

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: 10/12/2022

Below are the results of samples submitted to this laboratory on 9/21/2022

Laboratory ID	AF36741	Collection date and time	9/21/2022 11:25 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #436		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	2.13		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	1.66	I	mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	50.8		%	0.1		9/21/2022	11:25 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	1.1	I	mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	172		CU	2.50	10.00	9/22/2022	11:06 AM	SM21 2120 C
Specific Conductance, By Client	400		µmhos/cm			9/21/2022	11:25 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	3.93		mg/L			9/21/2022	11:25 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.029	V1 I	mg/L as N	0.014	0.056	9/23/2022	10:37 AM	EPA 350.1
Nitrite as N	0.025		mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2
Nitrate as N	0.164		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.189		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.75		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.094		mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
pH, Field (electrometric) by Client	7.14		units			9/21/2022	11:25 AM	FDEP FT1100
Salinity by meter by Client	0.17		SU			9/21/2022	11:25 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.65		meters			9/21/2022	11:25 AM	FDEP FT 1700
Silica, dissolved as SiO2	8.3		mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Depth of Water Body	3.0		Meters			9/21/2022	11:25 AM	FS2100
Field Temperature by client	28.7		°C			9/21/2022	11:25 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.78		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2
Nitrogen, Total	0.97		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.13		mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AF36741	Collection date and time	9/21/2022 11:25 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #436		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Suspended Solids	0.850	I	mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	2.00		NTU	0.2	0.8	9/22/2022	6:50 AM	EPA 180.1

Laboratory ID	AF36742	Collection date and time	9/21/2022 11:40 AM
Location Code	CRNEP_RS BOT	Sample Collector	REISTAD/BAKER
Sample Description	Grid #436 Bottom		

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	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	0.65	I	mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	45.5		%	0.1		9/21/2022	11:40 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	0.8	I	mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	163		CU	2.50	10.00	9/22/2022	11:06 AM	SM21 2120 C
Specific Conductance, By Client	400		µmhos/cm			9/21/2022	11:40 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	3.53		mg/L			9/21/2022	11:40 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.056	V1	mg/L as N	0.014	0.056	9/23/2022	10:37 AM	EPA 350.1
Nitrite as N	0.024		mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2
Nitrate as N	0.165		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.189		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.71		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.093		mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
pH, Field (electrometric) by Client	7.38		units			9/21/2022	11:40 AM	FDEP FT1100
Salinity by meter by Client	0.17		SU			9/21/2022	11:40 AM	FDEP FT 1300
Silica, dissolved as SiO2	8.3		mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Depth of Water Body	3.0		Meters			9/21/2022	11:40 AM	FS2100
Field Temperature by client	28.4		°C			9/21/2022	11:40 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.77		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2
Nitrogen, Total	0.96		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.12		mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1
Total Suspended Solids	0.600	I	mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	1.75		NTU	0.2	0.8	9/22/2022	6:50 AM	EPA 180.1



Laboratory ID	AF36743	Collection date and time	9/21/2022 9:55 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #394		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	7.04		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	4.38		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	59.8		%	0.1		9/21/2022	9:55 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	0.9	I	mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	186		CU	2.50	10.00	9/22/2022	11:06 AM	SM21 2120 C
Specific Conductance, By Client	1300		µmhos/cm			9/21/2022	9:55 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	4.56		mg/L			9/21/2022	9:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.027	V1 I	mg/L as N	0.014	0.056	9/23/2022	10:37 AM	EPA 350.1
Nitrite as N	0.037		mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2
Nitrate as N	0.178		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.215		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.70		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.107		mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
pH, Field (electrometric) by Client	7.52		units			9/21/2022	9:55 AM	FDEP FT1100
Salinity by meter by Client	0.65		SU			9/21/2022	9:55 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.45		meters			9/21/2022	9:55 AM	FDEP FT 1700
Silica, dissolved as SiO2	9.2		mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Depth of Water Body	2.3		Meters			9/21/2022	9:55 AM	FS2100
Field Temperature by client	29.4		°C			9/21/2022	9:55 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.73		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2
Nitrogen, Total	0.95		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.16		mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1
Total Suspended Solids	3.05		mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	4.19		NTU	0.2	0.8	9/22/2022	6:50 AM	EPA 180.1

Laboratory ID	AF36744	Collection date and time	9/21/2022 12:20 PM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #442		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	6.54		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	3.37		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	53.6		%	0.1		9/21/2022	12:20 PM	FDEP FT1500
Biochemical Oxygen Demand 5 day	0.9	I	mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	159		CU	2.50	10.00	9/22/2022	11:06 AM	SM21 2120 C

