

Project Title: Alva

Location Code: 27O-GR20

Location Coordinates: N26.740289, W-81.755697

Location Description: Owl Creek @ SR78; upstream side

Sample Collection Time: 9:16

Lab ID# AD72928

Sample Collectors: Liza Rollins & Nic DeFilippo

Date: 4/24/2018

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD72928
@NP	1	1L	PE	N/A	AD72928
@NPFIL	1	250mL	PE	N/A	AD72928
@H2SO4	1	250mL	PE	No	AD72928
@HNO3	1	250mL	PE	No*	AD72928
@BACT	2	100mL	PP	Yes**	AD72928

11	Temp (°C)	SpCond (µS/cm)	D.O. (%)	D.O. (mg/L)	pH	Velocity (ft/s)	DFTOSTWS (ft)	Sample Depth (m)	Total Depth (m)
Field Parameters	22.99	599	27.50	2.36	7.29	0.100	8.55	0.50	0.50
Qualifiers						U			

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

SAMP = Regular Sample PP = Polypropylene
FB = Field Blank PE = Polyethylene
FCEB = Field Cleaned CG = Clear Glass
Equipment Blank G = Grab
SWF = Surface Water Fresh GV = Grab Van Dorn

Flow Calculation (if Applicable):

Flow (ft³/s):

Flow MDL:

Flow Qualifier:

Collection Method: G

Sample Type: SAMP

Sample Matrix: SWF

Equipment Used

YSI Data Logger/Sonde # K

Calibrated: 4/24/2018 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable)

Velocity Meter ID# 1A

Distance Measuring Tool ID# 5346

0.45µm Filter, 47mm PP Filter Holder, & 60mL Syringe

Filter Lot # R6PA37157 Exp Date: 3/8/2020

30mL FEP Drop Bottle w/Sulfuric Acid (see preservatives)

0.0-3.0 pH Test Paper for pH Verification

Containers of Analyte Free Water for Rinsing and Blank

- ☒ DFTOSTWS taken from middle of structure
☒ Samples submerged in ice within 15min.
☒ Samples preserved with Sulfuric Acid acidified in field within 15min.
☒ Filtered sample filtered on site
☒ Equipment & Bottles cleaned according to DEP
FC1000 and LCEL Field Sampling Quality Manual Misc: _____
☒ Velocity not detectable and/or is lower than MDL
☒ Acidified samples pH verified in field (quarterly)
Quarterly Months: January, April, July, October
☐ @NP bottle used to fill all other bottles.

Preservatives:	Lot #	Exp. Date
H ₂ SO ₄	3114100	11/13/2017
HNO ₃ *	1116110	12/16/2018
Na ₂ S ₂ O ₃	170129	6/30/2030

Signature of Sample Collector(s) and Date:

Nicole De Filippo 4/24/18