

Project Title: Alva

Location Code: 270-GR20

Location Coordinates: N26.740289, W-81.755697

Location Description: Owl Creek @ SR78; upstream side

Sample Collection Time: 11:36

Lab ID# AD87407

Sample Collectors: Nic DeFilippo & Patrick Daughy

Date: 9/25/2018

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

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	28.12	182	68.30	5.33	7.18	0.231	7.49	0.50	0.70
Qualifiers									

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

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD87407
@NP	1	1L	PE	N/A	AD87407
@NPFIL	1	250mL	PE	N/A	AD87407
@H2SO4	1	250mL	PE	No	AD87407
@HNO3	1	250mL	PE	No*	AD87407
@BACT	2	100mL	PP	Yes**	AD87407

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 # H

Calibrated: 9/25/2018 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable)

Velocity Meter ID# 3B

Distance Measuring Tool ID# 4994

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

Filter Lot # R7BA53224 Exp Date: 9/19/2023

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
- ☐ 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	171116	12/31/2050

Signature of Sample Collector(s) and Date:

9/25/2018