

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: 5/17/2023

Below are the results of samples submitted to this laboratory on 5/3/2023

Laboratory ID	AF57657	Collection date and time	5/3/2023 11:20 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER
Sample Description	Grid #463		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	5.17		mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Pheophytin	11.06		mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	88.4		%	0.1		5/3/2023	11:20 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	1.5		mg/L	0.3	1.2	5/4/2023	10:18 AM	SM 5210 B
Color	73.9		CU	1.25	5.00	5/4/2023	8:49 AM	SM21 2120 C
Specific Conductance, By Client	540		µmhos/cm			5/3/2023	11:20 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	6.95		mg/L			5/3/2023	11:20 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/3/2023	1:43 PM	Enterolert®
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nitrite as N	0.010	I	mg/L as N	0.003	0.012	5/4/2023	1:03 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrate + Nitrite as N	0.012	I	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrogen, Organic	1.1		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN - NH3
Phosphorus, Ortho as P	0.073		mg/L as P	0.005	0.020	5/4/2023	1:40 PM	EPA 365.1
pH, Field (electrometric) by Client	7.80		units			5/3/2023	11:20 AM	FDEP FT1100
Salinity by meter by Client	0.26		SU			5/3/2023	11:20 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.75		meters			5/3/2023	11:20 AM	FDEP FT 1700
Depth of Water Body	1.6		Meters			5/3/2023	11:20 AM	FS2100
Field Temperature by client	27.6		°C			5/3/2023	11:20 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	1.1		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	EPA 351.2
Nitrogen, Total	1.1		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN + NOX
Total Organic Carbon (NPOC)	18		mg/L	1	4	5/8/2023	2:30 PM	SM 5310 B
Phosphorus, Total as P	0.14		mg/L as P	0.006	0.024	5/10/2023	8:41 AM	EPA 365.1

Report Format: NELAC

DOH #E45049



Laboratory ID	AF57657	Collection date and time	5/3/2023	11:20 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER	
Sample Description	Grid #463			

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Total Suspended Solids	7.35		mg/L	0.6	2.4	5/5/2023	8:15 AM	SM 2540 D
Turbidity (Nephelometric)	6.87		NTU	0.2	0.8	5/3/2023	2:26 PM	EPA 180.1

Laboratory ID	AF57658	Collection date and time	5/3/2023	9:00 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER	
Sample Description	Grid #394			

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.66	I	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Pheophytin	2.93		mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	94.6		%	0.1		5/3/2023	9:00 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	1.1	I	mg/L	0.3	1.2	5/4/2023	10:18 AM	SM 5210 B
Color	35.6		CU	1.25	5.00	5/4/2023	8:49 AM	SM21 2120 C
Specific Conductance, By Client	21333		µmhos/cm			5/3/2023	9:00 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	7.07		mg/L			5/3/2023	9:00 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/3/2023	1:43 PM	Enterolert®
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nitrite as N	0.003	I	mg/L as N	0.003	0.012	5/4/2023	1:03 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrogen, Organic	0.95		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN - NH3
Phosphorus, Ortho as P	0.059		mg/L as P	0.005	0.020	5/4/2023	1:40 PM	EPA 365.1
pH, Field (electrometric) by Client	7.85		units			5/3/2023	9:00 AM	FDEP FT1100
Salinity by meter by Client	12.75		SU			5/3/2023	9:00 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	2.65		meters			5/3/2023	9:00 AM	FDEP FT 1700
Depth of Water Body	3.4		Meters			5/3/2023	9:00 AM	FS2100
Field Temperature by client	26.6		°C			5/3/2023	9:00 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.95		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	EPA 351.2
Nitrogen, Total	0.95		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN + NOX
Total Organic Carbon (NPOC)	12		mg/L	1	4	5/8/2023	2:30 PM	SM 5310 B
Phosphorus, Total as P	0.089		mg/L as P	0.006	0.024	5/10/2023	8:41 AM	EPA 365.1
Total Suspended Solids	2.50		mg/L	0.6	2.4	5/5/2023	8:15 AM	SM 2540 D
Turbidity (Nephelometric)	1.07		NTU	0.2	0.8	5/3/2023	2:26 PM	EPA 180.1



