

Project Title: Imperial Kehl
 Location Code: IMPRGR51
 Location Coordinates: N26.343744, W-81.777744
 Location Description: Leitner Creek @ Goodwin; downstream side
 Sample Collection Time: 9:25
 Lab ID# AE80190

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AE80190
@NP	1	1L	PE	N/A	AE80190
@NPFIL	1	250mL	PE	N/A	AE80190
@H2SO4	1	250mL	PE	No	AE80190
@HNO3	1	250mL	PE	No*	AE80190
@TOC	1	40mL	CG	Yes***	AE80190
@BACT	1	100mL	PP	Yes**	AE80190

Sample Collectors: Liza Rollins & Garrett Kusienski

Date: 3/23/2021

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

3	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	21.85	1608	24.80	2.17	7.04	0.100	10.32	0.4	0.8
Qualifiers						U			

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 (ft³/s):

9 Flow MDL

9 Flow Qualifier:

U

Collection Method: G

Sample Type: SAMP

Sample Matrix: SWF

Equipment Used

YSI Data Logger/Sonde #

J

Calibrated: 3/23/2021 (see Field Equipment Calibration Log)

Sampler Pole Name: (if applicable)

Velocity Meter #

2C

Distance Measuring Tool ID#

491

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

Filter Lot # R9CA01881

Exp Date:

6/9/2050

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 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 ₂ SO ₄	3119020	5/21/2022
HNO ₃ *	1119120	1/7/2022
Na ₂ S ₂ O ₃	200118	12/31/2049
TOC H ₂ SO ₄	25122000	3/17/2022

MISC:

Signature of Sample Collector(s):

Liza Rollins

Garrett Kusienski