

Sample Information

Sample ID:	22403239	Collectors Name:	Mark Smith
Address of Source:	Happy Camp - Midstream	Sample Point:	Midstream
Project Name:	Klamath River	Source:	Klamath River
Received Date:	09/19/2024	Treatment System:	None

Results of Chemical Analysis

Sample Notes: Happy Camp -Midstream		Collection Date: 09/10/24 8:00 AM							
Contaminant	Method	LOQ	RESULTS	Units	EPA Limit	Date Analyzed	Analyst	ID	Data Flags
Total Suspended Solids	EPA 160.2	1.0	3108.00	mg/L		09/20/24 3:43 pm	PVS	AA	H,C
Settleable Solids	SM 2540 F	0.1	15.00	mL/L		09/19/24 3:05 pm	PVS	AB	H,C
Silver	EPA 200.7	0.015	ND	mg/L		09/26/24 2:01 pm	PVS	AC	C
Aluminum	EPA 200.7	0.04	75.1598	mg/L		10/01/24 2:01 pm	PVS	AD	C
Alkalinity	SM 2320B	5.0	64.0	mg/L		09/20/24 1:57 pm	PVS	AE	C
Arsenic	SM 3113 B	0.005	0.0797	mg/L		09/27/24 9:09 am	PVS	AF	C
Boron	EPA 200.7	0.03	0.2537	mg/L		09/26/24 2:01 pm	PVS	AG	C
Barium	EPA 200.7	0.003	0.3395	mg/L		09/26/24 2:01 pm	PVS	AH	C
Beryllium	EPA 200.7	0.003	0.0050	mg/L		09/26/24 2:01 pm	PVS	AI	C
Calcium	EPA 200.7	1.0	32.00	mg/L		09/26/24 12:16 pm	PVS	AJ	C
Cadmium	EPA 200.7	0.003	0.1169	mg/L		09/26/24 2:01 pm	PVS	AK	C
Chloride	EPA 300.0	1.0	ND	mg/L		09/19/24 4:44 pm	PVS	AL	C
Cobalt	EPA 200.7	0.03	ND	mg/L		09/26/24 12:16 pm	PVS	AM	C
Conductivity	SM 2510 B	1.0	193.2	umhos/cm		09/20/24 12:23 pm	PVS	AN	C
Chromium	EPA 200.7	0.015	0.0679	mg/L		09/26/24 2:01 pm	PVS	AO	C
Copper	EPA 200.7	0.006	0.0901	mg/L		09/26/24 2:01 pm	PVS	AP	C
Iron- Total	EPA 200.7	0.03	70.2920	mg/L		10/01/24 2:01 pm	PVS	AQ	C
Fluoride	EPA 300.0	0.50	ND	mg/L		09/19/24 4:44 pm	PVS	AR	C
Total Hardness	SM 2340B	2.0	185.8	mg/L		09/26/24 9:04 am	PVS	AS	C
Potassium	EPA 200.7	1.0	7.89	mg/L		09/26/24 12:16 pm	PVS	AT	C
Lithium	EPA 200.7	0.03	0.0560	mg/L		09/26/24 12:16 pm	PVS	AU	C
Magnesium	EPA 200.7	1.0	25.70	mg/L		09/26/24 12:16 pm	PVS	AV	C
Manganese	EPA 200.7	0.03	1.6026	mg/L		09/26/24 2:01 pm	PVS	AW	C
Molybdenum	EPA 200.7	0.06	ND	mg/L		09/26/24 2:01 pm	PVS	AX	C
Sodium	EPA 200.7	3.0	18.22	mg/L		09/26/24 12:16 pm	PVS	AY	C
Nickel	EPA 200.7	0.020	0.0319	mg/L		09/26/24 2:01 pm	PVS	AZ	C
Nitrite	EPA 300.0	0.5	ND	mg/L		09/19/24 4:44 pm	PVS	BA	H,C
Nitrate	EPA 300.0	0.5	ND	mg/L		09/19/24 4:44 pm	PVS	BB	H,C
Ortho-phosphates	EPA 300.0	0.5	ND	mg/L		09/19/24 4:44 pm	PVS	BC	H,C
Lead	SM 3113 B	0.01	ND	mg/L		09/25/24 9:03 am	PVS	BD	C
pH	EPA 150.1		7.04	S.U.		09/20/24 9:15 am	PVS	BE	H,C
Sodium Absorption Ratio	Calculation		0.58			09/26/24 9:04 am	PVS	BF	C
Selenium	EPA 200.7	0.03	ND	mg/L		09/26/24 2:01 pm	PVS	BG	C
Sulfates	EPA 300.0	1	1.56	mg/L		09/19/24 4:44 pm	PVS	BH	C
Total Dissolved Solids	EPA 160.1	2.0	129.4	mg/L		09/20/24 1:00 pm	PVS	BI	H,C
Turbidity	SM19 2130B	0.05	531.00	NTU		09/20/24 9:51 am	PVS	BJ	H,C
Vanadium	EPA 200.7	0.015	0.2648	mg/L		09/26/24 2:01 pm	PVS	BK	C
Zinc	EPA 200.7	0.06	0.1942	mg/L		09/26/24 2:01 pm	PVS	BL	C

DEFINITIONS AND DATA FLAGS

- A Analysis is covered under ORELAP scope of Accreditation
- AA Analysis is covered under ISO scope of Accreditation
- C Sample did not meet acceptance criteria
- H Analysis performed outside method hold time
- ID Subsample identifier for each Sample number
- M Matrix Spike recovery is out of control limits due to matrix interference
The LCS was in acceptance limits showing the analysis is in control and the data is acceptable

- E Estimated Value
- LOQ Reporting Limit
- N/A Not Applicable
- ND None Detected
- S Sample Outsourced

Results Color Key
White - No EPA Limit
Low Risk within EPA Limit
Medium Risk
High Risk Exceeds EPA Limit
Call the Lab to Discuss