

Laboratory Results

Lee County Environmental Laboratory

60-2 Danley Drive
Fort Myers, FL 33907
239-533-8600



To: ATTN: Kirby Wolfe
FDEP - South
2295 Victoria Ave Ste 364
Fort Myers FL 33901
(239) 344-5719

Report Date: 11/26/2018

Below are the results of samples submitted to this laboratory on 10/23/2018

Laboratory ID	AD90040	Collection date and time	10/23/2018 10:55 AM
Location Code	HENDGR01	Sample Collector	LANG
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	3.44		mg/M3	0.5	2	10/25/2018	8:03 AM	SM21 10200 H
Pheophytin	2.29		mg/M3	0.5	2	10/25/2018	8:03 AM	SM21 10200 H
Aluminum	364		µg/L	50.0	200.0	11/13/2018	9:09 AM	EPA 200.8
Arsenic	14.7	I	µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Barium	23.8		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/13/2018	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.8	I	mg/L	0.3	1.2	10/24/2018	9:21 AM	SM 5210 B
Calcium by ICP	232		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/13/2018	9:09 AM	EPA 200.8
Chloride	7370		mg/L	1.60	6.4	11/1/2018	10:51 AM	SM 4500-Cl ⁻ D
Color	76.1		CU	1.6	6.4	10/23/2018	3:34 PM	SM21 2120 C
Chromium	6.31	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Copper	25.7		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	3.45		mg/L	0.1		10/23/2018	10:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		10/23/2018	2:21 PM	Enterolert®
Iron by ICP	0.130	I	mg/L	0.050	0.200	11/19/2018	8:46 AM	EPA 200.7
Magnesium by ICP	499		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
E.coli Enumeration	42		MPN/100mL	10		10/23/2018	2:23 PM	Colilert-18®
Manganese	18.4	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Molybdenum	7.16	I	µg/L	5.00	20.0	11/13/2018	9:09 AM	EPA 200.8

Laboratory ID	AD90040	Collection date and time	10/23/2018 10:55 AM
Location Code	HENDGR01	Sample Collector	LANG
Sample Description	Hendry Creek under power lines		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Ammonia	0.018	I	mg/L as N	0.014	0.056	10/31/2018	10:04 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/13/2018	9:09 AM	EPA 200.8
Nitrite	0.005	I	mg/L as N	0.003	0.012	10/24/2018	9:22 AM	EPA 353.2
Nitrate	0.014	I	mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrate + Nitrite	0.019	I	mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrogen, Organic	1.3		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN - NH3
Phosphorus, Ortho	0.016		mg/L as P	0.004	0.016	10/24/2018	1:52 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Salinity by meter by Client	13.65		SU	0.1		10/23/2018	10:55 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.1		meters	0.1		10/23/2018	10:55 AM	FDEP FT 1700
Selenium	55.6		µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	8.9		mg/L as SiO2	0.1	0.4	10/24/2018	1:51 PM	SM4500-SiO2 C
Total Hardness	2630		mg/L as CaCO3	2.50	10.0	11/19/2018	8:46 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.3		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/13/2018	9:09 AM	EPA 200.8
Nitrogen, Total	1.3		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN + NOX
Total Organic Carbon	14		mg/L	1	4	10/31/2018	11:01 AM	SM 5310 B
Phosphorus, Total	0.060		mg/L as P	0.006	0.024	11/5/2018	8:52 AM	EPA 365.1
Total Suspended Solids	6.22		mg/L	0.6	2.4	10/24/2018	7:58 AM	SM 2540 D
Turbidity (Nephelometric)	3.19		NTU	0.2	0.8	10/24/2018	8:33 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8

Laboratory ID	AD90041	Collection date and time	10/23/2018 10:35 AM
Location Code	HENDGR02	Sample Collector	LANG
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	6.30		mg/M3	0.5	2	10/25/2018	8:03 AM	SM21 10200 H
Pheophytin	3.70		mg/M3	0.5	2	10/25/2018	8:03 AM	SM21 10200 H
Aluminum	366		µg/L	50.0	200.0	11/13/2018	9:09 AM	EPA 200.8

