

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

STRATEGIC MONITORING PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCVYes ☒ No ☐

WIN Station Name:		KELL AIRE LAKE				Sample Date:		6/14/2023	
WIN / Field ID:	G3NW0217	ORG ID:	21FLPNS	ENR:	-	Latitude:	30.40432		
County:	OKALOOSA	WBID:	906B	LAKE		Longitude:	-86.48244		
Receiving Body of Water:		Joels Bayou				RQ-	2023-06-12-63		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Frank Butera	x	x	x		
Hannah Henning		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
x	Syringe		Pole
Syringe Lot# 1363514		Filter Lot# 17460495	
Secchi Equipment ID:		Secchi - 2	
Collection Method			
	Wading	x	Canoe/Kayak
	From Shore		Electric Motor
			Gasoline Motor
Depth Measured With		Meter	

Water Level:	Normal
Flow:	NA
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	Yes
Meter ID:	Trend YSI
Depth Gauge ID:	depth_gauge

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT)
CEN	1030	2	0.3	8.37	111.1	29.9	9.12	0.4	203.8	0.09
	1035		1.5	0.06	0.7	27.3	6.15		271	0.13

Biological Samples Collected:		HA LVI	
SBIO Visit ID: 87832	HA ID: 18560	RPS ID: N/A	Macrophyte ID: 12496
LIMS Sample ID Entered		Into The Macrophyte Module: 2417556	

Parameter Suite	Parameter Methods (LIMS Test Codes)	Preservation				
		Type	Lot#	Expiration Date	pH Check	
Microbiology						
Chlorophyll	CHLSUITE-W	ICE				
Physical/Aggregate	ALKALINITY, TURBIDITY, W-F, W-TSS	ICE				
Nutrients	W-CL-IC, W-COLOR, W-SO4-IC, W-TDS	ICE				
Filtered Nutrients	W-PO4-F Field Filtered 0.45 µm Filter	ICE	Syringe Lot#:1363514; Filter Lot#:17460495			
Acid Preserved Nutrients	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	ICE	H2SO4*	SA2299040	11/04/2023	H2SO4 pH<2
Metals	W-ICPMS W-ICP W-HARD	ICE	HNO3**	NA2230040	09/01/2023	HNO3 pH<2
Organics (LC)	W-E8321-MS					
Macroinvertebrates						
Organics (GC)	W-PSNP-TQ W-TR-SQ-R	Ice	*2.0 ml of H2SO4 Used Unless Noted Otherwise **2.0 ml of HNO3 Used Unless Noted Otherwise			
Molecular						
Periphyton						
Phytoplankton						
BOD						
DOC						
Other(s)						
Field Comments:	Hot! Very Green.					
Comments on COC:						
Relinquish Date:	06/14/2023	Signature:				

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)Save Field Sheets on Network: _____ Migrate Data to WIN: _____
(Initials/Date) (Initials/Date)

Site Name Kell-Aire Lake

Date: 06/14/2023

WIN-ID G3NW0217

Field ID G3NW0217

Project: SMP/TMDL Studies

Visit ID 87382

RQ: 2023-06-12-63

Macro ID 12496

LIMS ID: 2417556

HA ID 18560

WBID: 906B

☒ LVI

☒ Sample Site Created in SBIO

☒ Phys/Chem in SBIO Initial FB

☒ HA entered in SBIO Initial FB

☒ LVI entered in SBIO Initial FB

☒ Plants getting verified

☒ Plants verified

☒ Macro ID authorized in SBIO

☒ Macro ID score: 8 8

☒ Date and Initial QA: [Signature]

☒ Date and Initial QA: [Signature] HA Score 24

☒ Date and Initial QA: [Signature]

☒ Date submitted: 6/14/2023

☒ Date returned: 6/15/2023

☒ Date and Initial: 8/15/23, FB

☒ If SMP, scanned into database

Notes:

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

SAMPLE ID: 87382 MACROPHYTE ID: 12496 LATITUDE: N 30.40432
 COUNTY: Okaloosa (Destin) STORET #: G3NW0217 LONGITUDE: W -86.482439
 DATE: 6/14/2023 TIME: 10:30 CTZ SAMPLING AGENCY: FL DEP - NWROC
 SITE NAME: Kell-Aire Lake WBID: 906B
 FIELD ID/NAME: G3NW0217 LAKE SIZE: 8.48 acres RQ: 2023-06-12-63
 WATERSHED / LAKESIDE FEATURES Project: SMP / TMDL Studies LIMS ID: 2417556

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category – from GIS):										LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)											
Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)														
Local Watershed Erosion (select one): ☐ None ☐ Slight ☐ Moderate ☒ Heavy								Artificially Impounded ☒ Yes ☐ No													
Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☐ Moderate ☒ Heavy																					
STORMWATER INPUTS		Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation			Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place			Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place			Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place										
		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
LAKESIDE ALTERATIONS		Very few man-made structures, roads, or other disturbance adjacent to lake (<10% lakeside affected)			Moderate disturbance visible - structures, roads or other (10%-49% lakeside affected)			Many structures, roads or other human disturbance visible (50%-70% lakeside affected)			Highly developed or disturbed (>70% of lakeside affected)										
		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
BUFFER ZONE		Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer			89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer			50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer			< 29% of shoreline with >18m buffer										
		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

WATER / SUBSTRATE / BIOLOGICAL: SAMPLES AND OBSERVATIONS

Water: Nutrient Sample Taken? ☒ Yes ☐ No Preserved? ☒ Yes ☐ No pH < 2 ☐ No Color Sample Taken? ☒ Yes ☐ No Lot # <u>SA-2299040</u> Exp. Date: <u>11/04/2023</u> Alkalinity Sample Taken? ☒ Yes ☐ No Water Level ☐ Low ☒ Normal ☐ High										Water Odors: ☒ Normal ☐ Sewage ☐ Petroleum ☐ Other _____									
Meter Readings: Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. Sat. (%) Cond. (UMHO/CM) Salinity (PPT) Top: <u>0.3</u> <u>29.9</u> <u>9.12</u> <u>8.37</u> <u>111.1</u> <u>203.8</u> <u>0.09</u> Mid-Depth: <u>1.5</u> <u>27.3</u> <u>6.15</u> <u>0.06</u> <u>0.7</u> <u>271</u> <u>0.13</u> Bottom: <u>1.5</u> <u>27.3</u> <u></u> <u></u> <u></u> <u></u> <u></u>										Water Surface Oils: ☒ None ☐ Sheen/Slick ☐ Glob ☐ Other _____									
Meter ID: <u>TREND</u>										Clarity: ☐ Clear ☒ Turbid ☐ Slightly Turbid Color: ☐ Clear ☐ Tannic ☒ Green									
Sediment Type: (may check more than one) ☐ Sandy ☐ Organic fibrous (peaty, CPOM) ☐ Vegetated ☒ Sand/Silt ☒ Organic smooth (muck) ☐ Other (Specify): _____										SECCHI (M) <u>0.4</u> Total Station Depth (M) <u>3.0</u> VOB ☐									
Biological Communities: LVI Conducted? ☒ Yes ☐ No Phytoplankton Sample Taken? ☐ Yes ☒ No Sample Preserved? ☐ Yes ☐ No Lot #: _____ Exp Date: _____ Algal Bloom/Algal ID Sample Taken? ☐ Yes ☐ No Active Vegetation Mgmt? ☐ Yes ☒ No ☒ Don't Know										Sediment Odors: ☐ Normal ☐ Other (Specify): _____ ☒ Anaerobic									
Abundance: Absent Rare Common Abundant Periphyton ☐ ☐ ☐ ☒ Nuisance Plants ☐ ☐ ☐ ☒ Submersed Plants ☐ ☒ ☐ ☐ Exotic Apple Snails ☒ ☐ ☐ ☐										Additional Notes: <u>Water e 10:30</u> <u>Algae bloom</u> <u>pink lake.</u> <u>swirling</u>									
Weather Conditions: <u>Sunny, Hot. Vegetation - mostly currently suspended.</u>																			
SAMPLING TEAM: Frank Butera, <u>Hannah Henning</u>										SIGNATURE: <u>[Signature]</u>					DATE: <u>6/14/23</u>				

