

Laboratory Results

Lee County Environmental Laboratory

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Report Date: 12/7/2022

Below are the results of samples submitted to this laboratory on 11/15/2022

Laboratory ID	AF42249	Collection date and time	11/15/2022 11:55 AM
Location Code	HENDGR01	Sample Collector	REIDSTAD/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	4.04		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Pheophytin	7.76		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	11/29/2022	9:34 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Barium	22.3		µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/29/2022	9:34 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	2.7		mg/L	0.3	1.2	11/16/2022	9:16 AM	SM 5210 B
Calcium by ICP	181		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Chloride	1530		mg/L	1.60	6.4	11/16/2022	1:07 PM	SM 4500-Cl ⁻ D
Color	118		CU	1.25	5.00	11/16/2022	2:49 PM	SM21 2120 C
Specific Conductance, By Client	18600		µmhos/cm			11/15/2022	11:55 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/28/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.09		mg/L			11/15/2022	11:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		11/15/2022	2:24 PM	Enterolert®
Iron by ICP	0.110	I	mg/L	0.050	0.200	11/29/2022	12:16 PM	EPA 200.7
Magnesium by ICP	337		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Manganese	67.0		µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	11/29/2022	9:34 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	11/17/2022	9:14 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/29/2022	9:34 AM	EPA 200.8

Report Format: NELAC

DOH #E45049



Laboratory ID	AF42249	Collection date and time	11/15/2022 11:55 AM
Location Code	HENDGR01	Sample Collector	REIDSTAD/JAEGER
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrite as N	0.005	I	mg/L as N	0.003	0.012	11/16/2022	12:53 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrogen, Organic	1.1		mg/L as N	0.10	0.4	11/22/2022	9:02 AM	TKN - NH3
Phosphorus, Ortho as P	0.054		mg/L as P	0.005	0.020	11/16/2022	3:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
pH, Field (electrometric) by Client	7.47		units			11/15/2022	11:55 AM	FDEP FT1100
Salinity by meter by Client	11.01		SU			11/15/2022	11:55 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.6		meters			11/15/2022	11:55 AM	FDEP FT 1700
Selenium	37.5		µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Silica, dissolved as SiO2	8.6		mg/L as SiO2	0.1	0.4	11/16/2022	2:09 PM	SM4500-SiO2 C
Field Temperature by client	25.6		°C			11/15/2022	11:55 AM	FDEP FT1400
Total Hardness as CaCO3	1840		mg/L as CaCO3	2.50	10.0	11/29/2022	12:16 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.10	0.4	11/22/2022	9:02 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Nitrogen, Total	1.1		mg/L as N	0.10	0.4	11/22/2022	9:02 AM	TKN + NOX
Total Organic Carbon (NPOC)	16		mg/L	1	4	12/1/2022	1:45 PM	SM 5310 B
Phosphorus, Total as P	0.12		mg/L as P	0.006	0.024	11/22/2022	9:04 AM	EPA 365.1
Total Suspended Solids	4.80		mg/L	0.6	2.4	11/16/2022	9:45 AM	SM 2540 D
Turbidity (Nephelometric)	2.76		NTU	0.2	0.8	11/16/2022	6:40 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8

Laboratory ID	AF42250	Collection date and time	11/15/2022 12:20 PM
Location Code	HENDGR02	Sample Collector	REIDSTAD/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	3.67		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Pheophytin	9.14		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	11/29/2022	9:34 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Barium	36.7		µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/29/2022	9:34 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	4.0	R1	mg/L	0.3	1.2	11/16/2022	9:16 AM	SM 5210 B

