Sankofa Wetland Park Monitoring Report

1st Quarter of 2025

By: Rob Lane, PhD
Rachael Hunter, PhD
John Day, PhD
Comite Resources
21245 Smith Rd.
Covington, LA 70435

For: Rashida Ferdinand
Executive Director
Sankofa Community Dev. Corp.
5200 Dauphine St.
New Orleans, LA 70117

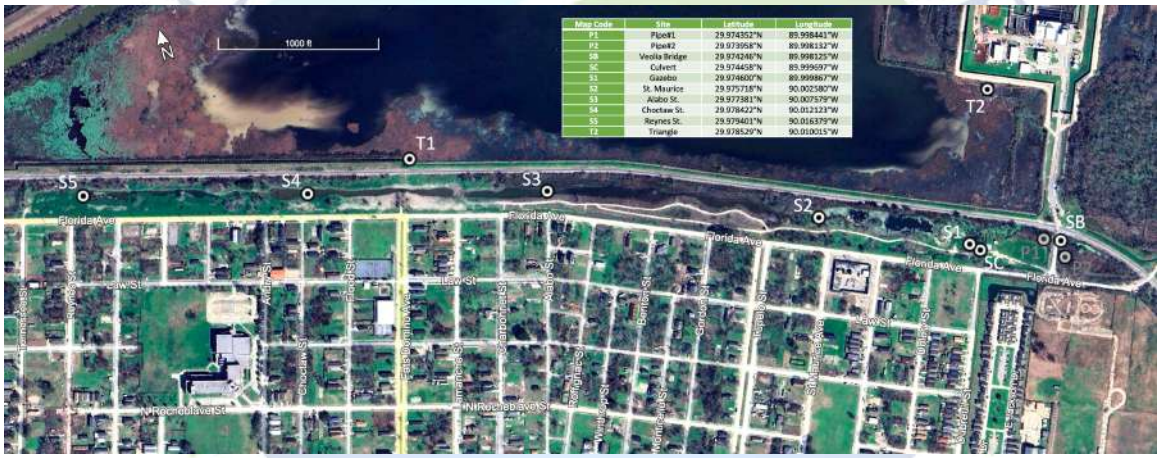
April 22, 2025

Sankofa Wetland Park Monitoring Report

January- March 2025

Monitoring Sampling Design

Environmental monitoring at the Sankofa Wetland Park began in January 2022. The sampling design includes five monitoring locations (S1 through S5), spaced approximately equidistant along the one-mile length of the linear park. Additional monitoring sites include the St. Bernard drainage ditch, accessed at the bridge to the Veolia wastewater treatment plant (SB), and a site in the Bayou Bienvenue Wetland Triangle (either T1 or T2, depending on accessibility). In 2022, only sites S1 and S2 were monitored. Sites S3 through S5, along with SB and T2, were added as the wetland park was expanded in 2023.



Location of sampling sites at the Sankofa Wetland Park (S1-S5), the Bayou Bienvenue Wetland Triangle (sites T1 & T2),the St. Bernard drainage ditch (SB), and Sankofa culvert (SC).

Since January 2022, in situ measurements of dissolved oxygen, conductivity, temperature, salinity, pH, and total dissolved solids (TDS) have been taken monthly at each monitoring location using a handheld water quality probe. Approximately every three months, water samples are collected for analysis of nutrients (nitrate+nitrite (NO_2+NO_3), ammonia (NH_3), total nitrogen (TN), phosphate (PO_4), total phosphorus (TP)), five-day biological oxygen demand (BOD_5), and total suspended solids (TSS). All samples are stored on ice and transported to Pace Analytical Services in Baton Rouge for laboratory analysis. In addition, water levels are recorded hourly using automated pressure transducer probes installed at two locations: near site S2 within the wetland park and at site T2 in the Bayou Bienvenue Wetland Triangle.

Monitoring Data & Analysis

January 7, 2025: Jason Day traveled to the Sankofa wetland park to carry out monthly monitoring. Dissolved oxygen, conductivity, salinity, temperature, pH, and TDS were measured at all monitoring sites using a handheld multiparameter probe (i.e., AquaTROLL400 by In-Situ). The Bayou Bienvenue Triangle was monitored at site T1. An avian census was carried out by sight and sound. The staff gauge was at 84 cm at noon, which is nearly as high as before the culvert was cleared and the leaking septic pipes fixed (see table below).

Staff gauge readings taken in 2022, 2023 and 2025.

Date	Time	Gauge (cm)	Date	Time	Gauge (cm)	Date	Time	Gauge (cm)
2/23/22	16:23	32	1/27/23	10:00	41	1/24/24	11:00	66
3/23/22	15:10	37	3/22/23	11:15	34	2/6/24	12:25	63
4/26/22	13:10	35	4/25/23	12:35	30	3/12/24	10:37	**89**
5/24/22	11:05	28	5/23/23	11:12	39	4/30/24	14:50	71
6/13/22	9:45	37	6/06/24	10:30	27	5/23/24	11:00	66
7/14/22	9:35	37	7/26/23	11:20	40	6/17/24	10:00	58
8/16/22	13:20	36	8/24/23	10:00	43	7/11/24	10:42	77
9/16/22	15:20	35	9/20/23	11:15	43	8/19/24	12:00	68
10/12/22	10:15	30	10/25/23	12:30	37	9/20/24	11:30	**88**
11/01/22	11:45	32	11/09/23	12:00	33	10/8/24	11:45	**84**
11/14/22	15:45	41	12/13/23	9:16	42	12/12/24	13:15	77
12/16/22	10:25	44	.	.		**1/7/25**	**12:00**	**84**

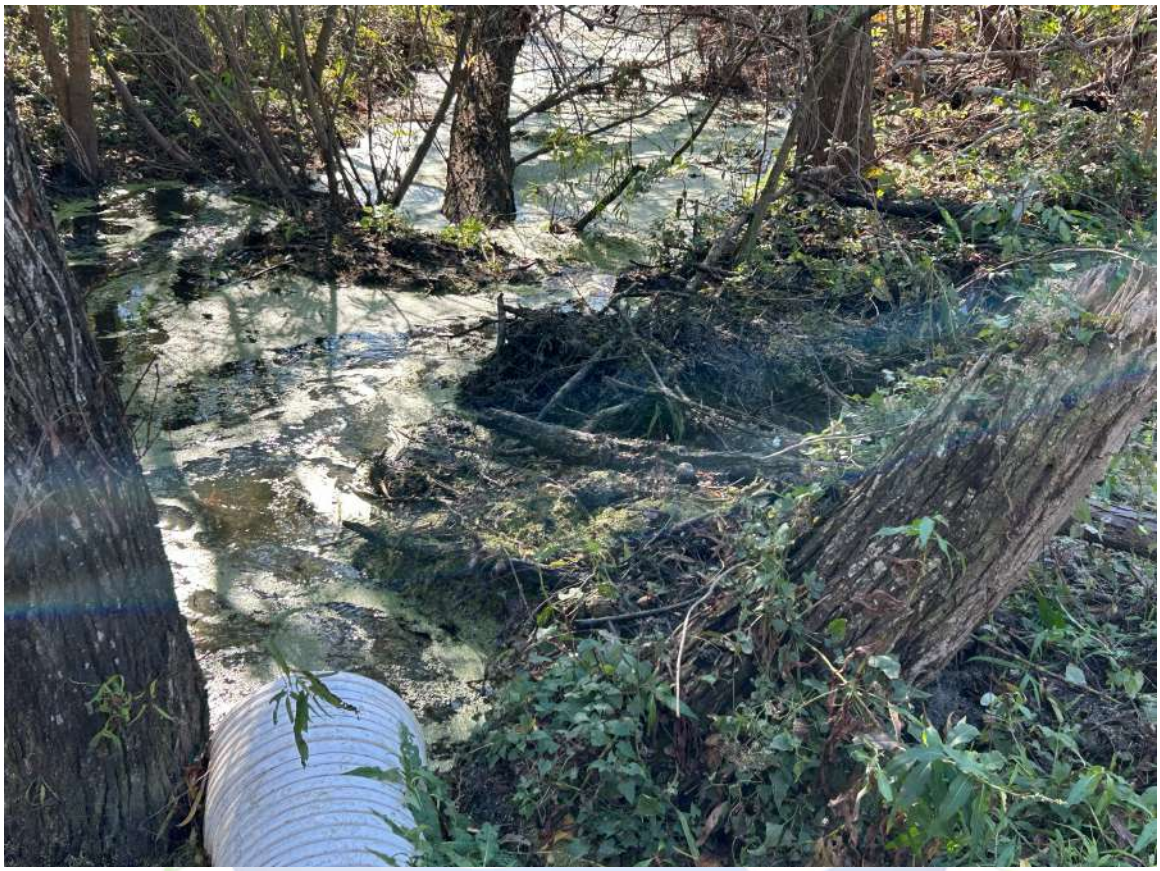
Dissolved oxygen was 1.8 mg/L at site SB and 8.2 mg/L at site SC. Within the wetland park, DO ranged from 3.6 mg/L at site S1 to 12.4 mg/L at site S4, with notably high levels at sites S3 and S4. Site T1 had a DO concentration of 11.4 mg/L. These data indicate strong oxygenation at most sites, particularly sites S3, S4, and T1, likely due to cooler temperatures and high algal or plant photosynthesis. However, the low DO at site SB may indicate oxygen depletion due to organic loading.