Laboratory ID	AF57659	Collection date and time	5/3/2023 9:10 AM
Location Code	CRNEP_RSBOT	Sample Collector	REISTAD/JAEGER
Sample Description	Grid # 394 Bottom		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.90	I	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Pheophytin	1.44	I	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	92.7		%	0.1		5/3/2023	9:10 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	5/4/2023	10:18 AM	SM 5210 B
Color	34.0		CU	1.25	5.00	5/4/2023	8:49 AM	SM21 2120 C
Specific Conductance, By Client	23890		µmhos/cm			5/3/2023	9:10 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	92.7		mg/L			5/3/2023	9:10 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/3/2023	1:43 PM	Enterolert®
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nitrite as N	0.003	I	mg/L as N	0.003	0.012	5/4/2023	1:03 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrogen, Organic	0.68		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN - NH3
Phosphorus, Ortho as P	0.057		mg/L as P	0.005	0.020	5/4/2023	1:40 PM	EPA 365.1
pH, Field (electrometric) by Client	7.97		units			5/3/2023	9:10 AM	FDEP FT1100
Salinity by meter by Client	14.44		SU			5/3/2023	9:10 AM	FDEP FT 1300
Depth of Water Body	3.4		Meters			5/3/2023	9:10 AM	FS2100
Field Temperature by client	26.6		°C			5/3/2023	9:10 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.68		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	EPA 351.2
Nitrogen, Total	0.68		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN + NOX
Total Organic Carbon (NPOC)	12		mg/L	1	4	5/8/2023	2:30 PM	SM 5310 B
Phosphorus, Total as P	0.082		mg/L as P	0.006	0.024	5/10/2023	8:41 AM	EPA 365.1
Total Suspended Solids	2.45		mg/L	0.6	2.4	5/5/2023	8:15 AM	SM 2540 D
Turbidity (Nephelometric)	1.37		NTU	0.2	0.8	5/3/2023	2:26 PM	EPA 180.1

Laboratory ID	AF57660	Collection date and time	5/3/2023 10:15 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER
Sample Description	Grid #435		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.48	I	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Pheophytin	11.02		mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	95.1		%	0.1		5/3/2023	10:15 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	1.0	I	mg/L	0.3	1.2	5/4/2023	10:18 AM	SM 5210 B
Color	58.4		CU	1.25	5.00	5/4/2023	8:49 AM	SM21 2120 C
Specific Conductance, By Client	6434		µmhos/cm			5/3/2023	10:15 AM	FDEP FT1200

Report Format: NELAC

DOH #E45049



Laboratory ID	AF57660	Collection date and time	5/3/2023 10:15 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER
Sample Description	Grid #435		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Oxygen, Dissolved, Electrode, by Client	7.47		mg/L			5/3/2023	10:15 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/3/2023	1:43 PM	Enterolert®
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nitrite as N	0.004	I	mg/L as N	0.003	0.012	5/4/2023	1:03 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrogen, Organic	0.88		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN - NH3
Phosphorus, Ortho as P	0.078		mg/L as P	0.005	0.020	5/4/2023	1:40 PM	EPA 365.1
pH, Field (electrometric) by Client	7.79		units			5/3/2023	10:15 AM	FDEP FT1100
Salinity by meter by Client	3.50		SU			5/3/2023	10:15 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	0.85		meters			5/3/2023	10:15 AM	FDEP FT 1700
Depth of Water Body	2.5		Meters			5/3/2023	10:15 AM	FS2100
Field Temperature by client	26.7		°C			5/3/2023	10:15 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.88		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	EPA 351.2
Nitrogen, Total	0.88		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN + NOX
Total Organic Carbon (NPOC)	16		mg/L	1	4	5/8/2023	2:30 PM	SM 5310 B
Phosphorus, Total as P	0.13		mg/L as P	0.006	0.024	5/10/2023	8:41 AM	EPA 365.1
Total Suspended Solids	5.80		mg/L	0.6	2.4	5/5/2023	8:15 AM	SM 2540 D
Turbidity (Nephelometric)	5.67		NTU	0.2	0.8	5/3/2023	2:26 PM	EPA 180.1

