 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	2/6/2024	9:32 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	2/6/2024	9:32 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	2/1/2024	9:46 AM	SM5210B-2016
Calcium by ICP	0.250	U	mg/L	0.25	1.00	2/6/2024	11:47 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	2/6/2024	9:32 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	2/2/2024	7:26 AM	SM4500CI D-2011
Color	1.25	U	CU	1.25	5.00	2/2/2024	7:05 AM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	2/6/2024	9:32 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	2/6/2024	9:32 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					2/5/2024	9:52 AM	EPA 200.8
Enterococci	1	U	MPN/100mL	1		1/31/2024	1:26 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	2/6/2024	11:47 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	2/6/2024	11:47 AM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	2/6/2024	9:32 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	2/6/2024	9:32 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	2/2/2024	10:35 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	2/6/2024	9:32 AM	EPA 200.8
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	2/1/2024	2:20 PM	EPA 353.2
Nitrate as N	0.016	I	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrate + Nitrite as N	0.016	I	mg/L as N	0.01	0.04	2/1/2024	2:20 PM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	2/13/2024	8:56 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	2/1/2024	1:23 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	2/6/2024	9:32 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	2/6/2024	9:32 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	2/6/2024	9:32 AM	EPA 200.8
Total Hardness as CaCO3	0.25	U	mg/L as CaCO3	0.25	1.0	2/6/2024	11:47 AM	SM2340B-2011
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	2/13/2024	8:56 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	2/6/2024	9:32 AM	EPA 200.8
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	2/13/2024	8:56 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	2/1/2024	3:44 PM	SM5310B-2014
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	2/7/2024	7:14 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	2/1/2024	8:53 AM	SM2540D-2015



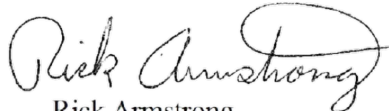
Laboratory ID	AF81414	Collection date and time	1/31/2024 12:10 PM
Location Code	EBTEB	Sample Collector	JAEGER/BELINAS/ATKINSON
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	2/1/2024	12:48 PM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	2/6/2024	9:32 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	2/6/2024	9:32 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.
- V1 Indicates that the analyte was detected in both the sample and associated field blank at a level of <5X the blank value.

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			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			Analyses Required <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">\$Chloroa, _prep</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">O-PO4, Color, NOx</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">NH3, TKN, TN, NO3, ONIT, TOC</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Turb, Cl p, NO2, TSS, T-PO4, Bod, Bodi</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Mug2QT, Entero</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">#WSMetals, THardC</td> <td colspan="6"></td> </tr> <tr> <td colspan="6">Preservatives (see codes)</td> </tr> <tr> <td>NP</td> <td>NPF</td> <td>S</td> <td>NP</td> <td>ST</td> <td>N</td> </tr> </table>						\$Chloroa, _prep	O-PO4, Color, NOx	NH3, TKN, TN, NO3, ONIT, TOC	Turb, Cl p, NO2, TSS, T-PO4, Bod, Bodi	Mug2QT, Entero	#WSMetals, THardC							Preservatives (see codes)						NP	NPF	S	NP	ST	N
\$Chloroa, _prep	O-PO4, Color, NOx	NH3, TKN, TN, NO3, ONIT, TOC	Turb, Cl p, NO2, TSS, T-PO4, Bod, Bodi	Mug2QT, Entero	#WSMetals, THardC																														
																		Preservatives (see codes)																	
												NP	NPF	S	NP	ST	N																		
Sample Collector(s) (please print): Monica Jaeger			Sample Collector Signature:																																
Relinquished By: (signature) <i>Monica Jaeger</i>		Date 1/31/24	Time 1318	Received By: (signature) <i>MP</i>																															
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: 2.9°C																																			
Collection Date Time		Sample Description & Location			Matrix (see codes)	# of Sample Containers Submitted					Lab ID #																								
1/31/24 1055		HendGr01 pH= 7.85 SpCond (mS/cm) = 15325			SW	1	1	2	2	1	1	AF81410																							
1/31/24 1110		HendGr02 pH= 7.86 SpCond (mS/cm) = 8040			SW	1	1	2	2	1	1	AF81411																							
1/31/24 1030		MullGr01 pH= 7.55 SpCond (mS/cm) = 9726			SW	1	1	2	2	1	1	AF81412																							
1/31/24 1010		MullGr02 pH= 6.63 SpCond (mS/cm) = 6973			SW	1	1	2	2	1	1	AF81413																							
1/31/24 1210		EBTeb pH= SpCond (mS/cm) =			FB	1	1	2	2	1	1	AF81414																							

**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.