

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: Soil Testing Suite

TestAmerica Job ID: 280-56252-1

Client Sample ID: FUTURA 32-10TR TOP OF PIT
Date Collected: 06/03/14 12:15
Date Received: 06/04/14 09:25

Lab Sample ID: 280-56252-1
Matrix: Solid

Method: 20B - Sodium Adsorption Ratio - Soluble									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	ND		1.2		No Unit	—	06/06/14 18:04	06/13/14 15:24	10
Method: 6020 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		0.10		mg/Kg	☼	06/09/14 07:30	06/09/14 18:48	1
General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.1		0.10		%	—		06/11/14 12:50	1
General Chemistry - Soluble									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH adj. to 25 deg C	7.90		0.100		SU	—		06/11/14 21:39	1
Specific Conductance	4.8		2.0		umhos/cm			06/10/14 21:18	1

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: Soil Testing Suite

TestAmerica Job ID: 280-56252-1

Client Sample ID: FUTURA 32-10TR BOTTOM OF PIT

Lab Sample ID: 280-56252-2

Date Collected: 06/03/14 12:17

Matrix: Solid

Date Received: 06/04/14 09:25

Percent Solids: 80.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		6.5		ug/Kg	☼	06/06/14 18:00	06/07/14 04:09	1
Ethylbenzene	ND		6.5		ug/Kg	☼	06/06/14 18:00	06/07/14 04:09	1
Toluene	ND		6.5		ug/Kg	☼	06/06/14 18:00	06/07/14 04:09	1
Xylenes, Total	ND		6.5		ug/Kg	☼	06/06/14 18:00	06/07/14 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		58 - 140	06/06/14 18:00	06/07/14 04:09	1
Toluene-d8 (Surr)	107		80 - 126	06/06/14 18:00	06/07/14 04:09	1
4-Bromofluorobenzene (Surr)	109		76 - 127	06/06/14 18:00	06/07/14 04:09	1
Dibromofluoromethane (Surr)	102		75 - 121	06/06/14 18:00	06/07/14 04:09	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	ND		1.5		mg/Kg	☼	06/09/14 14:19	06/09/14 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	90		77 - 123	06/09/14 14:19	06/09/14 19:42	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	8.0		4.8		mg/Kg	☼	06/10/14 20:35	06/12/14 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	72		49 - 115	06/10/14 20:35	06/12/14 18:38	1

Method: 20B - Sodium Adsorption Ratio - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium Adsorption Ratio	8.8		1.2		No Unit	—	06/06/14 18:04	06/13/14 15:27	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	190		1.2		mg/Kg	☼	06/11/14 13:00	06/12/14 04:56	1
Boron	ND		12		mg/Kg	☼	06/11/14 13:00	06/12/14 04:56	1
Cadmium	ND		0.58		mg/Kg	☼	06/11/14 13:00	06/12/14 04:56	1
Calcium	2600		58		mg/Kg	☼	06/11/14 13:00	06/12/14 04:56	1
Magnesium	3100		23		mg/Kg	☼	06/11/14 13:00	06/12/14 04:56	1
Molybdenum	ND		2.3		mg/Kg	☼	06/11/14 13:00	06/13/14 00:28	1
Silver	ND		1.2		mg/Kg	☼	06/11/14 13:00	06/12/14 04:56	1
Sodium	1700		580		mg/Kg	☼	06/11/14 13:00	06/13/14 00:28	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		0.12		mg/Kg	☼	06/09/14 07:30	06/09/14 19:14	1
Chromium	16		0.24		mg/Kg	☼	06/09/14 07:30	06/09/14 19:14	1
Copper	16		0.29		mg/Kg	☼	06/09/14 07:30	06/09/14 19:14	1
Lead	8.0		0.12		mg/Kg	☼	06/09/14 07:30	06/09/14 19:14	1
Nickel	11		0.18		mg/Kg	☼	06/09/14 07:30	06/09/14 19:14	1
Selenium	ND		0.24		mg/Kg	☼	06/09/14 07:30	06/09/14 19:14	1
Zinc	43		1.2		mg/Kg	☼	06/09/14 07:30	06/10/14 14:37	1

TestAmerica Denver

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: Soil Testing Suite

TestAmerica Job ID: 280-56252-1

Client Sample ID: FUTURA 32-10TR BOTTOM OF PIT

Lab Sample ID: 280-56252-2

Date Collected: 06/03/14 12:17

Matrix: Solid

Date Received: 06/04/14 09:25

Percent Solids: 80.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		20		ug/Kg	☼	06/10/14 12:35	06/10/14 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		0.10		%	—		06/10/14 13:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH adj. to 25 deg C	9.63		0.100		SU	—		06/11/14 21:39	1
Specific Conductance	63		2.0		umhos/cm	—		06/10/14 21:18	1

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: Soil Test Suite

TestAmerica Job ID: 280-54943-1

Client Sample ID: FUTURA 32-10 NATIVE NORTH

Lab Sample ID: 280-54943-9

Date Collected: 04/30/14 14:14

Matrix: Solid

Date Received: 05/01/14 09:55

Percent Solids: 86.6

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		0.10		mg/Kg	☼	05/02/14 07:30	05/02/14 13:43	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10		%	—		05/07/14 22:19	1

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: Soil Test Suite

TestAmerica Job ID: 280-54943-1

Client Sample ID: FUTURA 32-10 NATIVE EAST

Lab Sample ID: 280-54943-10

Date Collected: 04/30/14 14:16

Matrix: Solid

Date Received: 05/01/14 09:55

Percent Solids: 93.2

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		0.098		mg/Kg	☼	05/02/14 07:30	05/02/14 13:46	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.8		0.10		%	—		05/07/14 23:55	1

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: Soil Test Suite

TestAmerica Job ID: 280-54943-1

Client Sample ID: FUTURA 32-10 NATIVE SOUTH

Lab Sample ID: 280-54943-11

Date Collected: 04/30/14 14:18

Matrix: Solid

Date Received: 05/01/14 09:55

Percent Solids: 83.8

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		0.12		mg/Kg	☆	05/02/14 07:30	05/02/14 13:50	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10		%			05/07/14 23:55	1

Client Sample Results

Client: Pioneer Natural Resources USA, Inc.
Project/Site: Soil Test Suite

TestAmerica Job ID: 280-54943-1

Client Sample ID: FUTURA 32-10 NATIVE WEST

Lab Sample ID: 280-54943-12

Date Collected: 04/30/14 14:20

Matrix: Solid

Date Received: 05/01/14 09:55

Percent Solids: 91.6

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		0.11		mg/Kg	☼	05/02/14 07:30	05/02/14 13:54	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		0.10		%	—		05/07/14 23:55	1