Conductivity was approximately 994 mS at site SB and 914 mS at site SC. Conductivity among wetland park sites ranged from approximately 688 to 980 mS, with the lowest at site S2. T1 had the highest conductivity at site 1138 mS. Salinity was 0.5 ppt at all sites within the wetland park, including SB and SC. Site T1 had a salinity of 0.6 ppt. These consistently low salinity levels are suitable for freshwater wetland vegetation. The slightly elevated conductivity and salinity at site T1 indicates minor tidal influence.

Water temperature was 8.2°C at site SB and 8.1°C at site SC. Within the wetland park, temperatures ranged from 7.3°C at site S3 to 10.4°C at site S5. The variation in temperatures may reflect sun exposure, inflow conditions, or groundwater inputs.

pH was 7.0 at site SB and 7.5 at site SC. Wetland Park pH values ranged from 7.0 at site S2 to 7.9 at site S5. Site T1 measured at 7.6. All values are within the expected neutral to slightly alkaline range, supporting healthy biological function.

Total dissolved solids (TDS) were 0.7 mg/L at site SB, 0.6 mg/L at site SC, and ranged from 0.6 to 0.7 mg/L throughout the wetland park. T1 also had a concentration of 0.7 mg/L. These low values are consistent with the low salinity environment and reflect a relatively clean water column with limited ionic pollution.



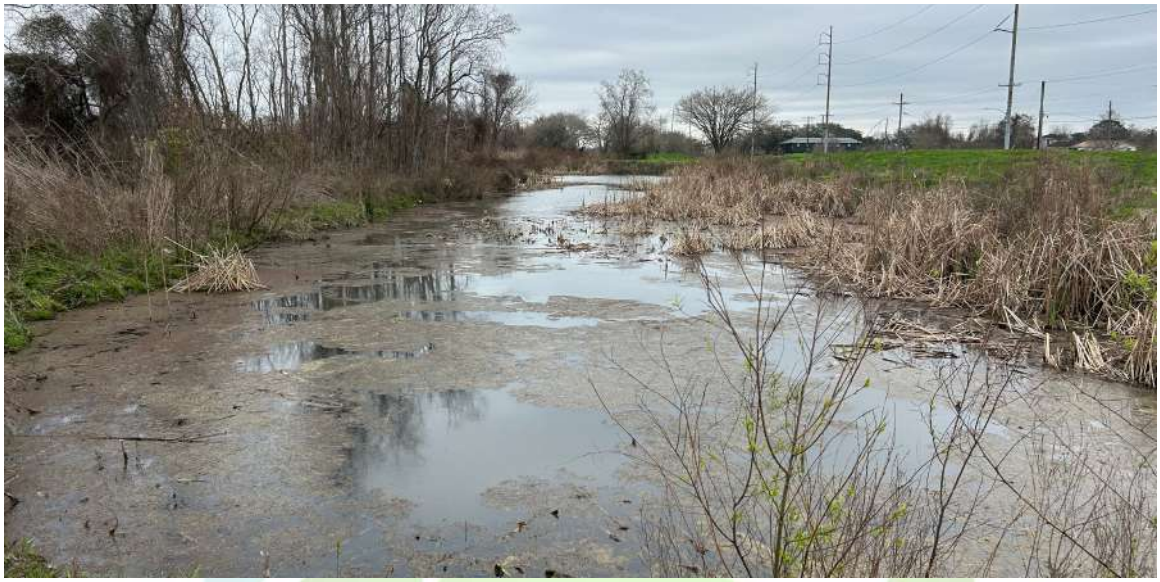
The Sankofa culvert on January 7, 2025. Notice high flow.

The high dissolved oxygen concentrations at sites S3, S4, and T1 suggest excellent aerobic conditions favorable for aquatic life and microbial processing of nutrients. However, the low DO at site SB could indicate localized hypoxic stress, possibly linked to organic matter input or stagnant conditions. Salinity and pH remained stable and within healthy ranges, suggesting a resilient freshwater ecosystem. Overall, the system appears to be functioning well in terms of oxygen dynamics and water chemistry, with minor site-specific concerns.

Discrete water quality data from January 7, 2025.

Site	Date	DO (mg/l)	Cond. (mS)	Salinity (ppt)	Temp. (˚C)	pH	TDS (mg/L)
SB	1/7/25	1.8	994.0	0.5	8.2	7.0	0.7
SC	1/7/25	8.2	914.0	0.5	8.1	7.5	0.6
S1	1/7/25	3.6	927.9	0.5	9.3	7.5	0.6
S2	1/7/25	6.9	687.8	0.5	9.9	7.0	0.7
S3	1/7/25	11.5	927.7	0.5	7.3	7.7	0.6
S4	1/7/25	12.4	980.3	0.5	8.1	7.6	0.6
S5	1/7/25	4.1	709.7	0.5	10.4	7.9	0.6
T1	1/7/25	11.4	1138.0	0.6	6.3	7.6	0.7

February 14, 2025: Jason Day carried out monthly monitoring at the wetland park. Dissolved oxygen, conductivity, salinity, temperature, pH, and TDS were measured at all sites using a handheld multiparameter probe (i.e., AquaTROLL400 by In-Situ). An avian census was carried out by sight and sound. The staff gauge in the wetland park was at 69 cm at 11:15 am.



Site S5 on February 14, 2025. Notice macroalgae dominating the water column.

Dissolved oxygen was 2.5 mg/L at site SB and 4.1 mg/L at site SC. At the wetland park sites, concentrations ranged from 2.2 to 9.2 mg/L, with the lowest value at site S1 and the highest at site S3. DO was 2.0 mg/L at site T1. Dissolved oxygen concentrations were below 3 mg/L at several sites, including sites S1, S2, S5, and T1, suggesting potential stress for aquatic organisms and may elevated oxygen demand from organic matter loading in 2024.

Discrete water quality data from February 14, 2025.

Site	Date	DO (mg/l)	Cond. (mS)	Salinity (ppt)	Temp. (˚C)	pH	TDS (mg/L)
SB	2/14/25	2.5	933.0	0.6	13.2	7.8	0.8
SC	2/14/25	4.1	845.0	0.5	14.1	8.0	0.7
S1	2/14/25	2.2	1052.0	0.5	15.5	7.7	0.7
S2	2/14/25	2.3	911.0	0.6	16.4	7.9	0.7
S3	2/14/25	9.2	1138.0	0.6	13.3	7.8	0.7
S4	2/14/25	8.9	997.0	0.5	13.6	7.6	0.7
S5	2/14/25	2.3	867.1	0.4	16.5	7.2	0.6
T1	2/14/25	2.0	1105.0	0.6	12.8	7.8	0.7

Conductivity was approximately 933 mS at sites SB and 845 mS at site SC. Among the wetland park sites, conductivity ranged from approximately 867 to 1138 mS, with the highest at site S3. Conductivity was 1105 mS at site T1. Salinity was 0.6 ppt at site SB, 0.5 ppt at site SC, and ranged from 0.4 to 0.6 ppt throughout the wetland park, with the lowest value at site S5. Salinity was 0.6 ppt at site T1. These low conductivity and salinity levels are favorable for freshwater wetland vegetation.

Water temperature was 13.2°C at site SB and 14.1°C at site SC. Within the park, temperatures ranged from 13.3°C at site S3 to 16.5°C at site S5. Site T1 registered 12.8°C. The observed variation in temperature may reflect microhabitat differences and influences from sun exposure or shading.

pH values were 7.8 at site SB, 8.0 at site SC, and ranged from 7.2 to 7.9 across the wetland park, with the lowest at site S5. Site T1 had a pH of 7.8. All pH values were within the optimal range for most aquatic life, though slightly lower pH at site S5 may suggest localized input of organic acids or reduced buffering capacity.

Total dissolved solids (TDS) were 0.8 mg/L at site SB, 0.7 mg/L at site SC, and ranged from 0.6 to 0.7 mg/L throughout the park. Site T1 had a TDS concentration of 0.7 mg/L. These values indicate relatively low overall dissolved load, consistent with low salinity and modest ionic concentrations.

