



Florida DEP North East District ROC BMAP Field sheet

Data Pass CCV?
Yes/No

Date: 7/11/21 RQ#: 2021-06-28-40

Event Name: BMAP 2

Meter ID: Bruce

Sampling Team Members: Jeremy Parrish & Jessica Lee

All bacteria samples taken are surface water grab samples.

WIN Number / Site Name <u>NW Tributary to Open Cr @ Hodges</u> <u>20030848</u>					WBID Number <u>2299B</u>		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☒ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation <u>JP</u>		Initials Documentation <u>KL</u>	
					Sample Access: Wading ☐ Dock ☐ From Shore ☒ Bridge ☐				Sample Ice Preserved in 15 minutes? Yes ☒ No ☐					
Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack				
<u>0915</u>	<u>0.277</u>	<u>0.13</u>	<u>26.8</u>	<u>345.6</u>	<u>0.18</u>	<u>7.04</u>	<u>6.06</u>	<u>75.8</u>	<u>0.277</u>	<u>—</u>				
Comments and Weather: <u>overcast</u>														

WIN Number / Site Name <u>Trout R @ Dinsmore Boat ramp dock NR US 1</u> <u>20030123</u>					WBID Number <u>2203B</u>		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☐ Enterococcus ☒ Fecal ☐		Initials Sample & Preservation <u>JP</u>		Initials Documentation <u>KL</u>	
					Sample Access: Wading ☐ Dock ☒ From Shore ☐ Bridge ☐				Sample Ice Preserved in 15 minutes? Yes ☒ No ☐					
Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack				
<u>1015</u>	<u>0.306</u>	<u>0.15</u>	<u>24.8</u>	<u>173.5</u>	<u>0.08</u>	<u>6.47</u>	<u>4.66</u>	<u>56.0</u>	<u>0.306</u>	<u>Falling</u>				
Comments and Weather: <u>overcast</u>														

WIN Number / Site Name <u>Moncrief cr @ 21st St</u> <u>20030897</u>					WBID Number <u>2228B</u>		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☒ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation <u>JP</u>		Initials Documentation <u>KL</u>	
					Sample Access: Wading ☐ Dock ☐ From Shore ☐ Bridge ☒				Sample Ice Preserved in 15 minutes? Yes ☒ No ☐					
Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack				
<u>1045</u>	<u>0.081</u>	<u>0.080</u>	<u>25.2</u>	<u>443.6</u>	<u>0.21</u>	<u>7.05</u>	<u>3.80</u>	<u>46.1</u>	<u>0.081</u>	<u>—</u>				
Comments and Weather: <u>overcast</u>														

Signature: [Signature] Date: 7/11/21

Field Sheet Scanned (Initials/date): KL 7/11/21 Parameters uploaded to LIMs (Initials/date): _____

Data QC'd in LIMs (Initials/date): BD 08/17/2021 Data Migrated to WIN (Initials/date): _____

WIN Number / Site Name Trout River @ Old King Rd 20030753					WBID Number 2203		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☒ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation JP		Initials Documentation JL		
					Sample Access: Wading ☐ Dock ☐ From Shore ☒ Bridge ☐		Sample Ice Preserved in 15 minutes? Yes ☒ No ☐								
Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack					
1025	0.672	0.34	23.8	118.7	0.05	6.36	5.90	69.8	0.4	—					
Comments and Weather:															

WIN Number / Site Name Moncrief Cr @ Moncrief Rd 20030726					WBID Number 2228B		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☒ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation JP		Initials Documentation JL		
					Sample Access: Wading ☐ Dock ☐ From Shore ☒ Bridge ☐		Sample Ice Preserved in 15 minutes? Yes ☒ No ☐								
Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack					
1055	0.631	0.3	26.7	322.9	0.15	7.06	3.34	42.0	0.631	—					
Comments and Weather:															

WIN Number / Site Name Terrapin Cr @ Faye Rd 20030653					WBID Number 2204		Matrix: Surface ☒ Fresh ☒ Surface Salt ☐		Sample Type: E. coli ☒ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation JP		Initials Documentation JL		
					Sample Access: Wading ☐ Dock ☐ From Shore ☒ Bridge ☐		Sample Ice Preserved in 15 minutes? Yes ☒ No ☐								
Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack					
0950	0.078	0.077	26.4	171.8	0.08	6.78	6.33	78.5	0.078	—					
Comments and Weather:															

WIN Number / Site Name					WBID Number		Matrix: Surface ☐ Fresh ☐ Surface Salt ☐		Sample Type: E. coli ☐ Enterococcus ☐ Fecal ☐		Initials Sample & Preservation		Initials Documentation		
					Sample Access: Wading ☐ Dock ☐ From Shore ☐ Bridge ☐		Sample Ice Preserved in 15 minutes? Yes ☐ No ☐								
Time	Total depth(m)	Sample depth(m)	Temp °C	Conductivity µmhos	Salinity ppt	pH s.u.	D.O. mg/L	D.O. % sat	Secchi m	Tide Ebb/ Flood Slack					
Comments and Weather:															

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: Bruce RQ: 2021-06-28-40 2021-06-28-41 Project: BMAP/SMP

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

5/17/21

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Lee	7/1/21	0735	21.7	762.8	8.8	8.8	100.4	-	1.04	(P) F	(L) F
ICV			0737	21.7	762.8	8.8	8.83	100.4	-	1.04	(P) F	(L) F
CCV	J. Pansh	7/1/21	1145	21.2	762.9	9.0	8.86	99.8	-	-	(P) F	(L) F
CCV											P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Lee	7/1/21	0739	210426B	5/22	1000	1000	(P) F	(L) F
ICV			0741	210426A	5/22	100	101.3	(P) F	(L) F
CCV	J. Pansh	7/1/21	1146	210426C	5/22	1413	1406	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Lee	7/1/21	0745	2012E39	12/22	7.01	22.0	7.01	-31.0	(P) F	(L) F
Calibr.			0747	2103G59	3/23	4.00	22.1	4.00	144.3	(P) F	(L) F
Calibr.			0750	2103F53	9/22	10.03	22.2	10.03	-118.6	(P) F	(L) F
ICV			0753	2103G59	3/23	4.00	22.1	3.98	143.9	(P) F	(L) F
CCV	J. Pansh	7/1/21	1150	2103F53	9/22	10.03	21.1	10.10	-204.2	(P) F	(L) F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 167.6, slope from 4 to 7 175.3 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 5/17/21

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	J. Lee	7/1/21	0751	0.00	0.00	(P) F	(L) F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:



CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR #

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