DEP Form FD 9000-6: Lake Habitat Assessment Field Sheet

STORET STATION NUMBER: G3NW0217	DATE (M/D/Y) <u>6/14/2023</u>	LAKE NAME <u>Kell-Aire Lake</u>		FIELD ID / NAME G3NW0217
WBID: 906B	COUNTY: <u>Okaloosa</u>	SAMPLING LOCATION/DESCRIPTION: SMP / TMDL Studies. Destin, FL		LAKE SIZE: 8.48 acres
PARAMETER	No surface inflow or outflow present, very long water residence time, groundwater seepage dominates ☐	Surface water inflow present, but flow is rare, moderate to long water residence time ☐	Surface water inflow and outflow present (or outflow only), sometimes with visible flow, short water residence time ☐	Impounded, hydrology of system artificially controlled ☒
HYDROLOGY				
Color	Very clear, uncolored water (benthic sampling appropriate) ☐	Water somewhat tannin stained (benthic sampling appropriate) ☒	Dark, discolored water (water color 20 PCU or higher) ☐	Visibility extremely reduced due to high color ☐
	Optimal	Suboptimal	Marginal	Poor
Secchi	Secchi >3 m Or VOB	3 2.6 2.2 1.8 1.4	1.0 0.9 0.8 0.7 0.6	0.5 0.4 0.3 0.2 0.1
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Vegetation Quality	Diverse, expected native vegetation (emergent or submersed), less than 5% nuisance taxa ☐	Mostly expected native plants, but moderate growths (6%-20% of lake) of nuisance macrophytes, or more than 50% of lake covered with plants ☐	Large masses (21%-40%) of nuisance macrophytes (e.g., Hydrilla, hyacinth, cattail, etc.) or algal mats ☐	Lake choked (>40%) with nuisance macrophytes (duckweed, hyacinth, etc.) or algal mats, or few plants present at all (e.g., plants removed) ☒
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Stormwater Inputs	Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation ☐	Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place ☐	Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place ☐	Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place ☐
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Bottom Substrate Quality	Diverse mixture of sand, detritus, with small amounts of CPOM/mud/muck. SAV may be present ☐	Mixture of sand or clay and detritus with higher % CPOM/mud/muck content. SAV may be present ☐	Moderate layer of CPOM/mud/muck, or hardpacked sand only, or moderate algal growth (mats or Chara) on bottom ☐	Thick deposits of CPOM, or fine detritus and anaerobic muck/mud/silt, or algal growth or nuisance plants (Hydrilla) cover bottom ☐
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Lakeside Adverse Human Alternations	Very few man-made structures, roads, or other disturbance adjacent to lake (<10%) ☐	Moderate disturbance visible (structures, roads or other), 10%-49% lakeside affected ☐	Many structures, roads or other human disturbance visible (50%-70%) lakeside affected ☐	Highly developed or disturbed (>70% of lakeside affected) ☐
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Upland Buffer Zone	Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer ☐	89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer ☐	50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer ☐	< 29% of shoreline with >18m buffer ☐
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Adverse Watershed Land Use	Score the potential effects from adverse human land uses, based on a continuum of amount and type, with least to most adverse as follows: Native vegetation, Silviculture, Pasture or Citrus, Low Density Residential, Row Crops, Commercial, High Density Residential, Urban, Industrial ☐			
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1

TOTAL SCORE	<u>24</u>	COMMENTS: <u>Highly Eutrophic - Bottom Anoxic pH 9.12!</u>
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ANALYSIS DATE: <u>6/14/23</u>	ANALYST: <u>Frank Butera</u>	SIGNATURE: <u>[Signature]</u>
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SBIO Sample ID: 878325 HA ID: 18564 QC:

87332

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Waterbody: Kell-Aire Lake					County: Okaloosa					Date: 6/14/13				
Analyst: F. Butera					Signature: <i>[Signature]</i>					STORET: G3NW0217				
Except where noted as "sp." species level identification required. *Genera that may require lab verification*										Lake units sampled (circle one group):				
Plants in bold = FLEPPC invasive exotic.										1, 4, 7, 10 2, 5, 8, 11				
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.										3, 6, 9, 12				
SBIO ID: 87382	1	4	7	10	Collect ed? (✓)	Macro ID: 12496	1	4	7	10	Collect ed? (✓)			
SPECIES						SPECIES								
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 (Spiro. punctata)								
Cliftonia monophylla						Lemna sp.								
Colocasia esculenta						Leucothoe racemosa (E. racemosa)								
*Commelina						Limnium spongia								
Crinum 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								
Cyrtilla racemiflora						*Ludwigia								
Decodon verticillatus						Luziola fluitans (H. 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						Andropogon (sp.)								
Eleocharis equisetoides						Cyperus								
Eleocharis interstincta						Bacopa								
*Eriocaulon compressum						Camellia tree								
*Eriocaulon decangulare						Arundinaria gigantea								
Eupatorium capillifolium														
*Fuirena														
Fuirena scirpoidea														
Gordonia lasianthus														
LIMS ID: 2417556														

87332

**Schoenoplectus tabernaemontani* = *Scirpus validus*

Station: Kell-Aire Lake
 GPS Dec. 30.40432 x -86.48244
 Storet: G3NW0217 WBID 906B
 Sample ID: 87382 Vascular ID: 12496
 RQ-2023-06-12-63

Sampled : 06/14/2023
 Sampled By: F.Butera, H. Henning
 Location: Destin, Okaloosa County
 Receiving Waters: Joe's Bayou
 LIMS ID: 2417556

	Taxa	1	4	7	10	Coll.	Verified
1	<i>Acer rubrum</i>		1				
2	<i>Alternanthera philoxeroides</i>	C	C	C	C		
3	<i>Arundinaria gigantea</i>				1		
4	<i>Bidens mitis</i>	1	1	1			
5	<i>Boehmeria cylindrica</i>	1	1	1	1		
6	<i>Colocasia esculenta</i>	C	C	C	C		
7	<i>Eichhornia crassipes</i>		1		1		
8	<i>Hydrocotyle</i> sp.		1				
9	<i>Hypericum hypercoides</i>		1			Y	A O'Neal
10	<i>Lycopus</i> sp.	1			1		
11	<i>Mikania scandens</i>	1	1				
12	<i>Myrica cerifera</i>	1		1			
13	<i>Osmunda cinnamomoea</i>			1			
14	<i>Panicum repens</i>	1	1	1	1		
15	<i>Pistia stratiotes</i>				1		
15	<i>Rhus copallinum</i>		1				
16	<i>Rubus</i> sp.		1				
17	<i>Sapium sebiferum</i>			1			
18	<i>Taxodium</i> sp.	1					
19	<i>Triadenum virginicum</i>			1			
20	<i>Utricularia floridana</i>		1		1		
21	<i>Vitis</i> sp.		1	1	1		
22	<i>Woodwardia areolata</i>	1	1				
	Taxa per section	10	14	10	10	Herb. Taxa	16
	Exotic Present	3	4	4	5	Woody Taxa	5
	Avg. taxa per section	11				Ferns	2
	sections with exotics	4				Macro Algae	0
	Exotic Taxa	5	Exotics per Section: 4.0			Total Taxa	23

Seen but not counted (Not approp. For LVI or Not in surveyed segment)

Taxon	Section	Section	Section	Section	Exclusion
<i>Lyngbya</i>	1	4	7	10	Algae. Not vascular
<i>Algae</i>	1	4	7	10	Algae. Not vascular
<i>Cinnamomum camphora</i>			7		FACU Camphor Tree
<i>Cortaderia selloana</i> (Pampas Grass)				10	FACU (upland)