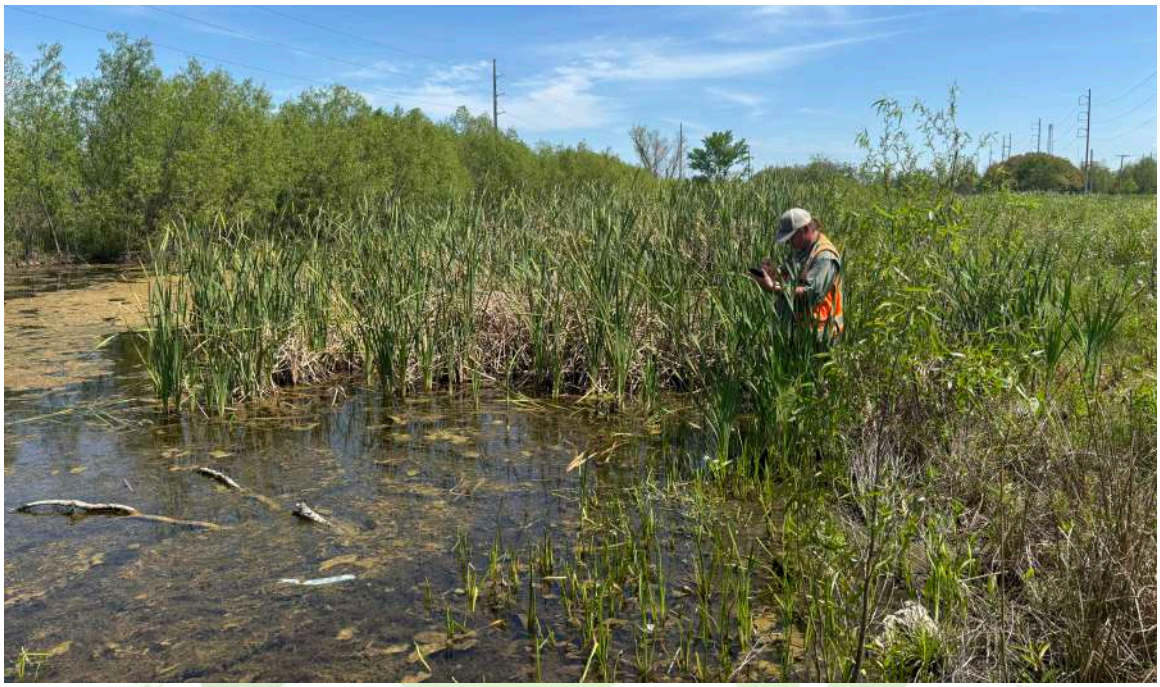
The elevated DO levels at sites S3 and S4 suggest higher photosynthetic activity at these sites, supporting better habitat conditions. However, low DO levels at several other sites may indicate eutrophic or stagnant conditions, which can reduce habitat quality for fish and macroinvertebrates. The generally low salinity and near-neutral pH levels are encouraging for maintaining freshwater wetland species.

March 26, 2025: Monthly monitoring was carried out at the wetland park. Dissolved oxygen, conductivity, salinity, temperature, pH, and TDS were measured at all sites except SC using a handheld multiparameter probe (i.e., AquaTROLL400 by In-Situ). An avian census was carried out by sight and sound. Water samples were collected for nutrient (NO_2+NO_3, NH_3, TN, PO_4, TP), BOD_5 and suspended sediment (TSS) analysis at sites SB, S1, S2 and S4. Samples were put on ice and transported to Pace Analytical Services in Baton Rouge for analysis. The staff gauge in the wetland park was at 69 cm at 1:30 pm.

Dissolved oxygen was 2.4 mg/L at site SB. Within the wetland park, DO concentrations ranged from 1.0 mg/L at site S1 to 12.1 mg/L at site S3. T1 recorded a DO level of 4.0 mg/L. While S3 showed highly favorable oxygen conditions likely due to photosynthesis and strong circulation, the low DO values at sites S1 and SB indicate poor aeration, stagnant water, and/or elevated biochemical oxygen demand; conditions that can cause stress or mortality for aquatic organisms. Predictably, a fish kill occurred on October 2, which will be discussed in the next quarterly monitoring report.

Conductivity was approximately 933 mS at site SB. Among wetland park sites, conductivity ranged from approximately 752 to 1083 mS, with the highest at site S2. T1 exhibited the highest overall conductivity at 1482 mS. Salinity was 0.5 ppt at site SB and ranged from 0.4 to 0.5 ppt at sites S1–S5. Site T1 had a higher salinity of 0.8 ppt. These levels remain below thresholds of concern for most freshwater wetland vegetation.

Water temperature was 22.7°C at site SB and ranged from 22.3°C to 25.1°C across the wetland park, with the highest at site S4 and the lowest at sites S1 and S2. Site T1 recorded a temperature of 25.4°C. The warming trend reflects seasonal change and can accelerate biological activity, though it also reduces oxygen solubility and may contribute to low DO levels, especially where stagnation occurs.



Collecting water quality data at site S4 on March 26, 2025.

pH was 7.7 at site SB and ranged from 7.3 at site S1 to 7.9 at site S4 throughout the wetland park. T1 also measured 7.7. These values fall within the optimal range for aquatic life, indicating stable acid-base conditions. Total dissolved solids (TDS) were 0.6 mg/L at site SB and ranged from 0.5 to 0.7 mg/L at the wetland sites. Site T1 had the highest TDS at 1.0 mg/L. This elevated TDS at site T1 mirrors the high conductivity and salinity.

Discrete water quality data from March 26, 2025.

Site	Date	DO (mg/l)	Cond. (mS)	Salinity (ppt)	Temp. (˚C)	pH	TDS (mg/L)
SB	3/26/25	2.4	933.2	0.5	22.7	7.7	0.6
SC	3/26/25	.	.	.	.	.	.
S1	3/26/25	1.0	1051.3	0.5	22.3	7.3	0.7
S2	3/26/25	8.1	1082.6	0.5	22.3	7.8	0.7
S3	3/26/25	12.1	788.3	0.4	24.0	7.8	0.5
S4	3/26/25	4.9	752.4	0.4	25.1	7.9	0.5
S5	3/26/25	6.8	779.8	0.4	25.0	7.7	0.5
T1	3/26/25	4.0	1481.7	0.8	25.4	7.7	1.0

High DO at site S3 and moderate levels at site S2 and S5 support healthy wetland metabolism and aquatic life. However, the critically low DO at site S1 and SB raises

concern for hypoxic conditions, which may be exacerbated by rising temperatures and organic matter decomposition. The elevated conductivity, salinity, and TDS at site T1 may signal a change in hydrologic input or reduced freshwater flushing; conditions that could stress freshwater plant communities or invite brackish-tolerant species. While overall water quality remains within acceptable limits, trends at specific sites suggest the need for potential management interventions.

Results of Nutrient, Sediment & BOD_5 Analysis

Data from water samples taken on March 26th, 2025, are summarized below and appended to this report. Only sites SB, S1, S2 and S4 were sampled for nutrient, suspended sediment (TSS) and BOD_5 analysis.

Water quality results from March 26, 2025.

Site	Date	NO_x (mg/L)	NH_3 (mg/L)	TN (mg/L)	PO_4 (mg/L)	TP (mg/L)	TSS (mg/L)	BOD_5 (mg/L)
SB	3/26/25	<0.050	1.2	3.7	0.29	0.65	26.0	12.5
S1	3/26/25	<0.050	0.18	1.6	0.33	0.45	5.8	9.1
S2	3/26/25	<0.050	0.15	1.6	0.46	0.48	<8.3	7.3
S4	3/26/25	<0.050	<0.10	1.5	0.068	0.14	9.0	7.5

Nitrate+nitrite (NOx) concentrations were below detection (<0.050 mg/L) at all sampled sites. Ammonia (NH_3) concentrations were highest at site SB (1.2 mg/L), but substantially lower at the wetland interior sites, which were 0.18 mg/L at site S1, 0.15 mg/L at site S2, and below detection (<0.10 mg/L) at site S4, suggesting active microbial or plant-mediated ammonium assimilation as water flows into the park.

Total nitrogen (TN) ranged from 3.7 mg/L at site SB to 1.6 mg/L at the wetland sites, displaying a notable decline across the treatment area. Phosphate (PO_4) was highest at site S2 (0.46 mg/L) and lowest at site S4 (0.068 mg/L), with similar trends in total phosphorus (TP), which decreased from 0.65 mg/L at SB to just 0.14 mg/L at site S4. These reductions point to effective phosphorus retention and uptake within the wetland vegetation and soils.

