

Laboratory Results

Lee County Environmental Laboratory

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Report Date: 6/15/2019

Below are the results of samples submitted to this laboratory on 5/22/2019

Laboratory ID	AE11120	Collection date and time	5/22/2019 11:15 AM
Location Code	HENDGR01	Sample Collector	COOPER/CRAY
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	8.40		mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Pheophytin	3.54		mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	6/5/2019	9:48 AM	EPA 200.8
Arsenic	13.4	I	µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Barium	20.0	I	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	6/5/2019	9:48 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.6	V1	mg/L	0.3	1.2	5/23/2019	10:22 AM	SM 5210 B
Calcium by ICP	174		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Chloride	5990		mg/L	16.00	64.0	5/24/2019	2:41 PM	SM 4500-Cl ⁻ D
Color	135		CU	3.2	12.8	5/22/2019	2:44 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.24		mg/L	0.1		5/22/2019	11:15 AM	FDEP FT1500
Enterococci	31		MPN/100mL	10		5/22/2019	2:21 PM	Enterolert®
Iron by ICP	0.140	I	mg/L	0.050	0.200	6/11/2019	1:48 PM	EPA 200.7
Magnesium by ICP	376		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
E.coli Enumeration	782		MPN/100mL	10		5/22/2019	2:45 PM	Colilert-18®
Manganese	27.8		µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	6/5/2019	9:48 AM	EPA 200.8

Laboratory ID	AE11120	Collection date and time	5/22/2019 11:15 AM
Location Code	HENDGR01	Sample Collector	COOPER/CRAY
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Ammonia	0.036	I	mg/L as N	0.014	0.056	5/23/2019	1:46 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	6/5/2019	9:48 AM	EPA 200.8
Nitrite	0.008	I	mg/L as N	0.003	0.012	5/23/2019	11:17 AM	EPA 353.2
Nitrate	0.024	I	mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrate + Nitrite	0.032	I	mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrogen, Organic	0.93		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN - NH3
Phosphorus, Ortho	0.032		mg/L as P	0.004	0.016	5/22/2019	2:11 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Salinity by meter by Client	11.38		SU	0.1		5/22/2019	11:15 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.9	S	meters	0.1		5/22/2019	11:15 AM	FDEP FT 1700
Selenium	47.6		µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Silica, dissolved as SiO2	9.9		mg/L as SiO2	0.1	0.4	5/22/2019	2:11 PM	SM4500-SiO2 C
Total Hardness	1980		mg/L as CaCO3	2.50	10.0	6/5/2019	12:21 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.97		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Nitrogen, Total	1.0		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN + NOX
Total Organic Carbon	17		mg/L	1	4	5/28/2019	2:24 PM	SM 5310 B
Phosphorus, Total	0.075		mg/L as P	0.006	0.024	6/13/2019	9:42 AM	EPA 365.1
Total Suspended Solids	2.95		mg/L	0.6	2.4	5/23/2019	7:45 AM	SM 2540 D
Turbidity (Nephelometric)	2.95		NTU	0.2	0.8	5/23/2019	9:03 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8

Laboratory ID	AE11121	Collection date and time	5/22/2019 11:50 AM
Location Code	HENDGR02	Sample Collector	COOPER/CRAY
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	3.88		mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Pheophytin	1.91	I	mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	6/5/2019	9:48 AM	EPA 200.8

