

Project Title: Alva

Location Code: 27-6GR

Location Coordinates: N26.740151, W-81.736947

Location Description: Trout Creek @ SR78; upstream side

Sample Collection Time: 10:56

Lab ID# AD44957

Sample Collectors: Liza Rollins & Brian Ellis

Date: 5/1/2017

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD44957
@NP	1	1L	PE	N/A	AD44957
@NPFIL	1	250mL	PE	N/A	AD44957
@H2SO4	1	250mL	PE	No	AD44957
@HNO3	1	250mL	PE	No*	AD44957
@BACT	2	100mL	PP	Yes**	AD44957

10	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	24.96	8275	30.50	2.46	7.29	0.100	7.52	0.40	0.40
Qualifiers						U			

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

SAMP = Regular Sample
FB = Field Blank
FCBB = Field Cleaned
Equipment Blank
SWF = Surface Water Fresh
PP = Polypropylene
PE = Polyethylene
CG = Clear Glass
G = Grab
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 #

G

Calibrated: 5/1/2017 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable)

Velocity Meter # 2h

Sonin Electronic Distance Measuring Tool 4994

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

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 *	1115041	4/29/2017
Na ₂ S ₂ O ₃	160903	1/31/2020

Misc:

Signature of Sample Collector(s) and Date:

Liza Rollins 5/1/17

Tyler Reynolds 05/03/17
@ 9:45a