Total suspended solids (TSS) were markedly higher at site SB (26.0 mg/L) and decreased significantly downstream, with 5.8 mg/L at site S1, below detection (<8.3 mg/L) at site S2, and 9.0 mg/L at site S4, indicating strong sediment settling within the wetland interior. Five-day biological oxygen demand (BOD_5) also declined from 12.5 mg/L at site SB to 7.3–9.1 mg/L at the wetland park sites, reflecting lower organic loading and improved water quality across the system.

These results suggest that the Sankofa Wetland Park continues to provide effective nutrient and sediment removal as stormwater disperses through the wetland ponds. Elevated ammonia and BOD_5 at site SB highlight the need for continued monitoring of loading conditions at this critical juncture.

Avian Survey

A total of 36 bird species were observed in January, 41 species in February, and 31 species in March. A total of 56 species were sighted this quarter.

Bird species observed at the Sankofa Wetland Park during 2025 Q1.

Common Name	Scientific Name	1/7/25	2/14/25	3/26/2025
American Crow	*Corvus brachyrhynchos*	X	X	X
American Kestrel	*Falco sparverius*		X	
Anhinga	*Anhinga anhinga*	X	X	X
Bald Eagle	*Haliaeetus leucocephalus*		X	
Barn Swallow	*Hirundo rustica*	X		
Belted Kingfisher	*Megaceryle alcyon*	X		
Black Vulture	*Coragyps atratus*	X	X	X
Black-Bellied Whistling-Duck	*Dendrocygna autumnalis*	X	X	
Black-Crowned Night Heron	*Nycticorax nycticorax*		X	
Blue Jay	*Cyanocitta cristata*	X	X	X
Blue-Grey Gnatcatcher	*Polioptila caerulea*			X
Brown Pelican	*Pelecanus occidentalis*		X	X
Bufflehead	*Bucephala albeola*			X
Carolina Chicadee	*Poecile carolinensis*		X	X
Carolina Wren	*Thryothorus ludovicianus*	X	X	
Cattle Egret	*Bubulcus ibis*	X	X	X
Chimney Swift	*Chaetura pelagica*	X		
Common Grackel	*Quiscalus quiscula*	X		
Common Moorhen	*Gallinula chloropus*		X	X
Common Tern	*Sterna hirundo*		X	
Common Yellowthroat	*Geothlypis trichas*	X	X	
Coopers Hawk	*Accipiter cooperii*	X		
Double Crested Cormorant	*Phalacrocorax auritus*		X	
Downy Woodpecker	*Dryobates pubescens*	X	X	
Eastern Phoebe	*Sayornis phoebe*	X	X	X
Eurasian Collared Dove	*Streptopelia decaocto*	X	X	
European Starling	*Sturnus Vulgaris*	X	X	X
Fish Crow	*Corvus ossifragus*		X	
Glossy Ibis	*Plegadis falcinellus*		X	
Great Blue Heron	*Ardea herodias*	X		X
Great Erget	*Ardea alba*	X	X	X
Green Heron	*Butorides virescens*	X	X	
Killdeer	*Charadrius vociferus*	X		X
Laughing Gull	*Larus atricilla*	X	X	X
Limpkin	*Aramus guarauna*	X	X	X
Little Blue Heron	*Egretta caerlea*		X	X
Mockingbird	*Mimus polyglottos*	X	X	X
Mourning Dove	*Zenaida macroura*	X	X	X
Northern Cardinal	*Cardinalis cardinalis*	X	X	X
Osprey	*Pandion Haliaetus*	X	X	X
Pied-billed Grebe	*Podilymbus podiceps*	X	X	X
Purple Gallinule	*Porphyrio martinicus*		X	
Red Shouldered Hawk	*Buteo lineatus*	X		
Red Tailed Hawk	*Buteo jamaicensis*			X
Red Winged Blackbird	*Agelaius phoeniceus*	X	X	X
Red-Eyed Vireo	*Vireo olivaceus*		X	
Ruby-Crowned Kinglet	*Corthylio calendula*		X	X
Ruby-throated Hummingbird	*Archilochus colubris*	X		
Snowy Egret	*Egretta thula*	X	X	X
Song Sparrow	*Melospiza melodia*		X	X
Swamp Sparrow	*Melospiza georgiana*	X		
Tricolor Egret	*Egretta tricolor*	X		
Turkey Vulture	*Cathartes aura*	X	X	X
White Ibis	*Eudocimus albus*	X	X	X
Yellow-Crowned Night-Heron	*Nyctanassa violacea*		X	
Yellow-Rumped Warbler	*Setophaga coronata*			X

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

April 03, 2025

Robert Lane
Comite Resources
PO Box 66596
Baton Rouge, LA 70896

RE: Project: SANKOFA
Pace Project No.: 20349793

Dear Robert Lane:

Enclosed are the analytical results for sample(s) received by the laboratory on March 26, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - New Orleans
- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberly J Ingram
kimberly.ingram@pacelabs.com
(225) 769-4900
Project Manager

Enclosures

cc: Jason Day, Comite Resources
Rachael Hunter, Comite Resources

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

CERTIFICATIONS

Project: SANKOFA
Pace Project No.: 20349793

Pace Analytical Services New Orleans

Florida Department of Health (NELAC): E87595
Illinois Environmental Protection Agency: 2000662023-7
Kansas Department of Health and Environment (NELAC): E-10266
Louisiana Dept. of Environmental Quality (NELAC/LELAP): 02006
Texas Commission on Env. Quality (NELAC): T104704405-23-18
U.S. Dept. of Agriculture Foreign Soil Import: 525-23-117-89728

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
California Certification# 3096
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
DoD-ANAB #:ADE-3199
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Utah
Utah FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services, LLC
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Baton Rouge, LA 70820
(225) 769-4900

SAMPLE SUMMARY

Project: SANKOFA
Pace Project No.: 20349793

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20349793001	**Bridge**	Water	03/26/25 13:30	03/26/25 14:25
20349793002	**One**	Water	03/26/25 12:30	03/26/25 14:25
20349793003	**Two**	Water	03/26/25 13:15	03/26/25 14:25
20349793004	**Four**	Water	03/26/25 13:45	03/26/25 14:25

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
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SAMPLE ANALYTE COUNT

Project: SANKOFA
Pace Project No.: 20349793

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
20349793001	**Bridge**	SM 2540D 2011	JTB	1	PASI-N
		SM 5210B	JG	1	PASI-N
		EPA 351.2	DS	1	PASI-N
		EPA 365.4	AGS	1	PASI-O
		SM 4500-NH3 G	CDL	1	PASI-N
		SM 4500-P E	MHM	1	PASI-N
		SM 4500-NO3 F	JLH	1	PASI-N
20349793002	**One**	SM 2540D 2011	JTB	1	PASI-N
		SM 5210B	JG	1	PASI-N
		EPA 351.2	DS	1	PASI-N
		EPA 365.4	AGS	1	PASI-O
		SM 4500-NH3 G	CDL	1	PASI-N
		SM 4500-P E	MHM	1	PASI-N
		SM 4500-NO3 F	JLH	1	PASI-N
20349793003	**Two**	SM 2540D 2011	JTB	1	PASI-N
		SM 5210B	JG	1	PASI-N
		EPA 351.2	DS	1	PASI-N
		EPA 365.4	AGS	1	PASI-O
		SM 4500-NH3 G	CDL	1	PASI-N
		SM 4500-P E	MHM	1	PASI-N
		SM 4500-NO3 F	JLH	1	PASI-N
20349793004	**Four**	SM 2540D 2011	JTB	1	PASI-N
		SM 5210B	JG	1	PASI-N
		EPA 351.2	DS	1	PASI-N
		EPA 365.4	AGS	1	PASI-O
		SM 4500-NH3 G	CDL	1	PASI-N
		SM 4500-P E	MHM	1	PASI-N
		SM 4500-NO3 F	JLH	1	PASI-N

PASI-N = Pace Analytical Services - New Orleans
PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