Laboratory ID	AE11121	Collection date and time	5/22/2019 11:50 AM
Location Code	HENDGR02	Sample Collector	COOPER/CRAY
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Arsenic	8.46	I	µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Barium	20.4		µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	6/5/2019	9:48 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.1	V1 I	mg/L	0.3	1.2	5/23/2019	10:22 AM	SM 5210 B
Calcium by ICP	127		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Chloride	3410		mg/L	16.00	64.0	5/24/2019	2:41 PM	SM 4500-Cl ⁻ D
Color	125		CU	3.2	12.8	5/22/2019	2:44 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	1.84		mg/L	0.1		5/22/2019	11:50 AM	FDEP FT1500
Enterococci	137		MPN/100mL	10		5/22/2019	2:21 PM	Enterolert®
Iron by ICP	0.130	I	mg/L	0.050	0.200	6/11/2019	1:48 PM	EPA 200.7
Magnesium by ICP	209		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
E.coli Enumeration	207		MPN/100mL	10		5/22/2019	2:45 PM	Colilert-18®
Manganese	31.0		µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	6/5/2019	9:48 AM	EPA 200.8
Ammonia	0.113		mg/L as N	0.014	0.056	5/23/2019	1:46 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	6/5/2019	9:48 AM	EPA 200.8
Nitrite	0.010	I	mg/L as N	0.003	0.012	5/23/2019	11:17 AM	EPA 353.2
Nitrate	0.035	I	mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrate + Nitrite	0.045		mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrogen, Organic	0.82		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN - NH3
Phosphorus, Ortho	0.045		mg/L as P	0.004	0.016	5/22/2019	2:11 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Salinity by meter by Client	6.49		SU	0.1		5/22/2019	11:50 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters	0.1		5/22/2019	11:50 AM	FDEP FT 1700
Selenium	26.1		µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Silica, dissolved as SiO2	9.2		mg/L as SiO2	0.1	0.4	5/22/2019	2:11 PM	SM4500-SiO2 C
Total Hardness	1170		mg/L as CaCO3	2.50	10.0	6/5/2019	12:21 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.93		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	EPA 351.2

Laboratory ID	AE11121	Collection date and time	5/22/2019 11:50 AM
Location Code	HENDGR02	Sample Collector	COOPER/CRAY
Sample Description	Hendry Cr. can see 1st house		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Thallium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Nitrogen, Total	0.98		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN + NOX
Total Organic Carbon	16		mg/L	1	4	5/28/2019	2:24 PM	SM 5310 B
Phosphorus, Total	0.077		mg/L as P	0.006	0.024	6/13/2019	9:42 AM	EPA 365.1
Total Suspended Solids	1.05	I	mg/L	0.6	2.4	5/23/2019	7:45 AM	SM 2540 D
Turbidity (Nephelometric)	1.10		NTU	0.2	0.8	5/23/2019	9:03 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8

Laboratory ID	AE11122	Collection date and time	5/22/2019 9:45 AM
Location Code	MULLGR01	Sample Collector	COOPER/CRAY
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	3.55		mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Pheophytin	2.38		mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	6/5/2019	9:48 AM	EPA 200.8
Arsenic	11.5	I	µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Barium	16.9	I	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	6/5/2019	9:48 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.2	V1	mg/L	0.3	1.2	5/23/2019	10:22 AM	SM 5210 B
Calcium by ICP	226		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Chloride	8680		mg/L	16.00	64.0	5/24/2019	2:41 PM	SM 4500-Cl ⁻ D
Color	59.9		CU	1.6	6.4	5/22/2019	2:44 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.24		mg/L	0.1		5/22/2019	9:45 AM	FDEP FT1500
Enterococci	10		MPN/100mL	10		5/22/2019	2:21 PM	Enterolert®
Iron by ICP	0.160	I	mg/L	0.050	0.200	6/11/2019	1:48 PM	EPA 200.7
Magnesium by ICP	554		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
E.coli Enumeration	31		MPN/100mL	10		5/22/2019	2:45 PM	Colilert-18®

Laboratory ID	AE11122	Collection date and time	5/22/2019 9:45 AM
Location Code	MULLGR01	Sample Collector	COOPER/CRAY
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Manganese	21.1		µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Molybdenum	7.74	I	µg/L	5.00	20.0	6/5/2019	9:48 AM	EPA 200.8
Ammonia	0.071		mg/L as N	0.014	0.056	5/23/2019	1:46 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	6/5/2019	9:48 AM	EPA 200.8
Nitrite	0.008	I	mg/L as N	0.003	0.012	5/23/2019	11:17 AM	EPA 353.2
Nitrate	0.023	I	mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrate + Nitrite	0.031	I	mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrogen, Organic	0.66		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN - NH3
Phosphorus, Ortho	0.017		mg/L as P	0.004	0.016	5/22/2019	2:11 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Salinity by meter by Client	16.37		SU	0.1		5/22/2019	9:45 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters	0.1		5/22/2019	9:45 AM	FDEP FT 1700
Selenium	67.7		µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Silica, dissolved as SiO2	7.1		mg/L as SiO2	0.1	0.4	5/22/2019	2:11 PM	SM4500-SiO2 C
Total Hardness	2850		mg/L as CaCO3	2.50	10.0	6/5/2019	12:21 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.73		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Nitrogen, Total	0.76		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN + NOX
Total Organic Carbon	10		mg/L	1	4	5/28/2019	2:24 PM	SM 5310 B
Phosphorus, Total	0.045		mg/L as P	0.006	0.024	6/13/2019	9:42 AM	EPA 365.1
Total Suspended Solids	1.75	I	mg/L	0.6	2.4	5/23/2019	7:45 AM	SM 2540 D
Turbidity (Nephelometric)	3.81		NTU	0.2	0.8	5/23/2019	9:03 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8