Laboratory ID AD90041
 Location Code HENDGR02
 Sample Description Hendry Cr. can see 1st house

Collection date and time 10/23/2018 10:35 AM
 Sample Collector LANG

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Arsenic	10.3	I	µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Barium	26.7		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/13/2018	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.1	I	mg/L	0.3	1.2	10/24/2018	9:21 AM	SM 5210 B
Calcium by ICP	177		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/13/2018	9:09 AM	EPA 200.8
Chloride	3780		mg/L	1.60	6.4	11/1/2018	10:51 AM	SM 4500-Cl ⁻ D
Color	84.9		CU	1.6	6.4	10/23/2018	3:34 PM	SM21 2120 C
Chromium	5.38	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Copper	38.3		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	1.38		mg/L	0.1		10/23/2018	10:35 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		10/23/2018	2:21 PM	Enterolert®
Iron by ICP	0.110	I	mg/L	0.050	0.200	11/19/2018	8:46 AM	EPA 200.7
Magnesium by ICP	261		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
E.coli Enumeration	99		MPN/100mL	10		10/23/2018	2:23 PM	Colilert-18®
Manganese	32.6		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Molybdenum	5.00	U	µg/L	5.00	20.0	11/13/2018	9:09 AM	EPA 200.8
Ammonia	0.071		mg/L as N	0.014	0.056	10/31/2018	10:04 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/21/2018	9:50 AM	EPA 200.8
Nitrite	0.009	I	mg/L as N	0.003	0.012	10/24/2018	9:22 AM	EPA 353.2
Nitrate	0.034	I	mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrate + Nitrite	0.043		mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrogen, Organic	0.93		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN - NH3
Phosphorus, Ortho	0.015	I	mg/L as P	0.008	0.032	10/24/2018	1:52 PM	EPA 365.1
Lead	5.0	U	µg/L	5.00	20.00	11/21/2018	9:50 AM	EPA 200.8
Salinity by meter by Client	7.07		SU	0.1		10/23/2018	10:35 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters	0.1		10/23/2018	10:35 AM	FDEP FT 1700
Selenium	25.7		µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	11		mg/L as SiO2	0.1	0.4	10/24/2018	1:51 PM	SM4500-SiO2 C
Total Hardness	1520		mg/L as CaCO3	2.50	10.0	11/19/2018	8:46 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	1.0		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	EPA 351.2

Laboratory ID	AD90041	Collection date and time	10/23/2018 10:35 AM
Location Code	HENDGR02	Sample Collector	LANG
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	11/13/2018	9:09 AM	EPA 200.8
Nitrogen, Total	1.0		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN + NOX
Total Organic Carbon	15		mg/L	1	4	10/31/2018	11:01 AM	SM 5310 B
Phosphorus, Total	0.079		mg/L as P	0.006	0.024	11/5/2018	8:52 AM	EPA 365.1
Total Suspended Solids	2.95		mg/L	0.6	2.4	10/24/2018	7:58 AM	SM 2540 D
Turbidity (Nephelometric)	1.54		NTU	0.2	0.8	10/24/2018	8:33 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8