Report Format: NELAC

DOH #E45049



Laboratory ID	AF36744	Collection date and time	9/21/2022 12:20 PM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #442		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Specific Conductance, By Client	400		µmhos/cm			9/21/2022	12:20 PM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	4.11		mg/L			9/21/2022	12:20 PM	FDEP FT1500
Enterococci	10		MPN/100mL	10		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.024	V1 I	mg/L as N	0.014	0.056	9/23/2022	10:37 AM	EPA 350.1
Nitrite as N	0.027		mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2
Nitrate as N	0.158		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.185		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.72		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.094		mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
pH, Field (electrometric) by Client	7.23		units			9/21/2022	12:20 PM	FDEP FT1100
Salinity by meter by Client	0.17		SU			9/21/2022	12:20 PM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.65		meters			9/21/2022	12:20 PM	FDEP FT 1700
Silica, dissolved as SiO2	8.4		mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Depth of Water Body	3.0		Meters			9/21/2022	12:20 PM	FS2100
Field Temperature by client	29.2		°C			9/21/2022	12:20 PM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.74		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2
Nitrogen, Total	0.93		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.13		mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1
Total Suspended Solids	1.20	I	mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	2.16		NTU	0.2	0.8	9/22/2022	6:50 AM	EPA 180.1

Laboratory ID	AF36745	Collection date and time	9/21/2022 12:35 PM
Location Code	CRNEP_RSBOT	Sample Collector	REISTAD/BAKER
Sample Description	Grid #442 Bottom		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.89	I	mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	2.09		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	45.0		%	0.1		9/21/2022	12:35 PM	FDEP FT1500
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	169		CU	2.50	10.00	9/22/2022	11:06 AM	SM21 2120 C
Specific Conductance, By Client	400		µmhos/cm			9/21/2022	12:35 PM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	3.48		mg/L			9/21/2022	12:35 PM	FDEP FT1500
Enterococci	10		MPN/100mL	10		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.051	V1 I	mg/L as N	0.014	0.056	9/23/2022	10:37 AM	EPA 350.1
Nitrite as N	0.028		mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF36745	Collection date and time	9/21/2022 12:35 PM
Location Code	CRNEP_RSBOT	Sample Collector	REISTAD/BAKER
Sample Description	Grid #442 Bottom		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrate as N	0.158		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.186		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.67		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.099		mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
pH, Field (electrometric) by Client	7.30		units			9/21/2022	12:35 PM	FDEP FT1100
Salinity by meter by Client	0.17		SU			9/21/2022	12:35 PM	FDEP FT 1300
Silica, dissolved as SiO2	8.7		mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Depth of Water Body	3.0		Meters			9/21/2022	12:35 PM	FS2100
Field Temperature by client	28.5		°C			9/21/2022	12:35 PM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.72		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2
Nitrogen, Total	0.91		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.13		mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1
Total Suspended Solids	1.05	I	mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	2.19		NTU	0.2	0.8	9/22/2022	6:50 AM	EPA 180.1

Laboratory ID	AF36746	Collection date and time	9/21/2022 10:40 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #404		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	3.43		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	4.93		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	53.1		%	0.1		9/21/2022	10:40 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	0.9	I	mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	168		CU	2.50	10.00	9/22/2022	11:06 AM	SM21 2120 C
Specific Conductance, By Client	500		µmhos/cm			9/21/2022	10:40 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	4.08		mg/L			9/21/2022	10:40 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.075	V1	mg/L as N	0.014	0.056	9/23/2022	10:37 AM	EPA 350.1
Nitrite as N	0.042		mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2
Nitrate as N	0.174		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.216		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.70		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.119		mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
pH, Field (electrometric) by Client	7.46		units			9/21/2022	10:40 AM	FDEP FT1100
Salinity by meter by Client	0.22		SU			9/21/2022	10:40 AM	FDEP FT 1300

Report Format: NELAC

DOH #E45049



Laboratory ID	AF36746	Collection date and time	9/21/2022 10:40 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #404		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Water Clarity Secchi Disk, by Client	0.45		meters			9/21/2022	10:40 AM	FDEP FT 1700
Silica, dissolved as SiO2	9.2		mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Depth of Water Body	1.7		Meters			9/21/2022	10:40 AM	FS2100
Field Temperature by client	29.0		°C			9/21/2022	10:40 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.77		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2
Nitrogen, Total	0.99		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.16		mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1
Total Suspended Solids	3.50		mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	4.05		NTU	0.2	0.8	9/22/2022	6:50 AM	EPA 180.1

