

Laboratory Results

Lee County Environmental Laboratory

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Report Date: 8/23/2019

Below are the results of samples submitted to this laboratory on 8/14/2019

Laboratory ID	AE20593	Collection date and time	8/14/2019 10:40 AM
Location Code	HENDGR01	Sample Collector	DUGAN/CARROLL
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	2.84		mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H
Pheophytin	3.64		mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H
Aluminum	54.1		µg/L	5.0	20.0	8/20/2019	8:10 AM	EPA 200.8
Arsenic	3.75		µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Barium	12.5		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	8/20/2019	8:10 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	8/15/2019	10:33 AM	SM 5210 B
Calcium by ICP	71.1		mg/L	2.50	10.00	8/20/2019	11:28 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Chloride	907		mg/L	1.60	6.4	8/19/2019	11:45 AM	SM 4500-Cl ⁻ D
Color	144		CU	3.2	12.8	8/14/2019	3:01 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Copper	0.839	I	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.53		mg/L	0.1		8/14/2019	10:40 AM	FDEP FT1500
Enterococci	42		MPN/100mL	10		8/14/2019	2:38 PM	Enterolert®
Iron by ICP	0.150	I	mg/L	0.050	0.200	8/20/2019	11:28 AM	EPA 200.7
Magnesium by ICP	66.4		mg/L	2.50	10.00	8/20/2019	11:28 AM	EPA 200.7
E.coli Enumeration	53		MPN/100mL	10		8/14/2019	2:36 PM	Colilert-18®
Manganese	10.8		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Molybdenum	1.86	I	µg/L	0.50	2.0	8/20/2019	8:10 AM	EPA 200.8

Laboratory ID	AE20593	Collection date and time	8/14/2019 10:40 AM
Location Code	HENDGR01	Sample Collector	DUGAN/CARROLL
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Ammonia	0.049	I	mg/L as N	0.014	0.056	8/16/2019	8:56 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	8/20/2019	8:10 AM	EPA 200.8
Nitrite	0.011	I	mg/L as N	0.003	0.012	8/15/2019	12:35 PM	EPA 353.2
Nitrate	0.030	V1 I	mg/L as N	0.01	0.04	8/15/2019	12:35 PM	EPA 353.2
Nitrate + Nitrite	0.041	V1	mg/L as N	0.01	0.04	8/15/2019	12:35 PM	EPA 353.2
Nitrogen, Organic	0.85		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN - NH3
Phosphorus, Ortho	0.046		mg/L as P	0.004	0.016	8/15/2019	1:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Salinity by meter by Client	1.85		SU	0.1		8/14/2019	10:40 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.7		meters	0.1		8/14/2019	10:40 AM	FDEP FT 1700
Selenium	7.37		µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Silica, dissolved as SiO2	11		mg/L as SiO2	0.1	0.4	8/15/2019	1:57 PM	SM4500-SiO2 C
Total Hardness	451		mg/L as CaCO3	2.50	10.0	8/20/2019	11:28 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.90		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Nitrogen, Total	0.94		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN + NOX
Total Organic Carbon	16		mg/L	1	4	8/20/2019	10:50 AM	SM 5310 B
Phosphorus, Total	0.071		mg/L as P	0.006	0.024	8/16/2019	8:50 AM	EPA 365.1
Total Suspended Solids	1.90	I	mg/L	0.6	2.4	8/15/2019	10:03 AM	SM 2540 D
Turbidity (Nephelometric)	3.08		NTU	0.2	0.8	8/15/2019	6:57 AM	EPA 180.1
Vanadium	1.79	I	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Zinc	3.67	I	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8

Laboratory ID	AE20594	Collection date and time	8/14/2019 11:05 AM
Location Code	HENDGR02	Sample Collector	DUGAN/CARROLL
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	9.25		mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H
Pheophytin	3.98		mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H
Aluminum	19.4	I	µg/L	5.0	20.0	8/20/2019	8:10 AM	EPA 200.8

