

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: PURG Wellhead

TestAmerica Job ID: 280-85889-4

Client Sample ID: SAWTOOTH 34-4 GS

Lab Sample ID: 280-85889-2

Date Collected: 07/21/16 13:00

Matrix: Water

Date Received: 07/22/16 10:15

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	2.2		0.050		mg/L		07/27/16 14:20	08/02/16 17:43	1

Method: 200.7 - ICP Total Metals by 200.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050		mg/L		07/25/16 14:30	07/29/16 05:11	1
Boron	0.32		0.050		mg/L		07/25/16 14:30	07/29/16 05:11	1
Calcium	24		0.10		mg/L		07/25/16 14:30	07/29/16 05:11	1
Chromium	0.011		0.010		mg/L		07/25/16 14:30	07/29/16 05:11	1
Copper	0.025		0.010		mg/L		07/25/16 14:30	07/29/16 05:11	1
Iron	2.2		0.050		mg/L		07/25/16 14:30	07/29/16 05:11	1
Potassium	6.4		5.0		mg/L		07/25/16 14:30	07/29/16 05:11	1
Magnesium	5.2		0.10		mg/L		07/25/16 14:30	07/29/16 05:11	1
Manganese	0.046		0.010		mg/L		07/25/16 14:30	07/29/16 05:11	1
Sodium	1600		2.0		mg/L		07/25/16 14:30	07/29/16 05:11	1
Selenium	ND		0.015		mg/L		07/25/16 14:30	07/29/16 05:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	17		0.40		mg/L			07/30/16 01:27	2
Chloride	1800		150		mg/L			07/30/16 01:44	50
Sulfate	ND		10		mg/L			07/30/16 01:27	2
Total Alkalinity	1100		5.0		mg/L			07/25/16 16:39	1
Bicarbonate Alkalinity as CaCO3	1100		5.0		mg/L			07/25/16 16:39	1
Carbonate Alkalinity as CaCO3	ND		5.0		mg/L			07/25/16 16:39	1
Hydroxide Alkalinity	ND		5.0		mg/L			07/25/16 16:39	1
Total Dissolved Solids	4000		40		mg/L			07/27/16 13:49	1
Total Suspended Solids	12		4.0		mg/L			07/22/16 14:31	1
Sulfide	ND		0.050		mg/L			07/25/16 21:23	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	1.0034				No Unit			07/27/16 15:37	1
Specific Conductance	6100		1.0		umhos/cm			07/27/16 22:17	1
pH	8.17	HF	0.100		SU			07/27/16 11:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.10				SU			07/21/16 13:00	1
Field Conductivity	7223				umhos/cm			07/21/16 13:00	1
Field Temperature	25.9				Degrees C			07/21/16 13:00	1

TestAmerica Denver