

Laboratory Results

Lee County Environmental Laboratory

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



To: Natural Resources Management
1500 Monroe St
Fort Myers FL 33901
RE: Tidal Caloosa

Report Date: 11/4/2020

Below are the results of samples submitted to this laboratory on 10/21/2020

Laboratory ID	AE64790	Collection date and time	10/21/2020 9:55 AM
Location Code	CRNEP_RS	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #326x		

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	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	2.90		mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.7	I	mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	100		CU	8.0	32.0	10/22/2020	2:30 PM	SM21 2120 C
Oxygen, Dissolved, Electrode, by Client	6.69		mg/L			10/21/2020	9:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	10	U	MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.045	I	mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.009	I	mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.245		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.254		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrogen, Organic	0.96		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.085		mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Salinity by meter by Client	12.45		SU			10/21/2020	9:55 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.9		meters			10/21/2020	9:55 AM	FDEP FT 1700
Silica, dissolved as SiO2	7.6		mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Depth of Water Body	1.5		Meters			10/21/2020	9:55 AM	FS2100
Nitrogen, Kjeldahl, Total	1.0		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	1.3		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	12		mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.11		mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AE64790	Collection date and time	10/21/2020 9:55 AM
Location Code	CRNEP_RS	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #326x		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Suspended Solids	4.40		mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D
Turbidity (Nephelometric)	2.27		NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1

Laboratory ID	AE64791	Collection date and time	10/21/2020 12:40 PM
Location Code	CRNEP_RS	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #449		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.29	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	1.82	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	244		CU	8.0	32.0	10/22/2020	2:30 PM	SM21 2120 C
Oxygen, Dissolved, Electrode, by Client	5.28		mg/L			10/21/2020	12:40 PM	FDEP FT1500
Enterococci	42		MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	10		MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.074		mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.038		mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.169		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.207		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrogen, Organic	1.1		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.069		mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Salinity by meter by Client	0.16		SU			10/21/2020	12:40 PM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.45		meters			10/21/2020	12:40 PM	FDEP FT 1700
Silica, dissolved as SiO2	12		mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Depth of Water Body	2.2		Meters			10/21/2020	12:40 PM	FS2100
Nitrogen, Kjeldahl, Total	1.2		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	1.4		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	23		mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.13		mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1
Total Suspended Solids	2.30	I	mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D
Turbidity (Nephelometric)	2.96		NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1



Laboratory ID	AE64792	Collection date and time	10/21/2020 11:00 AM
Location Code	CRNEP_RS	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #412		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.88	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	1.60	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	181		CU	8.0	32.0	10/22/2020	2:30 PM	SM21 2120 C
Oxygen, Dissolved, Electrode, by Client	7.33		mg/L			10/21/2020	11:00 AM	FDEP FT1500
Enterococci	10		MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	10	U	MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.028	I	mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.009	I	mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.347		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.356		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrogen, Organic	0.95		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.121		mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Salinity by meter by Client	1.18		SU			10/21/2020	11:00 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.7		meters			10/21/2020	11:00 AM	FDEP FT 1700
Silica, dissolved as SiO2	12		mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Depth of Water Body	4.2		Meters			10/21/2020	11:00 AM	FS2100
Nitrogen, Kjeldahl, Total	0.98		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	1.3		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	20		mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.16		mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1
Total Suspended Solids	2.20	I	mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D
Turbidity (Nephelometric)	3.44		NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1

Laboratory ID	AE64793	Collection date and time	10/21/2020 11:20 AM
Location Code	CRNEP_RSBOT	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #412 Bottom		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.78	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	2.32		mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.5	I	mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	176		CU	8.0	32.0	10/22/2020	2:30 PM	SM21 2120 C
Oxygen, Dissolved, Electrode, by Client	6.17		mg/L			10/21/2020	11:20 AM	FDEP FT1500

Report Format: NELAC

DOH #E45049



Laboratory ID AE64793
 Location Code CRNEP_RSBOT
 Sample Description Grid #412 Bottom

Collection date and time 10/21/2020 11:20 AM
 Sample Collector REISTADT/HORMUTH

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Enterococci	20		MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	10		MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.038	I	mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.009	I	mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.329		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.338		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrogen, Organic	0.94		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.117		mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Salinity by meter by Client	7.64		SU			10/21/2020	11:20 AM	FDEP FT 1300
Silica, dissolved as SiO2	11		mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Depth of Water Body	26.4		Meters			10/21/2020	11:20 AM	FS2100
Nitrogen, Kjeldahl, Total	0.98		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	1.3		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	18		mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.16		mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1
Total Suspended Solids	8.35		mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D
Turbidity (Nephelometric)	6.59		NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1