ANALYTICAL RESULTS

Project: SANKOFA
Pace Project No.: 20349793

Sample: Bridge **Lab ID: 20349793001** Collected: 03/26/25 13:30 Received: 03/26/25 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D 2011 Pace Analytical Services - New Orleans							
Total Suspended Solids	**26.0**	mg/L	25.0	1		03/31/25 11:43		P1
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B Pace Analytical Services - New Orleans							
BOD, 5 day	**12.5**	mg/L	4.0	4	03/27/25 16:31	04/01/25 12:26		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2 Pace Analytical Services - New Orleans							
Nitrogen, Kjeldahl, Total	**3.7**	mg/L	0.15	1	04/01/25 11:17	04/02/25 11:41	7727-37-9	
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.65**	mg/L	0.10	1	03/31/25 17:00	04/02/25 15:58	7723-14-0	
4500 Ammonia Water	Analytical Method: SM 4500-NH3 G Pace Analytical Services - New Orleans							
Nitrogen, Ammonia	**1.2**	mg/L	0.10	1		04/01/25 14:40	7664-41-7	
SM4500P-E, Phosphate, Ortho	Analytical Method: SM 4500-P E Pace Analytical Services - New Orleans							
Orthophosphate as P	**0.29**	mg/L	0.050	1		03/27/25 11:08		
4500NO3-F, NO3-NO2	Analytical Method: SM 4500-NO3 F Pace Analytical Services - New Orleans							
Nitrogen, NO2 plus NO3	ND	mg/L	0.050	1		04/03/25 14:35		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

ANALYTICAL RESULTS

Project: SANKOFA
Pace Project No.: 20349793

Sample: One **Lab ID: 20349793002** Collected: 03/26/25 12:30 Received: 03/26/25 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D 2011 Pace Analytical Services - New Orleans							
Total Suspended Solids	**5.8**	mg/L	5.0	1		03/31/25 11:43		P1
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B Pace Analytical Services - New Orleans							
BOD, 5 day	**9.1**	mg/L	4.0	4	03/27/25 16:25	04/01/25 12:19		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2 Pace Analytical Services - New Orleans							
Nitrogen, Kjeldahl, Total	**1.6**	mg/L	0.15	1	04/01/25 11:17	04/02/25 11:43	7727-37-9	
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.45**	mg/L	0.10	1	03/31/25 17:00	04/02/25 15:59	7723-14-0	
4500 Ammonia Water	Analytical Method: SM 4500-NH3 G Pace Analytical Services - New Orleans							
Nitrogen, Ammonia	**0.18**	mg/L	0.10	1		04/01/25 14:41	7664-41-7	
SM4500P-E, Phosphate, Ortho	Analytical Method: SM 4500-P E Pace Analytical Services - New Orleans							
Orthophosphate as P	**0.33**	mg/L	0.050	1		03/27/25 11:08		
4500NO3-F, NO3-NO2	Analytical Method: SM 4500-NO3 F Pace Analytical Services - New Orleans							
Nitrogen, NO2 plus NO3	ND	mg/L	0.050	1		04/03/25 14:36		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(225) 769-4900

ANALYTICAL RESULTS

Project: SANKOFA
Pace Project No.: 20349793

Sample: Two **Lab ID: 20349793003** Collected: 03/26/25 13:15 Received: 03/26/25 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D 2011 Pace Analytical Services - New Orleans							
Total Suspended Solids	ND	mg/L	8.3	1		03/31/25 11:44		P1,PK, PP
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B Pace Analytical Services - New Orleans							
BOD, 5 day	**7.3**	mg/L	1.5	1.5	03/27/25 16:31	04/01/25 12:24		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2 Pace Analytical Services - New Orleans							
Nitrogen, Kjeldahl, Total	**1.6**	mg/L	0.15	1	04/01/25 11:17	04/02/25 11:44	7727-37-9	
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.48**	mg/L	0.10	1	03/31/25 17:00	04/02/25 16:01	7723-14-0	
4500 Ammonia Water	Analytical Method: SM 4500-NH3 G Pace Analytical Services - New Orleans							
Nitrogen, Ammonia	**0.15**	mg/L	0.10	1		04/01/25 14:42	7664-41-7	
SM4500P-E, Phosphate, Ortho	Analytical Method: SM 4500-P E Pace Analytical Services - New Orleans							
Orthophosphate as P	**0.46**	mg/L	0.050	1		03/27/25 11:08		
4500NO3-F, NO3-NO2	Analytical Method: SM 4500-NO3 F Pace Analytical Services - New Orleans							
Nitrogen, NO2 plus NO3	ND	mg/L	0.050	1		04/03/25 14:37		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: SANKOFA
Pace Project No.: 20349793

Sample: Four **Lab ID: 20349793004** Collected: 03/26/25 13:45 Received: 03/26/25 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM 2540D 2011 Pace Analytical Services - New Orleans							
Total Suspended Solids	**9.0**	mg/L	5.0	1		03/31/25 11:44		P1
5210B BOD, 5 day	Analytical Method: SM 5210B Preparation Method: SM 5210B Pace Analytical Services - New Orleans							
BOD, 5 day	**7.5**	mg/L	1.5	1.5	03/27/25 16:33	04/01/25 12:29		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2 Pace Analytical Services - New Orleans							
Nitrogen, Kjeldahl, Total	**1.5**	mg/L	0.15	1	04/01/25 11:17	04/02/25 11:46	7727-37-9	
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.14**	mg/L	0.10	1	03/31/25 17:00	04/02/25 16:02	7723-14-0	
4500 Ammonia Water	Analytical Method: SM 4500-NH3 G Pace Analytical Services - New Orleans							
Nitrogen, Ammonia	ND	mg/L	0.10	1		04/01/25 14:44	7664-41-7	
SM4500P-E, Phosphate, Ortho	Analytical Method: SM 4500-P E Pace Analytical Services - New Orleans							
Orthophosphate as P	**0.068**	mg/L	0.050	1		03/27/25 11:08		
4500NO3-F, NO3-NO2	Analytical Method: SM 4500-NO3 F Pace Analytical Services - New Orleans							
Nitrogen, NO2 plus NO3	ND	mg/L	0.050	1		04/03/25 14:38		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

QUALITY CONTROL DATA

Project: SANKOFA
Pace Project No.: 20349793

QC Batch: 357876
QC Batch Method: SM 2540D 2011
Analysis Method: SM 2540D 2011
Analysis Description: 2540D Total Suspended Solids
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 1727798 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	2.5	03/31/25 11:43	

LABORATORY CONTROL SAMPLE: 1727799

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	106	106	80-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: SANKOFA
Pace Project No.: 20349793

QC Batch: 357761
QC Batch Method: SM 5210B
Analysis Method: SM 5210B
Analysis Description: 5210B BOD, 5 day
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 1727112 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	0.32	0.20	04/01/25 11:58	

LABORATORY CONTROL SAMPLE: 1727114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	182	92	85-115	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SANKOFA
Pace Project No.: 20349793

QC Batch: 357969
QC Batch Method: EPA 351.2
Analysis Method: EPA 351.2
Analysis Description: 351.2 TKN
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 1728181 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	ND	0.15	04/02/25 10:39	

LABORATORY CONTROL SAMPLE: 1728182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	4.5	4.4	97	90-110	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SANKOFA
Pace Project No.: 20349793

QC Batch: 1088040
QC Batch Method: EPA 365.4
Analysis Method: EPA 365.4
Analysis Description: 365.4 Phosphorus
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 5968465 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus, Total (as P)	mg/L	ND	0.10	04/02/25 15:44	

LABORATORY CONTROL SAMPLE: 5968466

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	4	4.3	107	90-110	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Baton Rouge, LA 70820
(225) 769-4900

QUALITY CONTROL DATA

Project: SANKOFA
Pace Project No.: 20349793

QC Batch: 357916
QC Batch Method: SM 4500-NH3 G
Analysis Method: SM 4500-NH3 G
Analysis Description: 4500 Ammonia
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 1727916 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	04/01/25 14:14	

LABORATORY CONTROL SAMPLE: 1727917

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.1	101	90-110	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(225) 769-4900

QUALITY CONTROL DATA

Project: SANKOFA
Pace Project No.: 20349793

QC Batch: 357714
QC Batch Method: SM 4500-P E
Analysis Method: SM 4500-P E
Analysis Description: SM4500P-E, Phosphate, Ortho
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 1726963 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Orthophosphate as P	mg/L	ND	0.050	03/27/25 11:08	

LABORATORY CONTROL SAMPLE: 1726964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Orthophosphate as P	mg/L	0.2	0.21	107	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(225) 769-4900

QUALITY CONTROL DATA

Project: SANKOFA
Pace Project No.: 20349793

QC Batch: 358237
QC Batch Method: SM 4500-NO3 F
Analysis Method: SM 4500-NO3 F
Analysis Description: SM4500NO3-F, Nitrate, Preserved
Laboratory: Pace Analytical Services - New Orleans
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 1729697 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.050	04/03/25 14:12	

LABORATORY CONTROL SAMPLE: 1729698

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	6	6.0	101	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

QUALIFIERS

Project: SANKOFA
Pace Project No.: 20349793

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The Nelac Institute

BATCH QUALIFIERS

Batch: 358029

[1]	The dissolved oxygen depletion of the dilution water blank exceeded 0.2 mg/L.