Laboratory ID	AE20594	Collection date and time	8/14/2019 11:05 AM
Location Code	HENDGR02	Sample Collector	DUGAN/CARROLL
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Arsenic	2.91		µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Barium	16.9		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	8/20/2019	8:10 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	8/15/2019	10:33 AM	SM 5210 B
Calcium by ICP	72.1		mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Chloride	120		mg/L	1.60	6.4	8/19/2019	11:45 AM	SM 4500-Cl ⁻ D
Color	91.7		CU	1.6	6.4	8/14/2019	3:01 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Copper	0.580	I	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	2.42		mg/L	0.1		8/14/2019	11:05 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		8/14/2019	2:38 PM	Enterolert®
Iron by ICP	0.104		mg/L	0.005	0.020	8/20/2019	11:28 AM	EPA 200.7
Magnesium by ICP	33.0		mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
E.coli Enumeration	222		MPN/100mL	10		8/14/2019	2:36 PM	Colilert-18®
Manganese	18.5		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Molybdenum	2.29		µg/L	0.50	2.0	8/20/2019	8:10 AM	EPA 200.8
Ammonia	0.090		mg/L as N	0.014	0.056	8/16/2019	8:56 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	8/20/2019	8:10 AM	EPA 200.8
Nitrite	0.013		mg/L as N	0.003	0.012	8/15/2019	12:35 PM	EPA 353.2
Nitrate	0.072	V1	mg/L as N	0.01	0.04	8/15/2019	12:35 PM	EPA 353.2
Nitrate + Nitrite	0.085	V1	mg/L as N	0.01	0.04	8/15/2019	12:35 PM	EPA 353.2
Nitrogen, Organic	0.77		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN - NH3
Phosphorus, Ortho	0.021		mg/L as P	0.004	0.016	8/15/2019	1:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Salinity by meter by Client	0.92		SU	0.1		8/14/2019	11:05 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.8		meters	0.1		8/14/2019	11:05 AM	FDEP FT 1700
Selenium	3.27		µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Silica, dissolved as SiO2	10		mg/L as SiO2	0.1	0.4	8/15/2019	1:57 PM	SM4500-SiO2 C
Total Hardness	316		mg/L as CaCO3	0.25	1.0	8/20/2019	11:28 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.86		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	EPA 351.2

Laboratory ID	AE20594	Collection date and time	8/14/2019 11:05 AM
Location Code	HENDGR02	Sample Collector	DUGAN/CARROLL
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Thallium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Nitrogen, Total	0.95		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN + NOX
Total Organic Carbon	13		mg/L	1	4	8/20/2019	10:50 AM	SM 5310 B
Phosphorus, Total	0.068		mg/L as P	0.006	0.024	8/16/2019	8:50 AM	EPA 365.1
Total Suspended Solids	1.40	I	mg/L	0.6	2.4	8/15/2019	10:03 AM	SM 2540 D
Turbidity (Nephelometric)	1.69		NTU	0.2	0.8	8/15/2019	6:57 AM	EPA 180.1
Vanadium	1.68	I	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8

Laboratory ID	AE20595	Collection date and time	8/14/2019 9:20 AM
Location Code	MULLGR01	Sample Collector	DUGAN/CARROLL
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	1.31	I	mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H
Pheophytin	1.46	I	mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H
Aluminum	29.2		µg/L	5.0	20.0	8/20/2019	8:10 AM	EPA 200.8
Arsenic	2.21		µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Barium	16.1		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	8/20/2019	8:10 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	8/15/2019	10:33 AM	SM 5210 B
Calcium by ICP	62.0		mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Chloride	396		mg/L	1.60	6.4	8/19/2019	11:45 AM	SM 4500-Cl ⁻ D
Color	92.7		CU	1.6	6.4	8/14/2019	3:01 PM	SM21 2120 C
Chromium	0.619	I	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Copper	0.730	I	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.17		mg/L	0.1		8/14/2019	9:20 AM	FDEP FT1500
Enterococci	20		MPN/100mL	10		8/14/2019	2:38 PM	Enterolert®
Iron by ICP	0.406		mg/L	0.005	0.020	8/20/2019	11:28 AM	EPA 200.7
Magnesium by ICP	11.5		mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
E.coli Enumeration	192		MPN/100mL	10		8/14/2019	2:36 PM	Colilert-18®

Laboratory ID	AE20595	Collection date and time	8/14/2019 9:20 AM
Location Code	MULLGR01	Sample Collector	DUGAN/CARROLL
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Manganese	11.9		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Molybdenum	2.22		µg/L	0.50	2.0	8/20/2019	8:10 AM	EPA 200.8
Ammonia	0.074		mg/L as N	0.014	0.056	8/16/2019	8:56 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	8/20/2019	8:10 AM	EPA 200.8
Nitrite	0.013		mg/L as N	0.003	0.012	8/15/2019	12:35 PM	EPA 353.2
Nitrate	0.084	V1	mg/L as N	0.01	0.04	8/16/2019	10:11 AM	EPA 353.2
Nitrate + Nitrite	0.097	V1	mg/L as N	0.01	0.04	8/16/2019	10:11 AM	EPA 353.2
Nitrogen, Organic	0.60		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN - NH3
Phosphorus, Ortho	0.016		mg/L as P	0.004	0.016	8/15/2019	1:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Salinity by meter by Client	0.37		SU	0.1		8/14/2019	9:20 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters	0.1		8/14/2019	9:20 AM	FDEP FT 1700
Selenium	1.03	I	µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Silica, dissolved as SiO2	8.4		mg/L as SiO2	0.1	0.4	8/15/2019	1:57 PM	SM4500-SiO2 C
Total Hardness	202		mg/L as CaCO3	0.25	1.0	8/20/2019	11:28 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.67		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Nitrogen, Total	0.77		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN + NOX
Total Organic Carbon	14		mg/L	1	4	8/20/2019	10:50 AM	SM 5310 B
Phosphorus, Total	0.036		mg/L as P	0.006	0.024	8/16/2019	8:50 AM	EPA 365.1
Total Suspended Solids	1.40	I	mg/L	0.6	2.4	8/15/2019	10:03 AM	SM 2540 D
Turbidity (Nephelometric)	1.47		NTU	0.2	0.8	8/15/2019	6:57 AM	EPA 180.1
Vanadium	1.78	I	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Zinc	1.08	I	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8