Laboratory ID AE64794
 Location Code CRNEP_RS
 Sample Description Grid #424

Collection date and time 10/21/2020 11:45 AM
 Sample Collector REISTADT/HORMUTH

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.97	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	1.85	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	220		CU	8.0	32.0	10/22/2020	2:30 PM	SM21 2120 C
Oxygen, Dissolved, Electrode, by Client	7.41		mg/L			10/21/2020	11:45 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	20		MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.021	I	mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.009	I	mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.363		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.372		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AE64794	Collection date and time	10/21/2020 11:45 AM
Location Code	CRNEP_RS	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #424		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Organic	1.1		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.118		mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Salinity by meter by Client	0.31		SU			10/21/2020	11:45 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.45		meters			10/21/2020	11:45 AM	FDEP FT 1700
Silica, dissolved as SiO2	12		mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Depth of Water Body	4.0		Meters			10/21/2020	11:45 AM	FS2100
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	1.5		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	22		mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.16		mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1
Total Suspended Solids	4.45		mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D
Turbidity (Nephelometric)	4.99		NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1

Laboratory ID	AE64795	Collection date and time	10/21/2020 12:00 PM
Location Code	CRNEP_RSBOT	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #424 Bottom		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.17	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	1.83	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	218		CU	8.0	32.0	10/22/2020	2:30 PM	SM21 2120 C
Oxygen, Dissolved, Electrode, by Client	7.39		mg/L			10/21/2020	12:00 PM	FDEP FT1500
Enterococci	10		MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	10	U	MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.023	I	mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.008	I	mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.366		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.374		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrogen, Organic	1.1		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.119		mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Salinity by meter by Client	0.31		SU			10/21/2020	12:00 PM	FDEP FT 1300
Silica, dissolved as SiO2	12		mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Depth of Water Body	4.0		Meters			10/21/2020	12:00 PM	FS2100

Report Format: NELAC

DOH #E45049



Laboratory ID AE64795
 Location Code CRNEP_RSBOT
 Sample Description Grid #424 Bottom

Collection date and time 10/21/2020 12:00 PM
 Sample Collector REISTADT/HORMUTH

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	1.5		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	22		mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.17		mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1
Total Suspended Solids	8.65		mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D
Turbidity (Nephelometric)	6.28		NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1

Laboratory ID AE64796
 Location Code CRNEP_RS
 Sample Description Grid #455

Collection date and time 10/21/2020 1:00 PM
 Sample Collector REISTADT/HORMUTH

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.43	I	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	3.92		mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	195		CU	8.0	32.0	10/22/2020	2:30 PM	SM21 2120 C
Oxygen, Dissolved, Electrode, by Client	4.23		mg/L			10/21/2020	1:00 PM	FDEP FT1500
Enterococci	87		MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	10		MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.082		mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.042		mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.136		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.178		mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrogen, Organic	1.2		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.064		mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Salinity by meter by Client	0.16		SU			10/21/2020	1:00 PM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.45		meters			10/21/2020	1:00 PM	FDEP FT 1700
Silica, dissolved as SiO2	12		mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Depth of Water Body	1.8		Meters			10/21/2020	1:00 PM	FS2100
Nitrogen, Kjeldahl, Total	1.3		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	1.5		mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	23		mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.12		mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1
Total Suspended Solids	5.90		mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D

Report Format: NELAC

DOH #E45049



Laboratory ID	AE64796	Collection date and time	10/21/2020 1:00 PM
Location Code	CRNEP_RS	Sample Collector	REISTADT/HORMUTH
Sample Description	Grid #455		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Turbidity (Nephelometric)	5.41		NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1

Laboratory ID	AE64797	Collection date and time	10/21/2020 2:00 PM
Location Code	CRNEP_EQ	Sample Collector	REISTADT/HORMUTH
Sample Description	EB Site #455		

