

Login Checklist

RQ- **2020 - 04 - 06 - 53**

Login Station ID: **# 3**

Shipping Method: **FedEx** | UPS | HD | Greyhound

Date/Time of Receipt: **06-17-2020 / 10:45**

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
3.1C				9		X			1278 4013 2481

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 °C (above 10.0 °C for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes **X** No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes **✓** No **X** **MSD**

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA **X**

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes **X** No _____

Caps on tight?

Yes **X** No _____

Sufficient Sample Volume:

Yes **X** No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes **X** No _____ Init: **ABS/**

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: **ABS/**

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH < 2.0?

Yes **X** No _____ NA _____ Init: **ABS/**

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA **X** Init: **ABS/**

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: **ABS/**

Date: **06-17-2020**

Event contains NCRs (Y/N)? **N**

EventID: **Moses Creek**

- **NE-DIST-2020-06-17-01 (SMP)**

Login Checklist

Login Preservation Equipment

Infrared Thermometer ID:	IRTG #3 EXP:11/05/2020
pH Test Strips 0 – 6 Lot #	2133AV EXP:05/16/2020 ^{2021/AS/06/18/20}
pH Paper 0 – 3 Lot #	220416A EXP:07/31/2020
pH Paper 0 – 13 Lot #	231019 EXP:11/01/2022
Chlorine Test Strips Lot #	6261 2020/07

Additional Comments:

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: ABS

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Moses Creek

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/16/20 Time 935	Eastern Central	Composite end Date - Time -	Bottle Group(s) (See pg 2)	
Field ID	Palm Coast Canal 0.6mi down from road		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.36	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) -	
WIN/STC			Temp (C) 28.1	pH 7.31	Sample Depth 0.05	☐ ft ☒ m	Sp. Conductance (umho/cm) 357.2	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.17	Comments			E
Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/16/20 Time 1015	Eastern Central	Composite end Date - Time -	Bottle Group(s)	
Field ID	UNNAMED DRAIN @ EAGLES NEST RD		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.20	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) -	
WIN/ST			Temp (C) 23.1	pH 6.84	Sample Depth 0.07	☐ ft ☒ m	Sp. Conductance (umho/cm) 2414	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.24	Comments			B
Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/16/20 Time 1100	Eastern Central	Composite end Date - Time -	Bottle Group(s)	
Field ID	Moses Creek at Preserve Dock		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 4.74	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) -	
WIN/STOP			Temp (C) 26.5	pH 7.00	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 5457	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 2.98	Comments			A
Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/16/20 Time 1125	Eastern Central	Composite end Date - Time -	Bottle Group(s)	
Field ID	Moses Creek 400m upstream of dock		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.97	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) -	
WIN/STOI			Temp (C) 26.4	pH 6.95	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 3244	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.69	Comments			C

Relinquished By: K. Appleby	Date/Time 6/16/20 1600	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: 	Date/Time 6-17-20 1045
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 → to ALS
	NE-ALS-ENQ						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 → to ALS
	NE-ALS-FC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 → to ALS
	NE-ALS-ECQ						

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Moses Creek

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: K. Appleby

Collected By: K. Appleby + J. Parrish

Sampling Agency: FDEP NE RO

Location	WIN ID/Field ID.		 27010050		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/16/20 Time 1200	Eastern ☒ Central	Composite end Date - Time -	Bottle Group(s) (See pg 2)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.57		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) -
WIN/STO	MOSES CR AT US 1				Temp (C) 23.8	pH 6.81	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 381.8	D
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.18	Comments					
Location					☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern ☐ Central	Composite end Date Time	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #					Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location					☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern ☐ Central	Composite end Date Time	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #					Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location					☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern ☐ Central	Composite end Date Time	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #					Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By: K. Appleby	Date/Time 6/16/20 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: 	Date/Time 6-17-20/1600
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ENQ					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-FC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ECQ					

Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3					
W-NO2NO3					
W-S-A-TP					
W-TKN					
W-TOC					
Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
W-PO4-F					
Group: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 → to ALS
NE-ALS-ENQ					
Group: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 → to ALS
NE-ALS-FC					
Group: D	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 → to ALS
NE-ALS-ECQ					
Group: D	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
W-E8321-DI					
W-E8321-MS					
Group: E	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 → to ALS
NE-ALS-ECQ					

[illegible]

Date of Request: 12-MAR-2020
 Created By: PARRISH_J On: 12-MAR-2020
 Modified By: JASROTIA_P On: 13-MAR-2020
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Sampling Event: Moses Creek

Send Coolers To:

Phone: 904-256-1693
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 12-MAR-2020
 Biology Request Reviewed By: JASROTIA_P On: 13-MAR-2020
 Sampling Kit Required: YES Ship on: 27-MAR-2020
 Sampling Kit Shipped: YES On: 25-MAR-2020
 Sampling Kit Packed By: MCCOY_J
 Preservatives Needed: NO
 Date to Receive Samples: 06-APR-2020
 Received By: SHAIK_A On: 17-JUN-2020

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments:

Group A: (Surf.-Salt) Nutrients, Bacteria
 Group B: (Surf-Fresh) Nutrients, Bacteria
 Group C: (Surf-Salt) Bacteria
 Group D: (Surf.-Fresh) Bacteria, Tracers
 Group E: (Surf.-fresh) Bacteria

NE-ALS-ENQ
 NE-ALS-FC
 NE-ALS-ECQ

Packing Notes:**Bottle Group A (Water) With 1 Samples:**

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by ALS in Jacksonville
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H₂SO₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by ALS in Jacksonville

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group E (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.