

Project Title: Powl/Bayshore

Location Code: 24-7GR

Location Coordinates: N26.715065, W-81.799786

Location Description: Stroud Creek @ SR78 Up Side

Sample Collection Time: 11:42

Lab ID# AD86604

Sample Collectors: Liza Rollins & Nic DeFilippo

Date: 9/17/2018

\*Nitric Acid added upon return to Lab

\*\*Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

| 4                   | Temp<br>(°C) | SpCond<br>(µS/cm) | D.O.<br>(%) | D.O.<br>(mg/L) | pH   | Velocity<br>(ft/s) | DFTOSTWS<br>(ft) | Sample Depth<br>(m) | Total Depth<br>(m) |
|---------------------|--------------|-------------------|-------------|----------------|------|--------------------|------------------|---------------------|--------------------|
| Field<br>Parameters | 28.99        | 212               | 50.30       | 3.86           | 7.15 | 1.061              | 12.28            | 0.50                | 1.00               |
| Qualifiers          |              |                   |             |                |      |                    |                  |                     |                    |

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 (ft<sup>3</sup>/s):

Flow MDL:

Flow Qualifier:

Collection Method: G

Sample Type: SAMP

Sample Matrix: SWF

Equipment Used

YSI Data Logger and/or Sonde ID# J

Calibrated: 9/17/2018 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable):

Velocity Meter ID# 3C

Distance Measuring Tool ID# 5346

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:

☒ DFTOSTWS taken from middle of bridge

☒ 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 <sub>2</sub> SO <sub>4</sub>                | 3114100 | 11/13/2017 |
| HNO <sub>3</sub> *                            | 1116110 | 12/16/2018 |
| Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 171116  | 12/31/2050 |

Misc: \_\_\_\_\_

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SR 9-18-18 9:20