Laboratory ID	AF57662	Collection date and time	5/3/2023 9:55 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER
Sample Description	Grid #423		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.20	I	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Pheophytin	4.37		mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	99.5		%	0.1		5/3/2023	9:55 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	1.1	I	mg/L	0.3	1.2	5/4/2023	10:18 AM	SM 5210 B
Color	55.6		CU	1.25	5.00	5/4/2023	8:49 AM	SM21 2120 C
Specific Conductance, By Client	8649		µmhos/cm			5/3/2023	9:55 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	7.86		mg/L			5/3/2023	9:55 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/3/2023	1:43 PM	Enterolert®
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nitrite as N	0.004	I	mg/L as N	0.003	0.012	5/4/2023	1:03 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2

Report Format: NELAC

DOH #E45049



Laboratory ID	AF57662	Collection date and time	5/3/2023 9:55 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER
Sample Description	Grid #423		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrogen, Organic	0.80		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN - NH3
Phosphorus, Ortho as P	0.074		mg/L as P	0.005	0.020	5/4/2023	1:40 PM	EPA 365.1
pH, Field (electrometric) by Client	8.15		units			5/3/2023	9:55 AM	FDEP FT1100
Salinity by meter by Client	4.81		SU			5/3/2023	9:55 AM	FDEP FT 1300
Water Clarity Secchi Disk, by Client	1.05		meters			5/3/2023	9:55 AM	FDEP FT 1700
Depth of Water Body	2.0		Meters			5/3/2023	9:55 AM	FS2100
Field Temperature by client	26.0		°C			5/3/2023	9:55 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.80		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	EPA 351.2
Nitrogen, Total	0.80		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN + NOX
Total Organic Carbon (NPOC)	15		mg/L	1	4	5/8/2023	2:30 PM	SM 5310 B
Phosphorus, Total as P	0.11		mg/L as P	0.006	0.024	5/10/2023	8:41 AM	EPA 365.1
Total Suspended Solids	2.60		mg/L	0.6	2.4	5/5/2023	8:15 AM	SM 2540 D
Turbidity (Nephelometric)	3.01		NTU	0.2	0.8	5/3/2023	2:26 PM	EPA 180.1

Laboratory ID	AF57664	Collection date and time	5/3/2023 10:45 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER
Sample Description	Grid # 448		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	1.32	I	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Pheophytin	9.50		mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Dissolved Oxygen % Saturation by Client	95.1		%	0.1		5/3/2023	10:45 AM	FDEP FT1500
Biochemical Oxygen Demand 5 day	0.6	I	mg/L	0.3	1.2	5/4/2023	10:18 AM	SM 5210 B
Color	67.0		CU	1.25	5.00	5/4/2023	8:49 AM	SM21 2120 C
Specific Conductance, By Client	1041		µmhos/cm			5/3/2023	10:45 AM	FDEP FT1200
Oxygen, Dissolved, Electrode, by Client	7.57		mg/L			5/3/2023	10:45 AM	FDEP FT1500
Enterococci	10	U	MPN/100mL	10		5/3/2023	1:43 PM	Enterolert®
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nitrite as N	0.006	I	mg/L as N	0.003	0.012	5/4/2023	1:03 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrogen, Organic	0.89		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN - NH3
Phosphorus, Ortho as P	0.076		mg/L as P	0.005	0.020	5/4/2023	1:40 PM	EPA 365.1
pH, Field (electrometric) by Client	8.02		units			5/3/2023	10:45 AM	FDEP FT1100
Salinity by meter by Client	0.51		SU			5/3/2023	10:45 AM	FDEP FT 1300

Report Format: NELAC

DOH #E45049



Laboratory ID	AF57664	Collection date and time	5/3/2023 10:45 AM
Location Code	CRNEP_RS	Sample Collector	REISTAD/JAEGER
Sample Description	Grid # 448		

Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Water Clarity Secchi Disk, by Client	1.15		meters			5/3/2023	10:45 AM	FDEP FT 1700
Depth of Water Body	1.8		Meters			5/3/2023	10:45 AM	FS2100
Field Temperature by client	26.9		°C			5/3/2023	10:45 AM	FDEP FT1400
Nitrogen, Kjeldahl, Total	0.89		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	EPA 351.2
Nitrogen, Total	0.89		mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN + NOX
Total Organic Carbon (NPOC)	17		mg/L	1	4	5/8/2023	2:30 PM	SM 5310 B
Phosphorus, Total as P	0.12		mg/L as P	0.006	0.024	5/10/2023	8:41 AM	EPA 365.1
Total Suspended Solids	2.90		mg/L	0.6	2.4	5/5/2023	8:15 AM	SM 2540 D
Turbidity (Nephelometric)	3.43		NTU	0.2	0.8	5/3/2023	2:26 PM	EPA 180.1

Laboratory ID	AF57665	Collection date and time	5/3/2023 12:15 PM
Location Code	CRNEP_EQ	Sample Collector	REISTAD/JAEGER
Sample Description	EB Site #463		

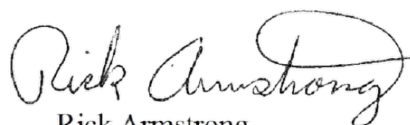
Analyte Name	Result	Qualifier	Units	MDL	PQL	Analysis Date	Analysis Time	Analysis Method
Chlorophyll a - corrected for Pheophytin	0.50	U	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Pheophytin	0.50	U	mg/M3	0.5	2.0	5/15/2023	7:20 AM	SM21 10200 H
Biochemical Oxygen Demand 5 day	0.3	U	mg/L	0.3	1.2	5/4/2023	10:18 AM	SM 5210 B
Color	1.25	U	CU	1.25	5.00	5/4/2023	8:49 AM	SM21 2120 C
Enterococci	1	U	MPN/100mL	1		5/3/2023	1:43 PM	Enterolert®
Ammonia as N	0.014	U	mg/L as N	0.014	0.056	5/5/2023	8:48 AM	EPA 350.1
Nitrite as N	0.003	U	mg/L as N	0.003	0.012	5/4/2023	1:03 PM	EPA 353.2
Nitrate as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrate + Nitrite as N	0.010	U	mg/L as N	0.01	0.04	5/4/2023	1:03 PM	EPA 353.2
Nitrogen, Organic	0.100	U	mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN - NH3
Phosphorus, Ortho as P	0.005	U	mg/L as P	0.005	0.020	5/4/2023	1:40 PM	EPA 365.1
Nitrogen, Kjeldahl, Total	0.10	U	mg/L as N	0.10	0.4	5/10/2023	8:39 AM	EPA 351.2
Nitrogen, Total	0.100	U	mg/L as N	0.10	0.4	5/10/2023	8:39 AM	TKN + NOX
Total Organic Carbon (NPOC)	1.000	U	mg/L	1	4	5/8/2023	2:30 PM	SM 5310 B
Phosphorus, Total as P	0.006	U	mg/L as P	0.006	0.024	5/10/2023	8:41 AM	EPA 365.1
Total Suspended Solids	0.6	U	mg/L	0.6	2.4	5/5/2023	8:15 AM	SM 2540 D
Turbidity (Nephelometric)	0.20	U	NTU	0.2	0.8	5/3/2023	2:26 PM	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



GCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 463	Region: 1 2	Blank Time: 1215	Blank WIN Code:							
Time: 1120	Sonde: PRESIDENT CAMACHO 3 4 5		DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.70592875	Lat: 26.70599		Wind dir/spd: NW / 3 mph or knots (circle)								
Long: -81.78269306	Long: -81.78262		Wave ht: 0.0 ft (m) (Circle)								
Samplers/FDEP: (NR) (MJ) WM TB GS JB			Cld cover (%): 100 Hazy (Circle) Fog Rain								
Sampler Signature: [Signature]			Tide Level: LS LR LF L=Low; M=Mid, H=High								
Water Depth & Secchi:			MR MF (HR) HS HF S=Slack, R=Rising, F=Falling								
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Water Data: (0.01)							
1.6	0.8	0.7	0.75	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1120	0.5	27.6	540	0.26	6.95	88.4	7.80
BOTTOM TYPE: seagrass (mud) sand hard bottom UNK					1						
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		2						
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:	NO	/	/		4						
Time:					5						
Depth (m)	Deck	m	m		6						
Reading:	/	PAR	/	1122	Bottom Depth 1.1	27.6	540	0.26	6.66	84.6	7.83
Time:					Blank						
Depth (m)	Deck	m	m	Additional Comments & Observations:							
Reading:	/	/	DATA								
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip) Time:								Type	SID		
Air:	UW Shallow:	UW Deep:						FLO			

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Nicole Reistad (239) 344-5718

Page _____ of _____

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 394	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 0900	Sonde: PRESIDENT CAMACHO 3 4 5		DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP		394	Bottom Time: 0910	Bottom WIN Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.53456292	Lat: 26.534316	Wind dir/spd: NW / 5 mph or knots (circle)		
Long: -81.95357311	Long: -81.95353	Wave ht: 0.1 ft (m) (Circle)		
Samplers/FDEP: NF M WM TB GS JB		Cld cover (%): 60 Hazy ☒ Clear ☐ Fog ☐ Rain ☐		
Sampler Signature: [Signature]		Tide Level: LS LR LF L=Low; M=Mid, H=High		
		MR MF HR HS HF S=Slack, R=Rising, F=Falling		
Water Depth & Secchi:		Water Data: (0.01)		
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	
3.4	2.7	2.6	2.65	
BOTTOM TYPE: seagrass mud sand hard bottom UNK				
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time:				
Depth (m)	Deck	m	m	
Reading:				
Time:				
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations: LI-COR sensors are being serviced, so no PAR data this sampling trip.				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				
Air: UW Shallow: UW Deep:				
Type				SID
FLO				

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Nicole Reistad (239) 344-5718

Page ____ of ____

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 06/03/2023	Site# 435	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 1015	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.63576783		Lat: 26.63581		Wind dir/spd: NW 10 mph or knots (circle)							
Long: -81.89584297		Long: -81.89554		Wave ht: 0.1 ft (m (Circle))							
Samplers/FDEP: NR MJ WM TB GS JB				Cld cover (%): 80 Hazy Clear Fog Rain							
				Tide Level: LS LR LF L=Low; M=Mid, H=High							
Sampler Signature: [Signature]				MR MF HR HS HF S=Slack, R=Rising, F=Falling							
Water Depth & Secchi:				Water Data: (0.01)							
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
2.5	0.9	0.8	0.85	1015	0.5	26.7	6434	3.50	7.47	95.1	7.79
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1017	1						
PAR Data: (umol/m²/s)				1018	2						
Air Sensor					3						
Shallow In-Water Sensor					4						
Deep In-Water Sensor					5						
Depth (m)	Deck	0.5 m	1.0 m		6						
Reading:	NO	/	/		7						
Time:					Bottom Depth	2.0	26.9	11,488	6.52	5.42	70.6
Depth (m)	Deck	m	m	1018	Blank						
Reading:	/	PAR	/	Additional Comments & Observations:							
Time:	/	/	DATA								
Pre/Post PAR readings; (Only on 1st & last sample of trip)						Time:		Type	SID		
Air: UW Shallow: UW Deep:								FLO			

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600
 FWC: Sarah Erickson or Tony Yard (941) 613-0945
 FDEP: Nicole Reistad (239) 344-5718