Metric	Rep. 1	Rep. 2	Rep. 3	Rep. 4	LVI Average
LVI 2012	22	8	0	0	8
Native Percentage	70	64.29	60	50	61.07
FLEPPC Pct (Exotic)	20	21.43	30	40	27.86
Total Taxa	10	15	10	9	22
C of C over 7.0	10	0	0	0	2.50
Dominant Taxa	C. coocasia, A. philoxer.	C. coocasia, A. philoxer.	C. coocasia, A. philoxer.	C. coocasia, A. philoxer.	C. coocasia, A. philoxer.
C of C Dominant	0	0	0	0	0.00

DEP-SOP-001/01
FS 7000 General Biological Community Sampling

Form FD 9000-2: COMPOSITE LAKE SAMPLING SHEET (< 1000 ACRES)

Date: <u>6/14/23</u>		Name of Lake: <u>Kell-Aire Lake</u>		Gear used: <u>POMAR</u> ☒ <u>EKMAN</u> ☐ <u>OTHER</u> ☐	
Comments:					
Drop #	Depth (m)	Sediment Type (circle all that apply)	Drop #	Depth (m)	Sediment Type (circle all that apply)
1		sand, silt/clay, CPOM, muck, SAV	7		sand, silt/clay, CPOM, muck, SAV
2		sand, silt/clay, CPOM, muck, SAV	8		sand, silt/clay, CPOM, muck, SAV
3		sand, silt/clay, CPOM, muck, SAV	9		sand, silt/clay, CPOM, muck, SAV
4		sand, silt/clay, CPOM, muck, SAV	<u>Dam</u> 10	<u>0.2</u>	sand, silt/clay, CPOM, muck, SAV
5		sand, silt/clay, CPOM, muck, SAV	11		sand, silt/clay, CPOM, muck, SAV
6		sand, silt/clay, CPOM, muck, SAV	12	<u>2.0</u>	sand, silt/clay, CPOM, muck, SAV