Laboratory ID	AE20596	Collection date and time	8/14/2019 9:50 AM
Location Code	MULLGR02	Sample Collector	DUGAN/CARROLL
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.19	I	mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H

Laboratory ID	AE20596	Collection date and time	8/14/2019 9:50 AM
Location Code	MULLGR02	Sample Collector	DUGAN/CARROLL
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Pheophytin	1.28	I	mg/M3	0.5	2.0	8/19/2019	10:52 AM	SM21 10200 H
Aluminum	27.2		µg/L	5.0	20.0	8/20/2019	8:10 AM	EPA 200.8
Arsenic	2.14		µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Barium	15.0		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	8/20/2019	8:10 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.5	I	mg/L	0.3	1.2	8/15/2019	10:33 AM	SM 5210 B
Calcium by ICP	57.4		mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Chloride	104		mg/L	1.60	6.4	8/19/2019	11:45 AM	SM 4500-Cl ⁻ D
Color	90.8		CU	1.6	6.4	8/14/2019	3:01 PM	SM21 2120 C
Chromium	0.528	I	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Copper	0.914	I	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.28		mg/L	0.1		8/14/2019	9:50 AM	FDEP FT1500
Enterococci	53		MPN/100mL	10		8/14/2019	2:38 PM	Enterolert®
Iron by ICP	0.397		mg/L	0.005	0.020	8/20/2019	11:28 AM	EPA 200.7
Magnesium by ICP	10.2		mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
E.coli Enumeration	192		MPN/100mL	10		8/14/2019	2:36 PM	Colilert-18®
Manganese	11.3		µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Molybdenum	1.80	I	µg/L	0.50	2.0	8/20/2019	8:10 AM	EPA 200.8
Ammonia	0.080		mg/L as N	0.014	0.056	8/16/2019	8:56 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	8/20/2019	8:10 AM	EPA 200.8
Nitrite	0.013		mg/L as N	0.003	0.012	8/15/2019	12:35 PM	EPA 353.2
Nitrate	0.068	V1	mg/L as N	0.01	0.04	8/15/2019	12:35 PM	EPA 353.2
Nitrate + Nitrite	0.081	V1	mg/L as N	0.01	0.04	8/15/2019	12:35 PM	EPA 353.2
Nitrogen, Organic	0.65		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN - NH3
Phosphorus, Ortho	0.013	I	mg/L as P	0.004	0.016	8/15/2019	1:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Salinity by meter by Client	0.35		SU	0.1		8/14/2019	9:50 AM	FDEP FT 1300
Antimony	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Selenium	0.913	I	µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Silica, dissolved as SiO2	8.2		mg/L as SiO2	0.1	0.4	8/15/2019	1:57 PM	SM4500-SiO2 C
Total Hardness	185		mg/L as CaCO3	0.25	1.0	8/20/2019	11:28 AM	SM 2340 B

Laboratory ID	AE20596	Collection date and time	8/14/2019 9:50 AM
Location Code	MULLGR02	Sample Collector	DUGAN/CARROLL
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Kjeldahl, Total	0.73		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Nitrogen, Total	0.81		mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN + NOX
Total Organic Carbon	14		mg/L	1	4	8/20/2019	10:50 AM	SM 5310 B
Phosphorus, Total	0.032		mg/L as P	0.006	0.024	8/16/2019	8:50 AM	EPA 365.1
Total Suspended Solids	2.30	I	mg/L	0.6	2.4	8/15/2019	10:03 AM	SM 2540 D
Turbidity (Nephelometric)	1.86		NTU	0.2	0.8	8/15/2019	6:57 AM	EPA 180.1
Vanadium	1.63	I	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8