Report Format: NELAC

DOH #E45049



Laboratory ID	AF42250	Collection date and time	11/15/2022 12:20 PM
Location Code	HENDGR02	Sample Collector	REIDSTAD/JAEGER
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Calcium by ICP	148		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Chloride	3000		mg/L	1.60	6.4	11/16/2022	1:07 PM	SM 4500-Cl ⁻ D
Color	104		CU	1.25	5.00	11/16/2022	2:49 PM	SM21 2120 C
Specific Conductance, By Client	11100		µmhos/cm			11/15/2022	12:20 PM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/28/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.54		mg/L			11/15/2022	12:20 PM	FDEP FT1500
Enterococci	53		MPN/100mL	10		11/15/2022	2:24 PM	Enterolert®
Iron by ICP	0.140	I	mg/L	0.050	0.200	11/29/2022	12:16 PM	EPA 200.7
Magnesium by ICP	207		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Manganese	71.4		µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	11/29/2022	9:34 AM	EPA 200.8
Ammonia as N	0.078		mg/L as N	0.014	0.056	11/17/2022	9:14 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/29/2022	9:34 AM	EPA 200.8
Nitrite as N	0.015		mg/L as N	0.003	0.012	11/16/2022	12:53 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrate + Nitrite as N	0.023	V1 I	mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrogen, Organic	0.90		mg/L as N	0.10	0.4	11/22/2022	9:02 AM	TKN - NH3
Phosphorus, Ortho as P	0.034		mg/L as P	0.005	0.020	11/16/2022	3:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
pH, Field (electrometric) by Client	7.49		units			11/15/2022	12:20 PM	FDEP FT1100
Salinity by meter by Client	6.29		SU			11/15/2022	12:20 PM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.6		meters			11/15/2022	12:20 PM	FDEP FT 1700
Selenium	22.3		µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Silica, dissolved as SiO2	8.1		mg/L as SiO2	0.1	0.4	11/16/2022	2:09 PM	SM4500-SiO2 C
Field Temperature by client	25.8		°C			11/15/2022	12:20 PM	FDEP FT1400
Total Hardness as CaCO3	1220		mg/L as CaCO3	2.50	10.0	11/29/2022	12:16 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.98		mg/L as N	0.10	0.4	11/22/2022	9:02 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Nitrogen, Total	1.0	V1	mg/L as N	0.10	0.4	11/22/2022	9:02 AM	TKN + NOX
Total Organic Carbon (NPOC)	14		mg/L	1	4	12/1/2022	1:45 PM	SM 5310 B
Phosphorus, Total as P	0.11		mg/L as P	0.006	0.024	11/22/2022	9:04 AM	EPA 365.1
Total Suspended Solids	6.00		mg/L	0.6	2.4	11/16/2022	9:45 AM	SM 2540 D



Laboratory ID	AF42250	Collection date and time	11/15/2022 12:20 PM
Location Code	HENDGR02	Sample Collector	REIDSTAD/JAEGER
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	3.75		NTU	0.2	0.8	11/16/2022	6:40 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8

Laboratory ID	AF42251	Collection date and time	11/15/2022 11:25 AM
Location Code	MULLGR01	Sample Collector	REIDSTAD/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	3.82		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Pheophytin	4.81		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	11/29/2022	9:34 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Barium	18.8	I	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/29/2022	9:34 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.7	V1	mg/L	0.3	1.2	11/16/2022	9:16 AM	SM 5210 B
Calcium by ICP	94.7		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Chloride	1570		mg/L	1.60	6.4	11/16/2022	1:07 PM	SM 4500-Cl ⁻ D
Color	62.6		CU	1.25	5.00	11/16/2022	2:49 PM	SM21 2120 C
Specific Conductance, By Client	5700		µmhos/cm			11/15/2022	11:25 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/28/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.17		mg/L			11/15/2022	11:25 AM	FDEP FT1500
Enterococci	10		MPN/100mL	10		11/15/2022	2:24 PM	Enterolert®
Iron by ICP	0.240		mg/L	0.050	0.200	11/29/2022	12:16 PM	EPA 200.7
Magnesium by ICP	96.9		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Manganese	16.7	I	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	11/29/2022	9:34 AM	EPA 200.8
Ammonia as N	0.022	I	mg/L as N	0.014	0.056	11/17/2022	9:14 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/29/2022	9:34 AM	EPA 200.8
Nitrite as N	0.012		mg/L as N	0.003	0.012	11/16/2022	12:53 PM	EPA 353.2
Nitrate as N	0.080		mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrate + Nitrite as N	0.092		mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrogen, Organic	0.67		mg/L as N	0.10	0.4	11/28/2022	8:21 AM	TKN - NH3

