



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: ShellCreekReservoirMid **Date:** 9/28/2021
WIN/Field ID: G3SD0204 **WBID:** 2041B **ENR:** - **Latitude:** 26.9827
County: CHARLOTTE **Org ID:** 21FLFTM **Longitude:** -81.93
Receiving Body of Water: Sarasota Bay - Peace - Myakka **RQ:** 2021-09-27-43

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Thomas Baker		x		x	
☒	Monica Jaeger	x		x		
☒	John Barrington					x
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☐ Pole
Depth measured with: Secchi	
Secchi Equipment ID: DEEP BLUE	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other _____	☒ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID# PRO MOVE					
Photos: NO		Flow: NA		Tide:		Tide Times: High: Low:					
Biological Samples Collected: ☐ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☒ LVI Other:											
SBIO ID Numbers:											
Notes:											

Duplicate Sample

Time Zone: EST	Time:	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone:	Time:	Field ID:	(Blank Type_DDDMMYYY)
DI Source:		Location:	
DI Type:		Equipment ID:	
DI Container (Name/ID):		DI Container Type:	

LIMS EVENT ID: WIN Import ID:
Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:
(Initials/Date) (Initials/Date)
Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-09-27-43

Customer: WQAP

Project ID: SMP

Collected By: Thomas Baker, Monica Jaeger

Field Report Prepared By: Thomas Baker

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3SD0204

Location: ShellCreekReservoirMid

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)		
	1055 EST	2.69	34.4	27.9	6.46	0.3	0.5 ☐ VOB (S)	1.4	353.1	0.17		
9/28/2021												
	EST											
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group		
Preserved Nutrients (P-500ML)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☐ H2SO4*		☒ <2	1	A		
		Lot #	SA1105060		Exp:	4/30/22						
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	A		
		Lot #	NA0344060		Exp:	1/4/22						
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	A		
		Filter Lot #	17162587									
		Syringe Lot #	1091364									
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A		
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A		
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice						
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC	Formalin Lot #			☐ Formalin						
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice						
Microbiology (Contract Lab Bottle)		☐ E Coli ☐ F Coli ☐ Enterococci				☐ Ice						
Molecular (QPCR-P-500ML)		☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3				☐ Ice						
		☐ PCR-GULL2 ☐ PCR-GFD ☐				☐ Ice						
Tracers (BG-500ML)		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice			1	A		
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	WE8321-MS	W-PSNP-TQ	W-CT-CL-R	☐ Ice						
Phytoplankton/Periphyton		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)			☐ Ice						
				DTY-QN-C		☐ Ice						
				PKD-QN-BV								
Name: Thomas Baker Monica Jaeger					Signature:				Date:			

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Waterbody: <u>Shell Creek Reservoir</u>				County: <u>Charlotte</u>				Date: <u>9/28/2021</u>							
Analyst: <u>John B. Bopp</u>				Signature: <u>[Signature]</u>				STORET:							
Except where noted as "sp." species level identification required. *Genera that may require lab verification* Plants in bold = FLEPPC invasive exotic.								Lake units sampled (circle one group): 1, 4, 7, 10 2, 5, 8, 11 3, 6, 9, 12							
It is important to note dominant or co-dominant taxa (by areal extent) for each unit. Use "D" to denote dominant taxon, or "C" for the 2 co-dominant taxa.															
TREATED															
SPECIES				Collected? (✓)				SPECIES				Collected? (✓)			
Acer rubrum				✓				Habenaria repens							
Alternanthera philoxeroides				✓				Hydrilla verticillata							
Andropogon sp.								Hydrocotyle sp.				✓			
Azolla filiculoides (A. caroliniana)								Hygrophila polysperma							
Baccharis sp.								*Hypericum fasciculatum							
Bacopa caroliniana								*Hypericum hypericoides							
Bacopa monnieri								*Hypericum myrtifolium							
Bidens laevis								Ilex cassine				✓			
Bidens mitis								Ipomoea aquatica							
Blechnum serrulatum								Ipomoea sagittata							
Boehmeria cylindrica								Itea virginica							
Brasenia schreberi								Juncus effusus							
Cabomba caroliniana								*Juncus marginatus							
Casuarina equisetifolia								*Juncus megacephalus							
Centella asiatica								Juncus repens							
Cephalanthus occidentalis				✓				*Juncus scirpoides							
Ceratophyllum demersum								Lachnanthes caroliniana							
Chara sp.								Leersia hexandra							
Cladium jamaicense				✓				Landoltia punctata (Spirodela punctata)							
Cliftonia monophylla								Lemna sp.							
Colocasia esculenta				✓				Leucothoe racemosa (Eubotrys racemosa)							
*Commelina								Limnium spongia							
Grinum americanum								Limnophila sessiliflora							
*Cyperus alternifolius (C. involucratus)								Liquidambar styraciflua							
Cyperus articulatus								*Ludwigia arcuata							
Cyperus haspan								*Ludwigia leptocarpa				✓			
*Cyperus lecontei								*Ludwigia linearis							
*Cyperus polystachyos								*Ludwigia octovalvis							
*Cyperus odoratus								*Ludwigia peruviana				✓			
*Cyperus surinamensis								*Ludwigia repens				✓			
Cyrilla racemiflora								*Ludwigia							
Decodon verticillatus								Luziola fluitans (Hydrochloa carolinensis)							
Diodia virginiana								Lyonia lucida							
*Echinochloa crus-galli								Magnolia virginiana							
*Echinochloa muricatum								Mayaca fluviatilis							
Echinochloa walteri								Melaleuca quinquenervia							
Eclipta prostrata (E. alba)								Micranthemum glomeratum							
Egeria densa								Micranthemum umbrosum							
Eichhornia crassipes				✓				Mikania scandens				✓			
*Eleocharis baldwinii								Mimosa pigra							
*Eleocharis								Myrica cerifera				✓			
Eleocharis cellulosa															
Eleocharis equisetoides								<u>Acrostichum danaiifolium</u>				✓			
Eleocharis interstincta															
*Eriocaulon compressum								<u>Unknown Fern</u>				✓			
*Eriocaulon decangulare								<u>Quercus sp.</u>				✓			
Eupatorium capillifolium								<u>Annona glabra</u>				✓			
*Fuirena															
Fuirena scirpoidea															
Gordonia lasianthus															

FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

Site: <u>SHOUL CREEK RESERVOIR</u>						Date: <u>9/25/21</u>					
SPECIES	1	4	7	10	Collected? (✓)	SPECIES	1	4	7	10	Collected? (✓)
Myriophyllum aquaticum						Salix caroliniana	✓	✓	✓	✓	
*Myriophyllum heterophyllum						Salvinia minima	✓		✓	✓	
*Myriophyllum laxum						Sambucus canadensis					
*Myriophyllum pinnatum						Sapium sebiferum					
Myriophyllum spicatum						Saururus cernuus					
*Najas filifolia						Schinus terebinthifolius			✓	✓	
*Najas guadalupensis						*Schoenoplectus californicus					
*Najas minor						*Schoenoplectus pungens					
Nelumbo lutea						*Schoenoplectus tabernaemontani (Scirpus validus)	✓	✓			
Nitella spp.						Scirpus cubensis (Oxycaryon cubense)				✓	
Nuphar sp.	✓	✓	✓	✓		Scirpus cyperinus					
Nymphaea odorata						*Sesbania					
Nymphoides aquatica						Solidago sp.					
Nyssa sylvatica var. biflora						Sparganium americanum					
Orontium aquaticum						Spartina bakeri					
Osmunda cinnamomea						Spirodela polyrhiza					
Osmunda regalis						Taxodium sp.					
Panicum hemitomon						Thalia geniculata					
Panicum repens	✓		✓	✓		Thelypteris palustris	✓		✓	✓	
Paspalidium geminatum						Triadenum virginicum					
*Paspalum repens			✓	✓		Typha sp.	✓	✓	✓	✓	
Paspalum urvillei						Urochloa mutica (Brachiaria mutica)	✓	✓	✓	✓	
Peltandra sp.						*Utricularia gibba (U. biflora)					
Persea sp.						*Utricularia floridana					
Pennisetum purpureum						*Utricularia foliosa					
Phragmites australis	✓	✓	✓	✓		*Utricularia inflata					
Pinus elliotii						*Utricularia purpurea					
Pistia stratioides	✓	✓	✓	✓		*Utricularia cornuta					
Pluchea sp.						*Utricularia radiata					
*Polygonum glabrum (densiflorum)	✓	✓	✓			Vallisneria americana					
*Polygonum hydropiperoides						*Websteria confervoides					
*Polygonum punctatum						Wedelia trilobata (Sphagneticola trilobata)					
*Polygonum						Wolffiella spp.					
Pontederia cordata						Woodwardia virginica					
*Potamogeton diversifolius						Xyris sp.					
*Potamogeton illinoensis						Zizania aquatica					
*Potamogeton pusillus						Zizaniopsis milacea					
*Potamogeton pectinatus (Stuckenia pectinatus)											
Proserpinaca pectinata						<i>Syzgium Cumini</i>			✓		
*Rhexia						<i>Sernoa repens</i>	✓				
*Rhynchospora corniculata						<i>nitus</i>				✓	
*Rhynchospora inundata										✓	
Rhynchospora tracyi											
Ricciocarpus natans											
Sabal palmetto											
Sacciolepis striata											
*Sagittaria filiformis											
*Sagittaria graminea											
*Sagittaria isoetiformis											
Sagittaria lancifolia											
Sagittaria latifolia											