Laboratory ID	AE20597	Collection date and time	8/14/2019 11:30 AM
Location Code	EBTEB	Sample Collector	DUGAN/CARROLL
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	8/18/2019	11:00 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	8/18/2019	11:00 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	8/20/2019	8:10 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	8/20/2019	8:10 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	8/15/2019	10:33 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	8/19/2019	11:45 AM	SM 4500-Cl ⁻ D
Color	1.6	U	CU	1.6	6.4	8/14/2019	3:01 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Enterococci	1	U	MPN/100mL	1		8/14/2019	2:38 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	8/20/2019	11:28 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	8/20/2019	11:28 AM	EPA 200.7
E.coli Enumeration	1	U	MPN/100mL	1		8/14/2019	2:36 PM	Colilert-18®

Laboratory ID	AE20597	Collection date and time	8/14/2019 11:30 AM
Location Code	EBTEB	Sample Collector	DUGAN/CARROLL
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Manganese	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	8/20/2019	8:10 AM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	8/16/2019	8:56 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	8/20/2019	8:10 AM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	8/15/2019	12:35 PM	EPA 353.2
Nitrate	0.096		mg/L as N	0.01	0.04	8/16/2019	10:11 AM	EPA 353.2
Nitrate + Nitrite	0.096		mg/L as N	0.01	0.04	8/16/2019	10:11 AM	EPA 353.2
Nitrogen, Organic	0.050	U	mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	8/15/2019	1:58 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	8/20/2019	8:10 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	8/20/2019	8:10 AM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	8/15/2019	1:57 PM	SM4500-SiO2 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	8/20/2019	11:28 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.05	U	mg/L as N	0.05	0.2	8/16/2019	8:48 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	8/20/2019	8:10 AM	EPA 200.8
Nitrogen, Total	0.15	I	mg/L as N	0.05	0.2	8/16/2019	8:48 AM	TKN + NOX
Total Organic Carbon	1.2	I	mg/L	1	4	8/20/2019	10:50 AM	SM 5310 B
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	8/16/2019	8:50 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	8/15/2019	10:03 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	8/15/2019	6:57 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	8/20/2019	8:10 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.
- 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 2003 NELAC 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

Report/Result Information

Billing/Invoice Information

Page 1 of 1

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																						
ATTN: Kirby Wolfe		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): MaryAnn Dugan		Sample Collector Signature:		Analyses Required <table border="1"> <tr> <td rowspan="3">\$Chloroa, _prep</td> <td rowspan="3">O-PO4, Color, NOx</td> <td rowspan="3">NH3, TKN, TN, NO3, ONIT, TOC</td> <td rowspan="3">Turb, Cl_p, NO2, TSS, T-PO4, Silica, Bod, Bodl</td> <td rowspan="3">Mug2QT, Entero</td> <td rowspan="3">#WSMetals, THardC</td> <td rowspan="3"></td> </tr> <tr></tr> <tr></tr> <tr> <td colspan="7">Preservatives (see codes)</td> </tr> <tr> <td>NP</td> <td>NPF</td> <td>S</td> <td>NP</td> <td>ST</td> <td>N</td> <td></td> </tr> </table>				\$Chloroa, _prep	O-PO4, Color, NOx	NH3, TKN, TN, NO3, ONIT, TOC	Turb, Cl_p, NO2, TSS, T-PO4, Silica, Bod, Bodl	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, Silica, Bod, Bodl												Mug2QT, Entero	#WSMetals, THardC												
Preservatives (see codes)																												
NP	NPF	S	NP	ST	N																							
Relinquished By: (signature) <i>MaryAnn Dugan</i>	Date 08/14/2019	Time 1306	Received By: (signature) <i>mjm</i>																									
Relinquished By: (signature) <i>MT Call</i>	Date 8/14/19	Time 1306	Received By: (signature) <i>mjm</i>																									
Relinquished By: (signature)	Date	Time	Received By: (signature)																									
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 1.7																												
Collection Date Time		Sample Description & Location		Matrix (see codes)	# of Sample Containers Submitted		Lab ID #																					
08/14/2019	1040	HendGr01 pH= 7.32 SpCond (mS/cm) = 3548	SW	1	1	1	AE20593																					
08/14/2019	1105	HendGr02 pH= 7.26 SpCond (mS/cm) = 1823	SW	1	1	1	AE20594																					
08/14/2019	0920	MullGr01 pH= 7.29 SpCond (mS/cm) = 760	SW	1	1	1	AE20595																					
08/14/2019	0950	MullGr02 pH= 7.17 SpCond (mS/cm) = 728	SW	1	1	1	AE20596																					
08/14/2019	1130	EBTeb pH= 7.22 SpCond (mS/cm) = 2.3	FB	1	1	1	AE20597																					

**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.