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
P1	Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.
PK	Sample volume was decreased because complete filtration was not achieved within the maximum method-specified timeframe.
PP	The mass of dried residue obtained did not meet the test method requirements based on volume used.

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SANKOFA
Pace Project No.: 20349793

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20349793001	**Bridge**	SM 2540D 2011	357876		
20349793002	**One**	SM 2540D 2011	357876		
20349793003	**Two**	SM 2540D 2011	357876		
20349793004	**Four**	SM 2540D 2011	357876		
20349793001	**Bridge**	SM 5210B	357761	SM 5210B	358029
20349793002	**One**	SM 5210B	357761	SM 5210B	358029
20349793003	**Two**	SM 5210B	357761	SM 5210B	358029
20349793004	**Four**	SM 5210B	357761	SM 5210B	358029
20349793001	**Bridge**	EPA 351.2	357969	EPA 351.2	358097
20349793002	**One**	EPA 351.2	357969	EPA 351.2	358097
20349793003	**Two**	EPA 351.2	357969	EPA 351.2	358097
20349793004	**Four**	EPA 351.2	357969	EPA 351.2	358097
20349793001	**Bridge**	EPA 365.4	1088040	EPA 365.4	1088314
20349793002	**One**	EPA 365.4	1088040	EPA 365.4	1088314
20349793003	**Two**	EPA 365.4	1088040	EPA 365.4	1088314
20349793004	**Four**	EPA 365.4	1088040	EPA 365.4	1088314
20349793001	**Bridge**	SM 4500-NH3 G	357916		
20349793002	**One**	SM 4500-NH3 G	357916		
20349793003	**Two**	SM 4500-NH3 G	357916		
20349793004	**Four**	SM 4500-NH3 G	357916		
20349793001	**Bridge**	SM 4500-P E	357714		
20349793002	**One**	SM 4500-P E	357714		
20349793003	**Two**	SM 4500-P E	357714		
20349793004	**Four**	SM 4500-P E	357714		
20349793001	**Bridge**	SM 4500-NO3 F	358237		
20349793002	**One**	SM 4500-NO3 F	358237		
20349793003	**Two**	SM 4500-NO3 F	358237		
20349793004	**Four**	SM 4500-NO3 F	358237		

Pace® Location Requested (City/State):
Pace Analytical New Orleans
1000 Riverbend Blvd, Suite F
St. Rose, LA 70087

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 20349793

20349793

Company Name:	Comite Resources	Contact/Report To:	Robert Lane
Street Address:	PO Box 66596 Baton Rouge, LA 70896	Phone #:	(225) 247-3917
		E-Mail:	rlane@comiteres.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	SANKOFA	Invoice To:	Robert Lane
		Invoice E-Mail:	rlane@comiteres.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Louisiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	BOD	Fecal Coli (Waiver)	Orthophosphate	TKN, TPhos, NH3, N/N	TSS	Sample Comment
Bridge	WT		3/26/25	1:30						X	No Sample	X	X	X	
One	WT		3/26/25	12:30						X		X	X	X	
Two	WT		3/26/25	1:15						X		X	X	X	
Three No Sample	WT		3/26/25	—						X		X	X	X	
Four	WT		3/26/25	1:45						X		X	X	X	
Five No Sample	WT		3/26/25	—						X		X	X	X	
Triangle No Sample	WT		3/26/25	—						X		X	X	X	

Lab Use Only
Proj. Mgr: Kimberly Ingram
AcctNum / Client ID:
Table #:
Profile / Template: 9620
Prelog / Bottle Ord. ID: EZ 3217333

Preservation non-conformance identified for sample.

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:

Collected By:
[Printed Name] Jabon Day
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	19		3.6		Ye

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Comite Resources	3/26/25 2:27 14:25	Lunit	3/26/25 14:25
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier
[ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Pace

Sample Condition Upor

WO#: 20349793

PM: KJI Due Date: 04/10/25

CLIENT: BR-Comite

1000 Riverbend Blvd, Suite F, St. Rose, LA 70087

Cooler Inspected by/date: MS / 3/27/2025

Means of receipt: ☐ Pace ☑ Client ☐ UPS ☐ FedEx ☐ Other:

☐ Yes	☑ No	☐ NA	Were custody seals present on the cooler?
☐ Yes	☐ No	☐ NA	If custody seals were present, were they intact and unbroken?

Method: ☐ Temperature Blank ☐ Against Bottles IR Gun ID: 18 IR Gun Correction Factor: 0 °C

Cooler #1	Cooler Temp °C: 3.6	(Actual/True)	Samples on ice ☑ Yes ☐ No
Cooler #2	Cooler Temp °C:	(Actual/True)	pH Strip lot # 2011570
Cooler #3	Cooler Temp °C:	(Actual/True)	Method of coolant: ☑ Wet ☐ Ice Packs ☐ Dry Ice ☐ None
Cooler #4	Cooler Temp °C:	(Actual/True)	

Tracking #:

☐ Yes	☑ No	☐ NA	Is a temperature blank present?	
☑ Yes	☐ No	☐ NA	Was a chain of custody (COC) received?	
☑ Yes	☐ No	☐ NA	Was the line and profile number listed on the COC?	
☑ Yes	☐ No	☐ NA	Were all coolers received at or below 6.0°C? If no, notify Project Manager via email. Email Notification Date and Time:	
☑ Yes	☐ No	☐ NA	Were proper custody procedures (relinquished/received) followed?	
☑ Yes	☐ No	☐ NA	Is the sampler name and signature on the COC?	
☑ Yes	☐ No	☐ NA	Were sample IDs listed on the COC and all sample containers?	
☑ Yes	☐ No	☐ NA	Was collection date & time listed on the COC and all sample containers?	
☑ Yes	☐ No	☐ NA	Did all container label information (ID, date, time) agree with the COC?	
☑ Yes	☐ No	☐ NA	Were tests to be performed listed on the COC?	
☑ Yes	☐ No	☐ NA	Did all samples arrive in the proper containers for each test and in good condition (unbroken, lids on, etc.)?	
☑ Yes	☐ No	☐ NA	Was adequate sample volume available?	
☑ Yes	☐ No	☐ NA	Were all samples received within ½ the holding time or 48 hours, whichever comes first?	
☑ Yes	☐ No	☐ NA	Were all samples containers accounted for? (No missing/excess)	
☐ Yes	☐ No	☑ NA	Were VOA, 8015C (GRO/VPH), and RSK-175 samples free of bubbles > "pea size" (1/4" or 6mm in diameter) in any of the VOA vials?	
☐ Yes	☐ No	☑ NA	Was there a trip blank present?	
☐ Yes	☐ No	☑ NA	Filtered volume received for dissolved tests? *If no, list affected sample(s) in comments below.*	
☑ Yes	☐ No	☐ NA	Were all metals/nutrient samples received at a pH of < 2?	If No, was preservative added? ☐ Yes ☐ No If added, record lots. Dispenser/pipette lot #: _____
☐ Yes	☐ No	☑ NA	Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?	HNO3_____ H2SO4 _____ NaOH_____ Date: _____ Time:_____

Comments:

Internal Transfer Chain of Custody

WO# : 35945597

35945597

☐ Rush Multiplier____X

☒ Samples Pre-Logged into eCOC

Workorder: 20349793 **Workorder Name:** SANKOFA

State Of Origin: LA

Cert. Needed: ☐ Yes ☐ No

Owner Received Date: 3/26/2025 **Results Requested By:** 4/10/2025

Report To

Kimberly J Ingram
Pace Analytical Baton Rouge
7979 Innovation Park Drive
Baton Rouge, LA 70820
Phone (225) 769-4900

Subcontract To

Pace Analytical Ormond Beach
8 East Tower Circle
Ormond Beach, FL 32174
Phone (386)672-5668

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: H2SO4	365.4 T. Phos	Requested Analysis	LAB USE ONLY
1	Bridge	PS	3/26/2025 13:30	20349793001	Water	1	X		
2	One	PS	3/26/2025 12:30	20349793002	Water	1	X		
3	Two	PS	3/26/2025 13:15	20349793003	Water	1	X		
4	Four	PS	3/26/2025 13:45	20349793004	Water	1	X		
5									

Transfers	Released By	Date/Time	Received By	Date/Time
1	[illegible]	3/27/25 17:00	[illegible]	3/28/25 [illegible]
2				
3				

Comments

Cooler Temperature on Receipt 4.4 °C **Custody Seal** Y or (N) **Received on Ice** (Y) or N **Samples Intact** (Y) or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.*

FLA

Ship To:
Pace Analytical Ormond Beach
8 East Tower Circle
Ormond Beach, FL 32174
Phone (386)672-5668

INTER_LABORATORY WORK ORDER # 20349793
(To be completed by sending lab)

Sending Project No:	20349793
Receiving Project No:	
Check Box for Consolidated Invoice:	☐
Date Prepared:	03/27/25
REQUESTED COMPLETION DATE:	**4/10/2025**

Sending Region	IR20-New Orleans	Sending Project Mgr.	Kimberly J Ingram
Receiving Region	IR35-Ormand Beach	External Client	Comite Resources
State of Sample Origin	LA	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? Wet _____ Cert. Needed _____

WORK REQUESTED

Method Description	Container Type	Quantity of containers	Preservative	Quantity of Samples	Acode	Acode Desc
365.4 T. Phos	BP4S	4	H2SO4	4	SI-21WET0	SUB PASI WTA

Special Requirements: Report C, QC Limits (C),MODAD (1374)

FOR ANALYTICAL WORK COMPLETED THIS SECTION ALSO

Return Samples to Sending Region: ☐ Yes ☑ No

DISPOSITION of FORM

Original sent to the receiving lab - Copy kept at the sending lab.