Report Format: NELAC

DOH #E45049



Laboratory ID	AF42251	Collection date and time	11/15/2022 11:25 AM
Location Code	MULLGR01	Sample Collector	REIDSTAD/JAEGER
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Phosphorus, Ortho as P	0.008	I	mg/L as P	0.005	0.020	11/16/2022	3:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
pH, Field (electrometric) by Client	7.51		units			11/15/2022	11:25 AM	FDEP FT1100
Salinity by meter by Client	3.11		SU			11/15/2022	11:25 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9		meters			11/15/2022	11:25 AM	FDEP FT 1700
Selenium	11.7	I	µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Silica, dissolved as SiO2	6.4		mg/L as SiO2	0.1	0.4	11/16/2022	2:09 PM	SM4500-SiO2 C
Field Temperature by client	25.9		°C			11/15/2022	11:25 AM	FDEP FT1400
Total Hardness as CaCO3	636		mg/L as CaCO3	2.50	10.0	11/29/2022	12:16 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.69		mg/L as N	0.10	0.4	11/28/2022	8:21 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Nitrogen, Total	0.78		mg/L as N	0.10	0.4	11/28/2022	8:21 AM	TKN + NOX
Total Organic Carbon (NPOC)	13		mg/L	1	4	12/1/2022	1:45 PM	SM 5310 B
Phosphorus, Total as P	0.041		mg/L as P	0.006	0.024	11/28/2022	8:23 AM	EPA 365.1
Total Suspended Solids	2.70		mg/L	0.6	2.4	11/16/2022	9:45 AM	SM 2540 D
Turbidity (Nephelometric)	2.89		NTU	0.2	0.8	11/16/2022	6:40 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8

Laboratory ID	AF42252	Collection date and time	11/15/2022 10:55 AM
Location Code	MULLGR02	Sample Collector	REIDSTAD/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	7.35		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Pheophytin	2.08		mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	11/29/2022	9:34 AM	EPA 200.8
Arsenic	5.0	U	µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Barium	18.3	I	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/29/2022	9:34 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.6	V1	mg/L	0.3	1.2	11/16/2022	9:16 AM	SM 5210 B
Calcium by ICP	95.0		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Chloride	1450		mg/L	1.60	6.4	11/16/2022	1:07 PM	SM 4500-Cl ⁻ D
Color	61.1		CU	1.25	5.00	11/16/2022	2:49 PM	SM21 2120 C

Report Format: NELAC

DOH #E45049



Laboratory ID	AF42252	Collection date and time	11/15/2022 10:55 AM
Location Code	MULLGR02	Sample Collector	REIDSTAD/JAEGER
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Specific Conductance, By Client	5600		µmhos/cm			11/15/2022	10:55 AM	FDEP FT1200
Chromium	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/28/2022	7:30 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.19		mg/L			11/15/2022	10:55 AM	FDEP FT1500
Enterococci	20		MPN/100mL	10		11/15/2022	2:24 PM	Enterolert®
Iron by ICP	0.210		mg/L	0.050	0.200	11/29/2022	12:16 PM	EPA 200.7
Magnesium by ICP	91.8		mg/L	2.50	10.00	11/29/2022	12:16 PM	EPA 200.7
Manganese	14.0	I	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	11/29/2022	9:34 AM	EPA 200.8
Ammonia as N	0.024	I	mg/L as N	0.014	0.056	11/17/2022	9:14 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/29/2022	9:34 AM	EPA 200.8
Nitrite as N	0.009	I	mg/L as N	0.003	0.012	11/16/2022	12:53 PM	EPA 353.2
Nitrate as N	0.066		mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrate + Nitrite as N	0.075		mg/L as N	0.01	0.04	11/16/2022	12:53 PM	EPA 353.2
Nitrogen, Organic	0.68		mg/L as N	0.10	0.4	11/28/2022	8:21 AM	TKN - NH3
Phosphorus, Ortho as P	0.009	I	mg/L as P	0.005	0.020	11/16/2022	3:37 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
pH, Field (electrometric) by Client	7.51		units			11/15/2022	10:55 AM	FDEP FT1100
Salinity by meter by Client	2.98		SU			11/15/2022	10:55 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9		meters			11/15/2022	10:55 AM	FDEP FT 1700
Selenium	14.7	I	µg/L	5.0	20	11/29/2022	9:34 AM	EPA 200.8
Silica, dissolved as SiO2	6.1		mg/L as SiO2	0.1	0.4	11/16/2022	2:09 PM	SM4500-SiO2 C
Field Temperature by client	25.0		°C			11/15/2022	10:55 AM	FDEP FT1400
Total Hardness as CaCO3	615		mg/L as CaCO3	2.50	10.0	11/29/2022	12:16 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.70		mg/L as N	0.10	0.4	11/28/2022	8:21 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/29/2022	9:34 AM	EPA 200.8
Nitrogen, Total	0.78		mg/L as N	0.10	0.4	11/28/2022	8:21 AM	TKN + NOX
Total Organic Carbon (NPOC)	13		mg/L	1	4	12/1/2022	1:45 PM	SM 5310 B
Phosphorus, Total as P	0.042		mg/L as P	0.006	0.024	11/28/2022	8:23 AM	EPA 365.1
Total Suspended Solids	3.45		mg/L	0.6	2.4	11/16/2022	9:45 AM	SM 2540 D
Turbidity (Nephelometric)	3.03		NTU	0.2	0.8	11/16/2022	6:40 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/29/2022	9:34 AM	EPA 200.8