Laboratory ID	AD90042	Collection date and time	10/23/2018 12:20 PM
Location Code	MULLGR01	Sample Collector	LANG
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	7.38		mg/M3	0.5	2	10/25/2018	8:03 AM	SM21 10200 H
Pheophytin	3.01		mg/M3	0.5	2	10/25/2018	8:03 AM	SM21 10200 H
Aluminum	329		µg/L	50.0	200.0	11/13/2018	9:09 AM	EPA 200.8
Arsenic	21.9		µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Barium	17.5	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/13/2018	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	10/24/2018	9:21 AM	SM 5210 B
Calcium by ICP	341		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/13/2018	9:09 AM	EPA 200.8
Chloride	13200		mg/L	1.60	6.4	11/5/2018	1:50 PM	SM 4500-Cl ⁻ D
Color	29.6		CU	1.6	6.4	10/23/2018	3:34 PM	SM21 2120 C
Chromium	8.29	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Copper	56.7		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	5.23		mg/L	0.1		10/23/2018	12:20 PM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		10/23/2018	2:21 PM	Enterolert®
Iron by ICP	0.250		mg/L	0.050	0.200	11/19/2018	8:46 AM	EPA 200.7
Magnesium by ICP	901		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
E.coli Enumeration	10		MPN/100mL	10		10/23/2018	2:23 PM	Colilert-18®

Laboratory ID	AD90042	Collection date and time	10/23/2018 12:20 PM
Location Code	MULLGR01	Sample Collector	LANG
Sample Description	Mullock Cr. Y near marker 22		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Manganese	11.6	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Molybdenum	9.31	I	µg/L	5.00	20.0	11/13/2018	9:09 AM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	10/31/2018	10:04 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/13/2018	9:09 AM	EPA 200.8
Nitrite	0.004	I	mg/L as N	0.003	0.012	10/24/2018	9:22 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrate + Nitrite	0.010	I	mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrogen, Organic	0.72		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	10/24/2018	1:52 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Salinity by meter by Client	24.04		SU	0.1		10/23/2018	12:20 PM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	0.8		meters	0.1		10/23/2018	12:20 PM	FDEP FT 1700
Selenium	82.4		µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	4.1		mg/L as SiO2	0.1	0.4	10/24/2018	1:51 PM	SM4500-SiO2 C
Total Hardness	4560		mg/L as CaCO3	2.50	10.0	11/19/2018	8:46 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.72		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/13/2018	9:09 AM	EPA 200.8
Nitrogen, Total	0.73		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN + NOX
Total Organic Carbon	8.0		mg/L	1	4	10/31/2018	11:01 AM	SM 5310 B
Phosphorus, Total	0.048		mg/L as P	0.006	0.024	11/5/2018	8:52 AM	EPA 365.1
Total Suspended Solids	10.9		mg/L	0.6	2.4	10/24/2018	7:58 AM	SM 2540 D
Turbidity (Nephelometric)	7.22		NTU	0.2	0.8	10/25/2018	8:43 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Zinc	11.0	I	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8

Laboratory ID	AD90043	Collection date and time	10/23/2018 11:50 AM
Location Code	MULLGR02	Sample Collector	LANG
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	6.13		mg/M3	0.5	2	10/30/2018	2:40 PM	SM21 10200 H