Laboratory ID	AF36747	Collection date and time	9/21/2022 1:05 PM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #449		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	4.97		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	3.54		mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	47.8		%	0.1		9/21/2022	1:05 PM	FDEP FT1500
Biochemical Oxygen Demand 5 day	1.3		mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	175		CU	2.50	10.00	9/22/2022	11:06 AM	SM21 2120 C
Specific Conductance, By Client	400		µmhos/cm			9/21/2022	1:05 PM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	3.7		mg/L			9/21/2022	1:05 PM	FDEP FT1500
Enterococci	10	J3	MPN/100mL	10		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.038	V1 I	mg/L as N	0.014	0.056	9/23/2022	10:37 AM	EPA 350.1
Nitrite as N	0.028		mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2
Nitrate as N	0.139		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.167		mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.86		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.093		mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
pH, Field (electrometric) by Client	7.29		units			9/21/2022	1:05 PM	FDEP FT1100
Salinity by meter by Client	0.17		SU			9/21/2022	1:05 PM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.55		meters			9/21/2022	1:05 PM	FDEP FT 1700
Silica, dissolved as SiO2	8.6		mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Depth of Water Body	2.0		Meters			9/21/2022	1:05 PM	FS2100
Field Temperature by client	28.5		°C			9/21/2022	1:05 PM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.90		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF36747	Collection date and time	9/21/2022 1:05 PM
Location Code	CRNEP_RS	Sample Collector	REISTAD/BAKER
Sample Description	Grid #449		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrogen, Total	1.1		mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.13		mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1
Total Suspended Solids	0.800	I	mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	1.26		NTU	0.2	0.8	9/22/2022	6:50 AM	EPA 180.1

Laboratory ID	AF36748	Collection date and time	9/21/2022 2:00 PM
Location Code	CRNEP_EQ	Sample Collector	REISTAD/BAKER
Sample Description	EB Site #449		

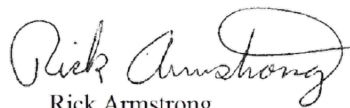
Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.50	U	mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	10/5/2022	3:05 PM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	9/22/2022	9:58 AM	SM 5210 B
Color	1.25	U	CU	1.25	5.00	9/22/2022	11:06 AM	SM21 2120 C
Enterococci	1	U	MPN/100mL	1		9/21/2022	2:57 PM	Enterolert®
Ammonia as N	0.065		mg/L as N	0.014	0.056	10/4/2022	10:09 AM	EPA 350.1
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	9/22/2022	10:54 AM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	9/22/2022	10:54 AM	EPA 353.2
Nitrogen, Organic	0.10	U	mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	9/22/2022	10:45 AM	EPA 365.1
Silica, dissolved as SiO2	0.1	U	mg/L as SiO2	0.1	0.4	9/22/2022	9:23 AM	SM4500-SiO2 C
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	9/26/2022	8:35 AM	EPA 351.2
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	9/26/2022	8:35 AM	TKN + NOX
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	9/26/2022	8:50 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	9/22/2022	7:54 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	9/22/2022	6:50 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).
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy.
- 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 & Chain of Custody Record

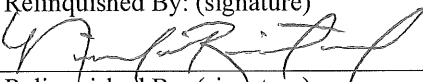
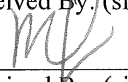
Lab Certification: E45049
LCEL F COC 20150828R1

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information

Billing/Invoice Information

Page 1 of 1

Name: FDEP - South ATTN: Kirby Wolfe Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901 Phone: (239) 344-5719		Name: DNR RE: CCHMN-Tidal Caloosa Address: 1500 Monroe St Ft Myers, FL 33901 Phone: (239) 533-8109		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					
Sample Collector(s) (please print): Nicole Reistad/Monica Jager/Thomas Baker		Sample Collector Signature: 		Analyses Required							
Relinquished By: (signature) 		Date 09/21/22	Time 1448	Received By: (signature) 		\$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	Time	Received By: (signature)							
Relinquished By: (signature)		Date	Time	Received By: (signature)							
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 3.6°C				NP	NPF	S	S	NP	ST		
Collection Date Time		Sample Description & Location		Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
09/21/22 1125		CRNEP_RS #436		SWE	1	1	1	1	2	1	AF36741
09/21/22 1140		CRNEP_RSBOT #436 Bottom		SWE	1	1	1	1	2	1	AF36742
09/21/22 0955		CRNEP_RS #394		SWE	1	1	1	1	2	1	AF36743
09/21/22 1220		CRNEP_RS #442		SWE	1	1	1	1	2	1	AF36744
09/21/22 1235		CRNEP_RSBOT #442 Bottom		SWE	1	1	1	1	2	1	AF36745
09/21/22 1040		CRNEP_RS #404		SWE	1	1	1	1	2	1	AF36746
09/21/22 1305		CRNEP_RS #449		SWE	1	1	1	1	2	1	AF36747
09/21/22 1400		CRNEP_EQ #		SWE	1	1	1	1	2	1	AF36748

**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.