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	10/23/2020	7:39 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	10/23/2020	7:39 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	10/22/2020	10:42 AM	SM 5210 B
Color	1.6	U	CU	1.6	6.4	10/22/2020	2:30 PM	SM21 2120 C
Enterococci	10	U	MPN/100mL	10		10/21/2020	3:14 PM	Enterolert®
E.coli Enumeration	10	U	MPN/100mL	10		10/21/2020	3:25 PM	Colilert-18®
Ammonia	0.014	U	mg/L as N	0.014	0.056	10/30/2020	9:10 AM	EPA 350.1
Nitrite	0.003	U	mg/L as N	0.003	0.012	10/22/2020	9:46 AM	EPA 353.2
Nitrate	0.010	U	mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrate + Nitrite	0.010	U	mg/L as N	0.01	0.04	10/22/2020	9:46 AM	EPA 353.2
Nitrogen, Organic	0.050	U	mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN - NH3
Phosphorus, Ortho	0.004	U	mg/L as P	0.004	0.016	10/22/2020	12:51 PM	EPA 365.1
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	10/22/2020	12:52 PM	SM4500-SiO2 C
Nitrogen, Kjeldahl, Total	0.05	U	mg/L as N	0.05	0.2	10/23/2020	8:37 AM	EPA 351.2
Nitrogen, Total	0.050	U	mg/L as N	0.05	0.2	10/23/2020	8:37 AM	TKN + NOX
Total Organic Carbon	1.000	U	mg/L	1	4	10/22/2020	2:29 PM	SM 5310 B
Phosphorus, Total	0.006	U	mg/L as P	0.006	0.024	10/23/2020	8:41 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	10/22/2020	7:44 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	10/22/2020	9:25 AM	EPA 180.1



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 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

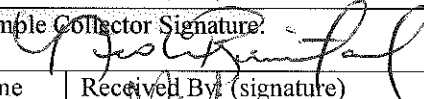
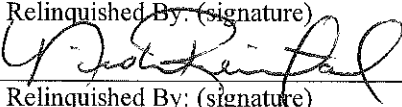
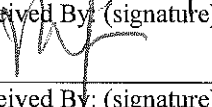
Lab Certification: E45049
LCEL F COC 20150828R1

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: CCHMN-Tidal Caloosa																
Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901		Address: 1500 Monroe St Ft Myers, FL 33901																
Phone: (239) 344-5719		Phone: (239) 533-8109																
Sample Collector(s) (please print): Nicole Reistadt/Chris Hormuth				Sample Collector Signature: 				Analyses Required <table border="1"> <tr> <td rowspan="4">\$Chloro, _prep</td> <td rowspan="4">O-PO4, Color, NOX</td> <td rowspan="4">TOC</td> <td rowspan="4">NH3, TKN, TN, T-PO4, NO3, ONIT</td> <td rowspan="4">Turb, NO2, TSS, Silica, Bod, Bodi</td> <td rowspan="4">Mug2QT, Entero</td> <td rowspan="4"></td> </tr> <tr></tr> <tr></tr> <tr></tr> </table>				\$Chloro, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bodi	Mug2QT, Entero	
\$Chloro, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bodi	Mug2QT, Entero													
Relinquished By: (signature) 		Date 10/21/20		Time 1455		Received By: (signature) 												
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: 3.7°C				<table border="1"> <tr> <td>NP</td> <td>NPF</td> <td>S</td> <td>S</td> <td>NP</td> <td>ST</td> </tr> </table>				NP	NPF	S	S	NP	ST	
NP	NPF	S	S	NP	ST													
Collection Date Time		Sample Description & Location		Matrix (see codes)		# of Sample Containers Submitted				Lab ID #								
10/21/20 0955		CRNEP_RS #326x		SWE		1 1 1 1 2 1				AE64790								
10/21/20 1240		CRNEP_RS #449		SWE		1 1 1 1 2 1				AE64791								
10/21/20 1100		CRNEP_RS #412		SWE		1 1 1 1 2 1				AE64792								
10/21/20 1120		CRNEP_RSBOT #412 Bottom		SWE		1 1 1 1 2 1				AE64793								
10/21/20 1145		CRNEP_RS #424		SWE		1 1 1 1 2 1				AE64794								
10/21/20 1200		CRNEP_RSBOT #424 Bottom		SWE		1 1 1 1 2 1				AE64795								
10/21/20 1300		CRNEP_RS #455		SWE		1 1 1 1 2 1				AE64796								
10/21/20 1400		CRNEP_EQ #		SWE		1 1 1 1 2 1				AE64797								

**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.