Page ____ of ____

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 423	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 0955	Sonde: PRESIDENT 3 4 5		DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.60581807	Lat: 26.60584	Wind dir/spd: NW/10 mph or knots (circle)		
Long: -81.90310306	Long: -81.90306	Wave ht: 0.15 ft (m) (Circle)		
Samplers/FDEP: (NR) (MJ) WM TB GS JB		Cld cover (%): 0.5 Hazy (Clear) Fog Rain		
Sampler Signature: [Signature]		Tide Level: LS LR LF L=Low; M=Mid, H=High		
Water Depth & Secchi:		(MR) MF HR HS HF S=Slack, R=Rising, F=Falling		
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Water Data: (0.01)
2.0	1.1	1.0	1.05	
BOTTOM TYPE: seagrass (mud) sand hard bottom UNK				
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	
Depth (m)	Deck	0.5 m	1.0 m	
Reading:	NO			
Time:				
Depth (m)	Deck	m	m	
Reading:		PAR		
Time:				
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations:				
DATA				
Pre/Post PAR readings; (Only on 1st & last sample of trip) Time:				
Air:	UW Shallow:	UW Deep:		Type SID
				FLO

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Nicole Reistad (239) 344-5718

Page ____ of ____

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 448	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 1045	Sonde: PRESIDENT CANAL	3 4 5	DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.6703172	Lat: 26.67026	Wind dir/spd: NW / 5-10 (mph) or knots (circle)		
Long: -81.85925088	Long: -81.85928	Wave ht: 0.1 ft (m) (Circle)		
Samplers/FDEP: (NR) (MJ) WM TB GS JB		Cld cover (%): 65 Hazy () Clear () Fog () Rain ()		
Sampler Signature: [Signature]		Tide Level: LS LR LF L=Low, M=Mid, H=High		
Water Depth & Secchi:		MR MF HR HS HF S=Slack, R=Rising, F=Falling		
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Water Data: (0.01)
1.8	1.2	1.1	1.15	Time: 1045
BOTTOM TYPE: seagrass (mud) sand hard bottom UNK				Sample Depth (m)
PAR Data: (umol/m ² /s)				Water Temp. (°C)
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		Conductivity (mS/cm)
Depth (m)	Deck	0.5 m	1.0 m	Salinity (‰)
Reading:	NO	/	/	Dissolved Oxygen (mg/l)
Time:				Dissolved Oxygen (%)
Depth (m)	Deck	m	m	pH
Reading:	/	PAR	/	NR
Time:				7.29
Depth (m)	Deck	m	m	8.02
Reading:	/	/	/	
Time:				
Depth (m)	Deck	m	m	
Reading:	/	/	/	
Time:				
Additional Comments & Observations:				
DATA				
Pre/Post PAR readings; (Only on 1st & last sample of trip) Time:				
Air:	UW Shallow:	UW Deep:	Type	SID
			FLO	

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Nicole Reistad (239) 344-5718

Page ____ of ____

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

LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049

LCEL_F_COC_20150828R1

Page 1 of 1

Report/Result Information

Billing/Invoice Information

Name: Tidal Caloosa	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
Distrib List: FDEP - South	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 Reistad/Monica Jaeger

Sample Collector Signature:

Analyses Required

Relinquished By: (signature)	Date	Time	Received By: (signature)	\$Chloroa, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Bod, Bodi	Enter
	05/03/23	13:39							
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: 4.6

NP NPF S S NP ST

Preservatives (see codes)

Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
05/03/23	1120	CRNEP_RS #463	SWE	1	1	1	1	2	1	AF57657
05/03/23	0900	CRNEP_RS #394	SWE	1	1	1	1	2	1	AF57658
05/03/23	0910	CRNEP_RS #394 Bottom	SWE	1	1	1	1	2	1	AF57659
05/03/23	1015	CRNEP_RS #435	SWE	1	1	1	1	2	1	AF57660
		CRNEP_RS #435 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF57661
05/03/23	0955	CRNEP_RS #423	SWE	1	1	1	1	2	1	AF57662
		CRNEP_RS #423 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF57663
05/03/23	1045	CRNEP_RS #448	SWE	1	1	1	1	2	1	AF57664
05/03/23	1215	CRNEP_EQ #463		1	1	1	1	2	1	AF57665

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.