Laboratory ID	AF42253	Collection date and time	11/15/2022 1:25 PM
Location Code	EBTEB	Sample Collector	REIDSTAD/JAEGER
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis	Analysis	Analysis Method
						Date	Time	
Chlorophyll a - corrected for Pheophytin	0.50	U	mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	11/30/2022	7:26 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	11/29/2022	9:34 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	11/29/2022	9:34 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	11/29/2022	9:34 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/29/2022	9:34 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.5	I	mg/L	0.3	1.2	11/16/2022	9:16 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	11/29/2022	12:16 PM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/29/2022	9:34 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	11/16/2022	1:07 PM	SM 4500-Cl ⁻ D
Color	1.25	U	CU	1.25	5.00	11/16/2022	2:49 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	11/29/2022	9:34 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	11/29/2022	9:34 AM	EPA 200.8
Metals digest w/HNO3, water samples	Completed					11/28/2022	7:30 AM	EPA 200.8
Enterococci	10	U	MPN/100mL	10		11/15/2022	2:24 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	11/29/2022	12:16 PM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	11/29/2022	12:16 PM	EPA 200.7
Manganese	0.5	U	µg/L	0.5	2.0	11/29/2022	9:34 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	11/29/2022	9:34 AM	EPA 200.8
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	11/17/2022	9:14 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/29/2022	9:34 AM	EPA 200.8
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	11/16/2022	12:53 PM	EPA 353.2
Nitrate as N	0.012	I	mg/L as N	0.01	0.04	11/18/2022	8:47 AM	EPA 353.2
Nitrate + Nitrite as N	0.012	I	mg/L as N	0.01	0.04	11/18/2022	8:47 AM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	11/22/2022	9:02 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	11/16/2022	3:37 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	11/29/2022	9:34 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	11/29/2022	9:34 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	11/29/2022	9:34 AM	EPA 200.8
Silica, dissolved as SiO2	0.10	I	mg/L as SiO2	0.1	0.4	11/16/2022	2:09 PM	SM4500-SiO2 C
Total Hardness as CaCO3	0.25	U	mg/L as CaCO3	0.25	1.0	11/29/2022	12:16 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	11/22/2022	9:02 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/29/2022	9:34 AM	EPA 200.8
Nitrogen, Total	0.11	I	mg/L as N	0.10	0.4	11/22/2022	9:02 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	12/1/2022	1:45 PM	SM 5310 B
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	11/22/2022	9:04 AM	EPA 365.1



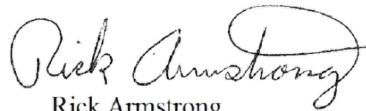
Laboratory ID	AF42253	Collection date and time	11/15/2022 1:25 PM
Location Code	EBTEB	Sample Collector	REIDSTAD/JAEGER
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	11/16/2022	9:45 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	11/16/2022	6:40 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	11/29/2022	9:34 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	11/29/2022	9:34 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).
- R1 Data deviate from historically established concentration ranges, possibly because of hurricane.
- 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.
- V1 I Analyte found in both sample & field blank @ <5X the blank value. The value is > the MDL and < or = to the PQL.

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

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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 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): John Barrington/Gary Snorek <i>Monica Jaeger/Nicole Reistad</i>	Sample Collector Signature:	Analyses Required
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Relinquished By: (signature)	Date	Time	Received By: (signature)	\$Chloro, _prep O-PO4, Color, NOx NH3, TKN, TN, NO3, ONIT, TOC Turb, Cl _p , NO2, TSS, T-PO4, Silica, Bod, Bod 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: 3.22	NP	NPF	S	NP	ST	N
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Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time			NP	NPF	S	NP	ST	N	
11/15/22	1155	HendGr01 pH= 7.47 SpCond (mS/cm) = 18581	SW	1	1	2	2	1	1	AF42249
11/15/22	12:20	HendGr02 pH= 7.49 SpCond (mS/cm) = 11068	SW	1	1	2	2	1	1	AF42250
11/15/22	1125	MullGr01 pH= 7.51 SpCond (mS/cm) = 5743	SW	1	1	2	2	1	1	AF42251
11/15/22	1055	MullGr02 pH= 7.51 SpCond (mS/cm) = 5593	SW	1	1	2	2	1	1	AF42252
11/15/22	1325	EBTeb pH= SpCond (mS/cm) =	FB	1	1	2	2	1	1	AF42253
FEB was used with NINNDIXIE Distilled Water & SKW: 038259103159										

**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.