When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

Pace

Sample Condition Upon Receipt Form (SCUR)

WO# : 35945597

PM: MRC **Due Date: 04/08/25**

CLIENT: PACNEW

Project #

Project Manager:

Client:

Date and Initials of person:
Examining contents: SB4
Verifying pH: SB4

Thermometer Used: T-409 Date: 3/28/25 Time: 1120 Initials: LL

State of Origin: _____ ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C 5.0	(Visual)	-0.1	(Correction Factor) 4.9	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #2 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #3 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #4 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #5 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #6 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Recheck for OOT °C _____	(Visual)	_____	(Correction Factor) _____	(Actual) Time: _____ Initials: _____

Courier: ☑Fed Ex ☐UPS ☐USPS ☐Client ☐Commercial ☐Pace ☐Other: _____

Shipping Method: ☐Standard Overnight ☐First Overnight ☑Priority Overnight ☐Ground ☐International Priority ☐Other: _____

Billing: ☐Recipient ☑Sender ☐Third Party ☐Credit Card ☐Unknown

Tracking # 8801 2699 9892

Custody Seal Present: ☐Yes ☑No Seal property placed and intact: ☐Yes ☐No Ice: ☑Wet ☐Blue ☐Dry ☐None ☐Melted

Packing Material: ☑Bubble Wrap ☐Bubble Bags ☐None ☐Other:

Samples shorted to lab: ☐Yes ☐No (If yes, complete the following)
Shorted Date: _____ Shorted Time: _____
Bottle Quantity / Type:

Chain of Custody:	**Present:** ☑Yes ☐No | **Filled Out:** ☑Yes ☐No ☐N/A | **Sampler Name:** ☐Yes ☐No ☑N/A			
	Relinquished To Pace: ☑Yes ☐No ☐N/A | **Sampling Date(s):** ☑Yes ☐No ☐N/A | **Sampling Time(s):** ☑Yes ☐No ☐N/A			
Samples Arrived within Hold Time.	☑Yes	☐No	☐N/A	Comments:
Rush Turnaround Requested on COC.	☐Yes	☑No	☐N/A	Comments:
Sufficient Volume.	☑Yes	☐No	☐N/A	Comments:
Correct Containers Used.	☑Yes	☐No	☐N/A	Comments:
Containers Intact.	☑Yes	☐No	☐N/A	Comments:
Sample Labels Match COC (Sample ID, Date/Time of Collection).	☐Yes	☑No	☐N/A	Comments: No Sample label on all samples received.
All containers needing acid / base preservation have been checked.	☑Yes	☐No	☐N/A	Preservation Information: Preservative: _____ Date: _____
All containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, PFAS	☑Yes	☐No	☐N/A	Lot / Trace: _____ Time: _____ Amount added (mL): _____ Initials: _____
Headspace in Volatile Vials? (>6mm):	☐Yes	☐No	☑N/A	
Trip Blank Present:	☐Yes	☐No	☑N/A	

Comments / Resolutions (use back for additional comments): matched to COC by the ~~I~~ SB4 3/28 IPWO label.

Labeled by: SB4 Reviewed by: AFS Delivered by: —

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

April 03, 2025

Kimberly Ingram
Pace Analytical New Orleans
1000 Riverbend Blvd
Suite F
St. Rose, LA 70087

RE: Project: 20349793 Comite Resources
Pace Project No.: 35945597

Dear Kimberly Ingram:

Enclosed are the analytical results for sample(s) received by the laboratory on March 28, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mathew Cichon
mathew.cichon@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

cc: Client Services, Pace Analytical New Orleans

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

CERTIFICATIONS

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Pace Analytical Services Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
California Certification# 3096
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
DoD-ANAB #:ADE-3199
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Utah
Utah FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

SAMPLE SUMMARY

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20349793001	**Bridge**	Water	03/26/25 14:30	03/28/25 11:05
20349793002	**One**	Water	03/26/25 13:30	03/28/25 11:05
20349793003	**Two**	Water	03/26/25 14:15	03/28/25 11:05
20349793004	**Four**	Water	03/26/25 14:45	03/28/25 11:05

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

SAMPLE ANALYTE COUNT

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
20349793001	**Bridge**	EPA 365.4	AGS	1	PASI-O
20349793002	**One**	EPA 365.4	AGS	1	PASI-O
20349793003	**Two**	EPA 365.4	AGS	1	PASI-O
20349793004	**Four**	EPA 365.4	AGS	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

SUMMARY OF DETECTION

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
20349793001	**Bridge**					
EPA 365.4	Phosphorus, Total (as P)	0.65	mg/L	0.10	04/02/25 15:58	
20349793002	**One**					
EPA 365.4	Phosphorus, Total (as P)	0.45	mg/L	0.10	04/02/25 15:59	
20349793003	**Two**					
EPA 365.4	Phosphorus, Total (as P)	0.48	mg/L	0.10	04/02/25 16:01	
20349793004	**Four**					
EPA 365.4	Phosphorus, Total (as P)	0.14	mg/L	0.10	04/02/25 16:02	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Sample: Bridge **Lab ID: 20349793001** Collected: 03/26/25 14:30 Received: 03/28/25 11:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.65**	mg/L	0.10	1	03/31/25 17:00	04/02/25 15:58	7723-14-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Sample: One **Lab ID: 20349793002** Collected: 03/26/25 13:30 Received: 03/28/25 11:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.45**	mg/L	0.10	1	03/31/25 17:00	04/02/25 15:59	7723-14-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Sample: Two **Lab ID: 20349793003** Collected: 03/26/25 14:15 Received: 03/28/25 11:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.48**	mg/L	0.10	1	03/31/25 17:00	04/02/25 16:01	7723-14-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Sample: Four **Lab ID: 20349793004** Collected: 03/26/25 14:45 Received: 03/28/25 11:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 Pace Analytical Services - Ormond Beach							
Phosphorus, Total (as P)	**0.14**	mg/L	0.10	1	03/31/25 17:00	04/02/25 16:02	7723-14-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: 20349793 Comite Resources
Pace Project No.: 35945597

QC Batch: 1088040
QC Batch Method: EPA 365.4
Analysis Method: EPA 365.4
Analysis Description: 365.4 Phosphorus
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

METHOD BLANK: 5968465 Matrix: Water
Associated Lab Samples: 20349793001, 20349793002, 20349793003, 20349793004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus, Total (as P)	mg/L	ND	0.10	04/02/25 15:44	

LABORATORY CONTROL SAMPLE: 5968466

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	4	4.3	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5968483 5968482

Parameter	Units	35945560002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phosphorus, Total (as P)	mg/L	4.6	4	4	8.9	8.8	107	106	80-120	0	20	L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5968485 5968484

Parameter	Units	35945562002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phosphorus, Total (as P)	mg/L	0.30	4	4	4.5	4.5	104	106	80-120	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALIFIERS

Project: 20349793 Comite Resources
Pace Project No.: 35945597

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L Off-scale high. Actual value is known to be greater than value given.