Laboratory ID	AD90043	Collection date and time	10/23/2018 11:50 AM
Location Code	MULLGR02	Sample Collector	LANG
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Pheophytin	2.56		mg/M3	0.5	2	10/30/2018	2:40 PM	SM21 10200 H
Aluminum	177	I	µg/L	50.0	200.0	11/13/2018	9:09 AM	EPA 200.8
Arsenic	13.7	I	µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Barium	21.4		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Beryllium	2.50	U	µg/L	2.50	10.00	11/13/2018	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	10/24/2018	9:21 AM	SM 5210 B
Calcium by ICP	220		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
Cadmium	3.0	U	µg/L	3.0	12.0	11/13/2018	9:09 AM	EPA 200.8
Chloride	7150		mg/L	1.60	6.4	11/1/2018	10:51 AM	SM 4500-Cl ⁻ D
Color	48.3		CU	1.6	6.4	10/23/2018	3:34 PM	SM21 2120 C
Chromium	8.68	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Copper	48.4		µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Oxygen, Dissolved, Electrode, by Client	4.85		mg/L	0.1		10/23/2018	11:50 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		10/23/2018	2:21 PM	Enterolert®
Iron by ICP	0.190	I	mg/L	0.050	0.200	11/19/2018	8:46 AM	EPA 200.7
Magnesium by ICP	474		mg/L	2.50	10.00	11/19/2018	8:46 AM	EPA 200.7
E.coli Enumeration	63		MPN/100mL	10		10/23/2018	2:23 PM	Colilert-18®
Manganese	17.2	I	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Molybdenum	7.47	I	µg/L	5.00	20.0	11/13/2018	9:09 AM	EPA 200.8
Ammonia	0.033	I	mg/L as N	0.014	0.056	10/31/2018	10:04 AM	EPA 350.1
Nickel	7.50	U	µg/L	7.50	30.00	11/13/2018	9:09 AM	EPA 200.8
Nitrite	0.006	I	mg/L as N	0.003	0.012	10/24/2018	9:22 AM	EPA 353.2
Nitrate	0.044		mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrate + Nitrite	0.050		mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrogen, Organic	0.73		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	10/24/2018	1:52 PM	EPA 365.1
Lead	5.0	U	µg/L	5.0	20.0	11/13/2018	9:09 AM	EPA 200.8
Salinity by meter by Client	18.01		SU	0.1		10/23/2018	11:50 AM	FDEP FT 1300
Antimony	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Water Clarity Secchi Disk, by Client	1.0		meters	0.1		10/23/2018	11:50 AM	FDEP FT 1700
Selenium	56.6		µg/L	5.0	20	11/13/2018	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	6.4		mg/L as SiO2	0.1	0.4	10/24/2018	1:51 PM	SM4500-SiO2 C

Laboratory ID	AD90043	Collection date and time	10/23/2018 11:50 AM
Location Code	MULLGR02	Sample Collector	LANG
Sample Description	Mullock Creek, marker 55		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Hardness	2500		mg/L as CaCO ₃	2.50	10.0	11/19/2018	8:46 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.76		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	EPA 351.2
Thallium	3.0	U	µg/L	3.0	12.0	11/13/2018	9:09 AM	EPA 200.8
Nitrogen, Total	0.81		mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN + NOX
Total Organic Carbon	11		mg/L	1	4	10/31/2018	11:01 AM	SM 5310 B
Phosphorus, Total	0.037		mg/L as P	0.006	0.024	11/5/2018	8:52 AM	EPA 365.1
Total Suspended Solids	4.75		mg/L	0.6	2.4	10/24/2018	7:58 AM	SM 2540 D
Turbidity (Nephelometric)	2.70		NTU	0.2	0.8	10/24/2018	8:33 AM	EPA 180.1
Vanadium	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8
Zinc	10.0	U	µg/L	10.0	40.0	11/13/2018	9:09 AM	EPA 200.8

Laboratory ID	AD90044	Collection date and time	10/23/2018 11:10 AM
Location Code	EBTEB	Sample Collector	LANG
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	10/24/2018	7:44 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2	10/24/2018	7:44 AM	SM21 10200 H
Aluminum	5.0	U	µg/L	5.0	20.0	11/21/2018	9:50 AM	EPA 200.8
Arsenic	0.5	U	µg/L	0.5	2	11/13/2018	9:09 AM	EPA 200.8
Barium	0.5	U	µg/L	0.5	2.0	11/13/2018	9:09 AM	EPA 200.8
Beryllium	0.25	U	µg/L	0.25	1.00	11/13/2018	9:09 AM	EPA 200.8
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	10/24/2018	9:21 AM	SM 5210 B
Calcium by ICP	0.250	U	mg/L	0.25	1.00	11/19/2018	8:46 AM	EPA 200.7
Cadmium	0.3	U	µg/L	0.3	1.2	11/13/2018	9:09 AM	EPA 200.8
Chloride	1.60	U	mg/L	1.60	6.4	11/5/2018	1:50 PM	SM 4500-Cl ⁻ D
Color	1.6	U	CU	1.6	6.4	10/23/2018	3:34 PM	SM21 2120 C
Chromium	0.5	U	µg/L	0.5	2.0	11/13/2018	9:09 AM	EPA 200.8
Copper	0.5	U	µg/L	0.5	2.0	11/13/2018	9:09 AM	EPA 200.8
Enterococci	2	U	MPN/100mL	2		10/23/2018	2:21 PM	Enterolert®
Iron by ICP	0.005	U	mg/L	0.005	0.020	11/19/2018	8:46 AM	EPA 200.7
Magnesium by ICP	0.25	U	mg/L	0.25	1.00	11/19/2018	8:46 AM	EPA 200.7