CPOM = coarse particulate organic matter; SAV = submerged aquatic vegetation

Storet G3NW0217
WBID

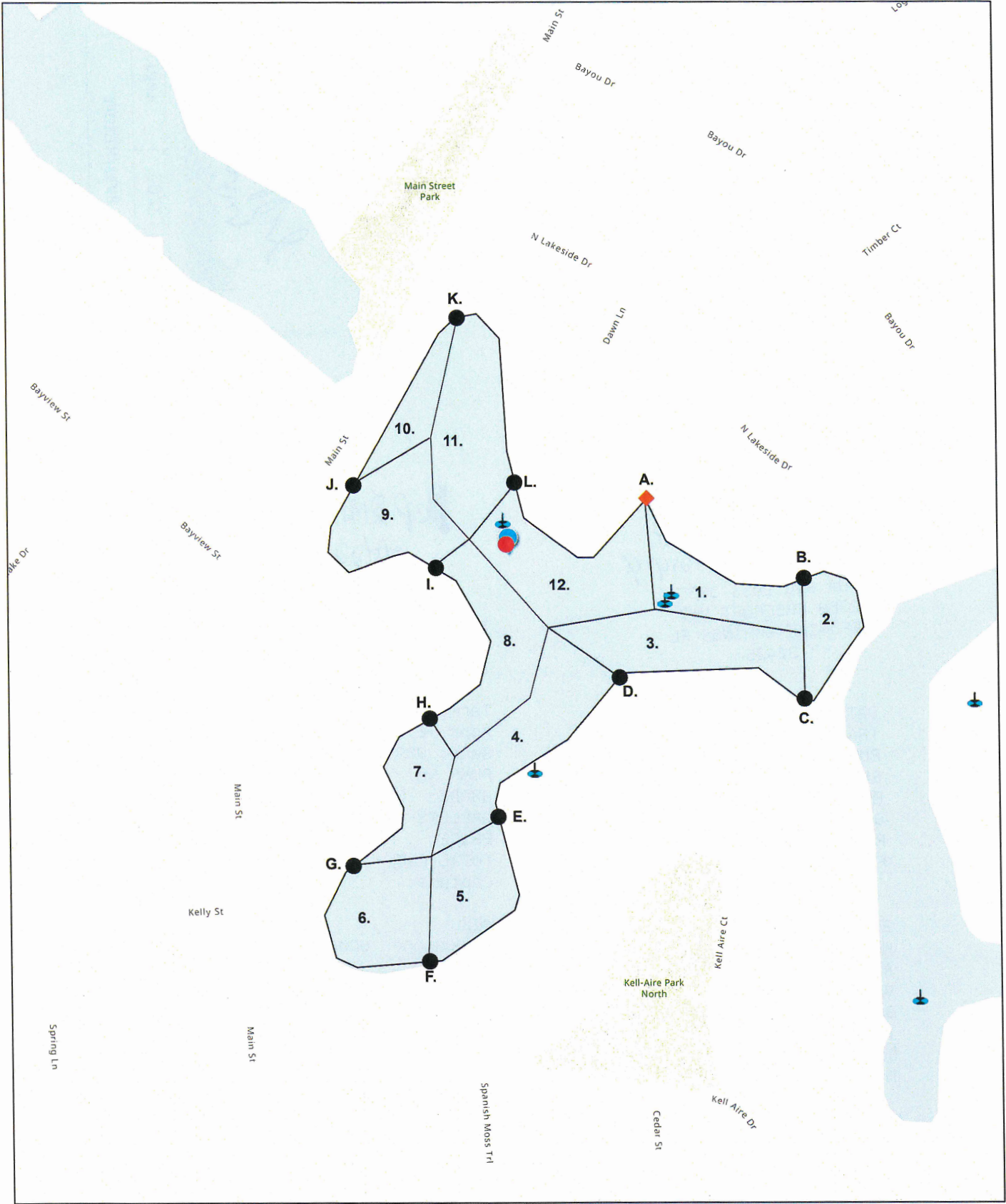
Field ID G3NW0217

Project. SMP / TMDL Studies

SBIO ID: 87382

Paste map here and show location of each dredge drop and where water chemistry parameters were collected.

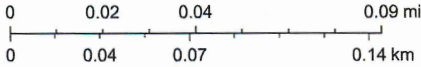
G3NW0217 Kell-Aire Lake



June 13, 2022
STORET Stations

 Lake

1:2,257



FDEP, DEAR, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystrelen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Kell-Aire Lake

Storet	G3NW0217
Receiving Water	Joe's Bayou
Basin, WBID	Choctawhatchee Bay, 906
City, County	Destin, Okaloosa
Lake Acreage	8.48 acres / 3.43 Hectares
Circumference (M)	1287.8
Seg. Length (M)	107.3166667

Section	Location	Dec. Latt.	Dec. Long.
12	Storet	30.40432	-86.48244
1	A	30.40600	86.48166
	B	30.40422	86.48076
	C	30.40363	86.48077
4	D	30.40373	86.48182
	E	30.40305	86.48251
	F	30.40235	86.48291
7	G	30.40281	86.48334
	H	30.40353	86.48289
	I	30.40427	86.48285
10	J	30.40467	86.48331
	K	30.40550	86.48272
	L	30.40469	86.48240

Segments selected 1, 4, 7, 10

Twin Lakes LVI		WBID	Kit	Qty	Bottle Group	Bottles
Kell-Aire Lake 						

Field ID	WBID	WIN Description	County	Lat Long
G3NW0217	906B	Kell-Aire Lake	Okaloosa	30.40432, -86.48244
G3NW0216	906B	COLEMAN LAKE	Okaloosa	30.40236, -86.48003

Test	Lot #	Expiration date:
Sulfuric Acid	SA2299040	11/4/2023
Nitric Acid	NA2230040	9/1/2023
Syringe	1363514	-
PO4 Filter	17460495	-

Twin Lakes LVI	
Notes (access, boat ramp, etc.)	
G3NW0217	Needs Pics
G3NW0216	Needs Pics

Twin Lakes LVI				
Field ID	TIME	Conductivity	pH	DO mg-L / Temp.
G3NW0217				
G3NW0216				
RQ-2023-06-12-63		NEED PICS		