Project Title: 10 Mile Canal
Location Code:10MIGR10
Location Coordinates: N26.481002, W-81.854534
Location Description: 10 Mile Canal @ Park Rd; dead end in Island Park
Sample Collection Time: 9:26
Lab ID# AE80732

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AE80732
@NP	1	1L	PE	N/A	AE80732
@NPFIL	1	250mL	PE	N/A	AE80732
@H2SO4	1	250mL	PE	No	AE80732
@HNO3	1	250mL	PE	No*	AE80732
@TOC	1	40mL	CG	Yes***	AE80732
@BACT	2	100mL	PP	Yes**	AE80732

Sample Collectors: Garrett Kusienski & Bret O'Brien
Date: 3/24/2021

*Nitric Acid added upon return to Lab
**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific
***Pre-Preserved with Sulfuric Acid

6	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	22.74	34772	66.20	5.03	7.39	-0.374	11.95	0.50	1.00
Qualifiers						I			

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

Flow Calculation (if Applicable): Flow (ft^3/s): -108 Flow MDL: 29 Flow Qualifier: I

Collection Method: G Sample Type: SAMP Sample Matrix: SWE

Preservatives	Lot #	Exp. Date
H_2SO_4	3119020	5/21/2022
HNO_3*	1119120	1/7/2022
$Na_2S_2O_3$	200118	12/31/2049
TOC H_2SO_4	25122000	3/17/2022

Equipment Used

YSI Data Logger and/or Sonde ID# G

Calibrated: 3/21/2021 (see Field Equipment Calibration Log)

Sampler Pole Name (if applicable): Grabber

Velocity Meter ID# 1B

Distance Measuring Tool ID# Red

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

- [x] DFTOSTWS taken from end of top wood platform
- [x] Samples submerged in ice within 15min.
- [x] Samples preserved with Sulfuric Acid acidified in field within 15min.
- [x] Filtered sample filtered on site
- [x] 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
- [x] @NP bottle used to fill all other bottles.

MISC:

Signature of Sample Collector(s): Bt O'B