

Client Sample Results

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

TestAmerica Job ID: 280-37290-1

Client Sample ID: HILL 33-22

Lab Sample ID: 280-37290-1

Date Collected: 12/19/12 11:08

Matrix: Water

Date Received: 12/21/12 10:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			12/26/12 21:55	1
Ethylbenzene	ND		0.50		ug/L			12/26/12 21:55	1
Toluene	ND		0.50		ug/L			12/26/12 21:55	1
Xylenes, Total	ND		0.50		ug/L			12/26/12 21:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	95		85 - 115					12/26/12 21:55	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050		mg/L		12/26/12 08:00	12/26/12 21:16	1
Boron	0.18		0.050		mg/L		12/26/12 08:00	12/26/12 21:16	1
Calcium	4.7		0.10		mg/L		12/26/12 08:00	12/27/12 18:06	1
Chromium	0.019		0.010		mg/L		12/26/12 08:00	12/26/12 21:16	1
Copper	0.012		0.010		mg/L		12/26/12 08:00	12/26/12 21:16	1
Iron	38		0.050		mg/L		12/26/12 08:00	12/27/12 18:06	1
Potassium	ND		5.0		mg/L		12/26/12 08:00	12/26/12 21:16	1
Magnesium	0.81		0.10		mg/L		12/26/12 08:00	12/27/12 18:06	1
Manganese	0.46		0.010		mg/L		12/26/12 08:00	12/26/12 21:16	1
Sodium	690		2.0		mg/L		12/26/12 08:00	12/27/12 18:06	1
Selenium	ND		0.015		mg/L		12/26/12 08:00	12/26/12 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	42		0.050		mg/L		12/26/12 08:00	12/27/12 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	2.3		0.20		mg/L			12/28/12 08:39	1
Chloride	320		30		mg/L			12/27/12 19:01	10
Sulfate	ND		5.0		mg/L			12/28/12 08:39	1
Total Alkalinity	1100		5.0		mg/L			01/02/13 17:05	1
Bicarbonate Alkalinity as CaCO3	1100		5.0		mg/L			01/02/13 17:05	1
Carbonate Alkalinity as CaCO3	ND		5.0		mg/L			01/02/13 17:05	1
Hydroxide Alkalinity	ND		5.0		mg/L			01/02/13 17:05	1
Total Dissolved Solids	1600		20		mg/L			12/26/12 10:28	1
Total Suspended Solids	69		6.7		mg/L			12/26/12 15:40	1
Sulfide	ND		0.050		mg/L			12/24/12 16:31	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	1.0013				No Unit			01/03/13 08:23	1
Specific Conductance	2600		1.0		umhos/cm			12/28/12 10:37	1
pH	7.64	HF	0.100		SU			12/21/12 16:27	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.67				SU			12/19/12 11:08	1
Field Conductivity	2845				umhos/cm			12/19/12 11:08	1
Field Temperature	6.2				Degrees C			12/19/12 11:08	1

TestAmerica Denver