

Project Title: Alva
Location Code: 27O-GR20
Location Coordinates: N26.740289, W-81.755697
Location Description: Owl Creek @ SR78; upstream side

Sample Collection Time: 11:35

Lab ID# AD82025

Sample Collectors: Nic DeFilippo & Patrick Daughy

Date: 7/31/2018

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD82025
@NP	1	1L	PE	N/A	AD82025
@NPFIL	1	250mL	PE	N/A	AD82025
@H2SO4	1	250mL	PE	No	AD82025
@HNO3	1	250mL	PE	No*	AD82025
@BACT	2	100mL	PP	Yes**	AD82025

11	Temp (°C)	SpCond (µS/cm)	D.O. (%)	D.O. (mg/L)	pH	Velocity (ft/s)	DFTOSTWS (ft)	Sample Depth (m)	Total Depth (m)	SAMP = Regular Sample	PP = Polypropylene
Field Parameters	26.64	364	64.00	5.13	7.31	0.100	7.95	0.50	0.60	FB = Field Blank	PE = Polyethylene
Qualifiers						U				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: 7/30/2018 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # _____ (if applicable)

Velocity Meter ID# 2C

Distance Measuring Tool ID# 5349

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

Signature of Sample Collector(s) and Date:

7/31/2018

- ☒ 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)

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

Misc: _____

Quarterly Months: January, April, July, October

☐ @NP bottle used to fill all other bottles.

Handwritten signature and date:
8-1-18
10:05