Laboratory ID	AE11123	Collection date and time	5/22/2019 10:15 AM
Location Code	MULLGR02	Sample Collector	COOPER/CRAY
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	3.88		mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H

Laboratory ID AE11123
 Location Code MULLGR02
 Sample Description Mullock Creek, marker 55

Collection date and time 5/22/2019 10:15 AM
 Sample Collector COOPER/CRAY

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Pheophytin	1.49	I	mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Aluminum	50.0	U	µg/L	50.0	200.0	6/5/2019	9:48 AM	EPA 200.8
Arsenic	9.38	I	µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Barium	19.6	I	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	6/5/2019	9:48 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.1	V1 I	mg/L	0.3	1.2	5/23/2019	10:22 AM	SM 5210 B
Calcium by ICP	157		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Chloride	4670		mg/L	16.00	64.0	5/24/2019	2:41 PM	SM 4500-Cl ⁻ D
Color	66.4		CU	1.6	6.4	5/22/2019	2:44 PM	SM21 2120 C
Chromium	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Copper	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.81		mg/L	0.1		5/22/2019	10:15 AM	FDEP FT1500
Enterococci	87		MPN/100mL	10		5/22/2019	2:21 PM	Enterolert®
Iron by ICP	0.230		mg/L	0.050	0.200	6/11/2019	1:48 PM	EPA 200.7
Magnesium by ICP	293		mg/L	2.50	10.00	6/5/2019	12:21 PM	EPA 200.7
E.coli Enumeration	87		MPN/100mL	10		5/22/2019	2:45 PM	Colilert-18®
Manganese	16.4	I	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Molybdenum	6.94	I	µg/L	5.00	20.0	6/5/2019	9:48 AM	EPA 200.8
Ammonia	0.066		mg/L as N	0.014	0.056	5/23/2019	1:46 PM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	6/5/2019	9:48 AM	EPA 200.8
Nitrite	0.007	I	mg/L as N	0.003	0.012	5/23/2019	11:17 AM	EPA 353.2
Nitrate	0.113		mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrate + Nitrite	0.120		mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrogen, Organic	0.78		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN - NH3
Phosphorus, Ortho	0.017		mg/L as P	0.004	0.016	5/22/2019	2:11 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Salinity by meter by Client	9.42		SU	0.1		5/22/2019	10:15 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1	S	meters	0.1		5/22/2019	10:15 AM	FDEP FT 1700
Selenium	37.5		µg/L	5.0	20	6/5/2019	9:48 AM	EPA 200.8
Silica, dissolved as SiO2	7.5		mg/L as SiO2	0.1	0.4	5/22/2019	2:11 PM	SM4500-SiO2 C

Laboratory ID	AE11123	Collection date and time	5/22/2019 10:15 AM
Location Code	MULLGR02	Sample Collector	COOPER/CRAY
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Hardness	1600		mg/L as CaCO ₃	2.50	10.0	6/5/2019	12:21 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.85		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	6/5/2019	9:48 AM	EPA 200.8
Nitrogen, Total	0.97		mg/L as N	0.05	0.2	6/13/2019	9:40 AM	TKN + NOX
Total Organic Carbon	13		mg/L	1	4	6/2/2019	10:15 AM	SM 5310 B
Phosphorus, Total	0.044		mg/L as P	0.006	0.024	6/13/2019	9:42 AM	EPA 365.1
Total Suspended Solids	2.80		mg/L	0.6	2.4	5/23/2019	7:45 AM	SM 2540 D
Turbidity (Nephelometric)	2.26		NTU	0.2	0.8	5/23/2019	9:03 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	6/5/2019	9:48 AM	EPA 200.8