Laboratory ID	AD90044	Collection date and time	10/23/2018 11:10 AM
Location Code	EBTEB	Sample Collector	LANG
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		10/23/2018	2:23 PM	Colilert-18®
Manganese	0.5	U	µg/L	0.5	2.0	11/13/2018	9:09 AM	EPA 200.8
Molybdenum	0.50	U	µg/L	0.50	2.0	11/13/2018	9:09 AM	EPA 200.8
Ammonia	0.014	U	mg/L as N	0.014	0.056	10/31/2018	10:04 AM	EPA 350.1
Nickel	0.75	U	µg/L	0.75	3.00	11/13/2018	9:09 AM	EPA 200.8
Nitrite	0.003	U	mg/L as N	0.003	0.012	10/24/2018	9:22 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	10/24/2018	9:22 AM	EPA 353.2
Nitrogen, Organic	0.050	U	mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	10/24/2018	1:52 PM	EPA 365.1
Lead	0.5	U	µg/L	0.5	2.0	11/13/2018	9:09 AM	EPA 200.8
Antimony	1.0	U	µg/L	1.0	4.0	11/13/2018	9:09 AM	EPA 200.8
Selenium	0.5	U	µg/L	0.5	2	11/13/2018	9:09 AM	EPA 200.8
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	10/24/2018	1:51 PM	SM4500-SiO2 C
Total Hardness	0.25	U	mg/L as CaCO3	0.25	1.0	11/19/2018	8:46 AM	SM 2340 B
Nitrogen, Kjeldahl, Total	0.05	U	mg/L as N	0.05	0.2	11/5/2018	8:50 AM	EPA 351.2
Thallium	0.3	U	µg/L	0.3	1.2	11/13/2018	9:09 AM	EPA 200.8
Nitrogen, Total	0.050	U	mg/L as N	0.05	0.2	11/5/2018	8:50 AM	TKN + NOX
Total Organic Carbon	1.000	U	mg/L	1	4	10/31/2018	11:01 AM	SM 5310 B
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	11/5/2018	8:52 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	10/24/2018	7:58 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	10/24/2018	8:33 AM	EPA 180.1
Vanadium	1.0	U	µg/L	1.0	4.0	11/13/2018	9:09 AM	EPA 200.8
Zinc	1.0	U	µg/L	1.0	4.0	11/13/2018	9:09 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.

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

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				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):				Sample Collector Signature:				Analyses Required												
Relinquished By: (signature)		Date		Time		Received By: (signature)		\$Chloroa, _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) NP NPF S NP ST N											
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: 1.1																				
Collection Date Time		Sample Description & Location				Matrix (see codes)	# of Sample Containers Submitted						Lab ID #							
10/23/2018 1055		HendGr01 pH= 7.42 SpCond (mS/cm) = 22677				SW	1		1		2		2		1		1		AD90040	
10/23/2018 1035		HendGr02 pH= 7.21 SpCond (mS/cm) = 12425				SW	1		1		2		2		1		1		AD90041	
10/23/2018 1220		MullGr01 pH= 7.70 SpCond (mS/cm) = 37975				SW	1		1		2		2		1		1		AD90042	
10/23/2018 1150		MullGr02 pH= 7.58 SpCond (mS/cm) = 29750				SW	1		1		2		2		1		1		AD90043	
10/23/2018 1110		EBTeb pH= 8.68 SpCond (mS/cm) = 12.8				FB	1		1		2		2		1		1		AD90044	

**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.