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20349793 Comite Resources
Pace Project No.: 35945597

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20349793001	**Bridge**	EPA 365.4	1088040	EPA 365.4	1088314
20349793002	**One**	EPA 365.4	1088040	EPA 365.4	1088314
20349793003	**Two**	EPA 365.4	1088040	EPA 365.4	1088314
20349793004	**Four**	EPA 365.4	1088040	EPA 365.4	1088314

Internal Transfer Chain of Custody

WO# : 35945597

35945597

☐ Rush Multiplier____X

☒ Samples Pre-Logged into eCOC

Workorder: 20349793 **Workorder Name:** SANKOFA

State Of Origin: LA

Cert. Needed: ☐ Yes ☐ No

Owner Received Date: 3/26/2025 **Results Requested By:** 4/10/2025

Report To

Kimberly J Ingram
Pace Analytical Baton Rouge
7979 Innovation Park Drive
Baton Rouge, LA 70820
Phone (225) 769-4900

Subcontract To

Pace Analytical Ormond Beach
8 East Tower Circle
Ormond Beach, FL 32174
Phone (386)672-5668

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: H2SO4	365.4 T. Phos	Requested Analysis	LAB USE ONLY
1	Bridge	PS	3/26/2025 13:30	20349793001	Water	1	X		
2	One	PS	3/26/2025 12:30	20349793002	Water	1	X		
3	Two	PS	3/26/2025 13:15	20349793003	Water	1	X		
4	Four	PS	3/26/2025 13:45	20349793004	Water	1	X		
5									

Transfers	Released By	Date/Time	Received By	Date/Time
1	[illegible]	3/27/25 17:00	[illegible]	3/28/25 [illegible]
2				
3				

Comments

Cooler Temperature on Receipt 4.4 °C **Custody Seal** Y or (N) **Received on Ice** (Y) or N **Samples Intact** (Y) or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.*

FLA

INTER_LABORATORY WORK ORDER # 20349793

(To be completed by sending lab)

Ship To:
Pace Analytical Ormond Beach
8 East Tower Circle
Ormond Beach, FL 32174
Phone (386)672-5668

Sending Project No:	20349793
Receiving Project No:	
Check Box for Consolidated Invoice:	☐
Date Prepared:	03/27/25
REQUESTED COMPLETION DATE:	**4/10/2025**

Sending Region	IR20-New Orleans	Sending Project Mgr.	Kimberly J Ingram
Receiving Region	IR35-Ormand Beach	External Client	Comite Resources
State of Sample Origin	LA	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? Wet _____ Cert. Needed _____

WORK REQUESTED

Method Description	Container Type	Quantity of containers	Preservative	Quantity of Samples	Acode	Acode Desc
365.4 T. Phos	BP4S	4	H2SO4	4	SI-21WET0	SUB PASI WTA

Special Requirements: Report C, QC Limits (C),MODAD (1374)

FOR ANALYTICAL WORK COMPLETED THIS SECTION ALSO

Return Samples to Sending Region: ☐ Yes ☑ No

DISPOSITION of FORM

Original sent to the receiving lab - Copy kept at the sending lab.

When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

Pace

Sample Condition Upon Receipt Form (SCUR)

WO# : 35945597

PM: MRC **Due Date: 04/08/25**

CLIENT: PACNEW

Project #

Project Manager:

Client:

Date and Initials of person:
Examining contents: SB4
Verifying pH: SB4

Thermometer Used: T-409 Date: 3/28/25 Time: 1120 Initials: LL

State of Origin: _____ ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C 5.0	(Visual)	-0.1	(Correction Factor) 4.9	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #2 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #3 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #4 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #5 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Cooler #6 Temp.°C _____	(Visual)	_____	(Correction Factor) _____	(Actual) ☐Samples on ice, cooling process has begun.
Recheck for OOT °C _____	(Visual)	_____	(Correction Factor) _____	(Actual) Time: _____ Initials: _____

Courier: ☑Fed Ex ☐UPS ☐USPS ☐Client ☐Commercial ☐Pace ☐Other: _____

Shipping Method: ☐Standard Overnight ☐First Overnight ☑Priority Overnight ☐Ground ☐International Priority ☐Other: _____

Billing: ☐Recipient ☑Sender ☐Third Party ☐Credit Card ☐Unknown

Tracking # 8801 2699 9892

Custody Seal Present: ☐Yes ☑No Seal property placed and intact: ☐Yes ☐No Ice: ☑Wet ☐Blue ☐Dry ☐None ☐Melted

Packing Material: ☑Bubble Wrap ☐Bubble Bags ☐None ☐Other:

Samples shorted to lab: ☐Yes ☐No (If yes, complete the following)
Shorted Date: _____ Shorted Time: _____
Bottle Quantity / Type:

Chain of Custody:	**Present:** ☑Yes ☐No | **Filled Out:** ☑Yes ☐No ☐N/A | **Sampler Name:** ☐Yes ☐No ☑N/A			
	Relinquished To Pace: ☑Yes ☐No ☐N/A | **Sampling Date(s):** ☑Yes ☐No ☐N/A | **Sampling Time(s):** ☑Yes ☐No ☐N/A			
Samples Arrived within Hold Time.	☑Yes	☐No	☐N/A	Comments:
Rush Turnaround Requested on COC.	☐Yes	☑No	☐N/A	Comments:
Sufficient Volume.	☑Yes	☐No	☐N/A	Comments:
Correct Containers Used.	☑Yes	☐No	☐N/A	Comments:
Containers Intact.	☑Yes	☐No	☐N/A	Comments:
Sample Labels Match COC (Sample ID, Date/Time of Collection).	☐Yes	☑No	☐N/A	Comments: NO Sample label on all samples received.
All containers needing acid / base preservation have been checked.	☑Yes	☐No	☐N/A	Preservation Information: Preservative: _____ Date: _____
All containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, PFAS	☑Yes	☐No	☐N/A	Lot / Trace: _____ Time: _____ Amount added (mL): _____ Initials: _____
Headspace in Volatile Vials? (>6mm):	☐Yes	☐No	☑N/A	
Trip Blank Present:	☐Yes	☐No	☑N/A	

Comments / Resolutions (use back for additional comments): matched to COC by the ~~I~~ SB4 3/28 IPWO label.

Labeled by: SB4 Reviewed by: AFS Delivered by: —

INVOICE

Pace Analytical Services, LLC 41-1821617
Pace Analytical National 62-0814289

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
Phone: (225) 769-4900

Date:	04/03/2025
Invoice #:	**2520460773**
Customer PO#:	
Terms:	Net 30
Due Date:	05/03/2025
Total Due:	**$1,056.20**

Sold To:

Robert Lane
Comite Resources
PO Box 66596
Baton Rouge, LA 70896
(225) 247-3917

Please Remit To:

Pace Analytical Services, LLC
P.O. Box 684056
Chicago, IL 60695-4056

Client Number/Client ID	*Purchase Order No*	*Pace Project Mgr*	*Terms***	*Page*
24-297606 / BR-Comite		Kimberly J Ingram	Net 30	1

Client Project: SANKOFA
Client Name: Comite Resources
Pace Project No: 20349793
Sample Received: 3/26/2025
Report Sent To: Robert Lane, Comite Resources
Comments:

ANALYTICAL CHARGES

Quantity	Unit	Description	Method	Matrix	Price	Total
4	Ea	2540D Total Suspended Solids	SM 2540D 2011	Water	$15.70	$62.80
4	Ea	351.2 Total Kjeldahl Nitrogen	EPA 351.2	Water	$39.10	$156.40
4	Ea	365.4 T. Phos		Water	$36.70	$146.80
4	Ea	4500 Ammonia Water	SM 4500-NH3 G	Water	$32.60	$130.40
4	Ea	5210B BOD, 5 day	SM 5210B	Water	$39.10	$156.40
1	Ea	Environmental Impact Fee	Miscellaneous Charges	Water	$35.00	$35.00
4	Ea	SM4500NO3-F, Nitrate, Preserved	SM 4500-NO3 F	Water	$55.40	$221.60
4	Ea	SM4500P-E, Phosphate, Ortho	SM 4500-P E	Water	$27.70	$110.80
4	Ea	Sample Disposal	Miscellaneous Charges	Water	$9.00	$36.00
					Analytical Subtotal	$1,056.20

Total Number of Charges 33 **Total Invoice Amount** **$1,056.20**

Samples Received for analysis:

Lab ID	Client Sample ID	Received
20349793001	Bridge	3/26/2025 2:25:00
20349793002	One	3/26/2025 2:25:00
20349793003	Two	3/26/2025 2:25:00
20349793004	Four	3/26/2025 2:25:00

A CREDIT CARD SURCHARGE OF UP TO 3% MAY BE ADDED TO ANY PAYMENTS MADE VIA CREDIT CARD.
****1.5% MONTHLY FINANCE CHARGE ASSESSED AFTER 30 DAYS OR TERMS OF CONTRACT.**
PLEASE REFERENCE THE INVOICE NUMBER ON ALL REMITTANCE ADVICE.

AN EQUAL OPPORTUNITY EMPLOYER

Please complete and return copy of invoice with your payment.

INVOICE TOTAL **$1,056.20**

Paid in Full by Comite Resources

Amount Paid: $ _____

Check No: _____

Customer No: 24-297606 Invoice No: 2520460773