Laboratory ID	AE11124	Collection date and time	5/22/2019 10:35 AM
Location Code	EBTEB	Sample Collector	COOPER/CRAY
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	6/3/2019	1:40 PM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	6/3/2019	1:40 PM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	6/5/2019	9:48 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	6/5/2019	9:48 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	6/5/2019	9:48 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	6/5/2019	9:48 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.5	I	mg/L	0.3	1.2	5/23/2019	10:22 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	6/5/2019	12:21 PM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	6/5/2019	9:48 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	5/24/2019	2:41 PM	SM 4500-Cl ⁻ D
Color	1.6	U	CU	1.6	6.4	5/22/2019	2:44 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	6/5/2019	9:48 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	6/5/2019	9:48 AM	EPA 200.8
Enterococci	2	U	MPN/100mL	2		5/22/2019	2:21 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	6/11/2019	1:48 PM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	6/5/2019	12:21 PM	EPA 200.7

Laboratory ID	AE11124	Collection date and time	5/22/2019 10:35 AM
Location Code	EBTEB	Sample Collector	COOPER/CRAY
Sample Description	Field Cleaned Equipment Blank		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
E.coli Enumeration	2	U	MPN/100mL	2		5/22/2019	2:45 PM	Colilert-18®
Manganese	0.5	U	µg/L	0.5	2.0	6/5/2019	9:48 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	6/5/2019	9:48 AM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	5/23/2019	1:46 PM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	6/5/2019	9:48 AM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	5/23/2019	11:17 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	5/23/2019	11:17 AM	EPA 353.2
Nitrogen, Organic	0.050	U	mg/L as N	0.05	0.2	6/12/2019	8:53 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	5/22/2019	2:11 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	6/5/2019	9:48 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	6/5/2019	9:48 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	6/5/2019	9:48 AM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	5/22/2019	2:11 PM	SM4500-SiO2 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	6/5/2019	12:21 PM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.05	U	mg/L as N	0.05	0.2	6/12/2019	8:53 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	6/5/2019	9:48 AM	EPA 200.8
Nitrogen, Total	0.050	U	mg/L as N	0.05	0.2	6/12/2019	8:53 AM	TKN + NOX
Total Organic Carbon	1.0	U	mg/L	1	4	5/28/2019	2:24 PM	SM 5310 B
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	6/12/2019	8:55 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	5/23/2019	7:45 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	5/23/2019	9:03 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	6/5/2019	9:48 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	6/12/2019	10:57 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).
- S Secchi disk visible to bottom of waterbody. Value reported is the depth of the waterbody at the location of Secchi disk measurement.
- 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
60-2 Danley Dr Ft 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

Report/Result Information

Billing/Invoice Information

Page 1 of 1

Name: FDEP - South ATTN: Kirby Wolfe Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901-2549 Phone: (239) 470-0873 Sample Collector(s) (please print): MARYANN DUGAN Relinquished By: (signature) Marianne Dugan Relinquished By: (signature) Relinquished By: (signature)		Name: DNRM RE: EB Tribb Address: 1500 Monroe St Ft Myers, FL 33901 Phone: (239) 533-8109 Sample Collector Signature: Marianne Dugan Relinquished By: (signature) Marianne Dugan Relinquished By: (signature) Relinquished By: (signature)		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				
				Analyses Required						
				\$Chloro. _prep	O-PO4, Color, NOx	NH3, TKN, TN, NO3, ONIT, TOC	Turb, Cl p, NO2, TSS, T-PO4, Silica, Bod, Bodi	Mug2QT, Entero	#WSMetals, THardC	
				Preservatives (see codes)						
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 0.3°C				NP	NPF	S	NP	ST	N	
Collection Time		Sample Description & Location		Matrix (see codes)	# of Sample Containers Submitted				Lab ID #	
05/22/2019	1115	HendGr01 pH= 7.41 SpCond (mS/cm) = 19261	SW	1	1	2	2	1	1	AE11120
05/22/2019	1150	HendGr02 pH= 7.45 SpCond (mS/cm) = 11441	SW	1	1	2	2	1	1	AE11121
05/22/2019	0945	MullGr01 pH= 7.45 SpCond (mS/cm) = 26842	SW	1	1	2	2	1	1	AE11122
05/22/2019	1015	MullGr02 pH= 7.57 SpCond (mS/cm) = 16101	SW	1	1	2	2	1	1	AE11123
05/22/2019	1035	EBTeb pH= 8.65 SpCond (mS/cm) = 5.0	FB	1	1	2	2	1	1	AE11124

**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.