TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
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Tel: (303)736-0100

TestAmerica Job ID: 280-25745-1
Client Project/Site: Quarterly

For:
Pioneer Natural Resources USA, Inc.
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Denver, Colorado 80202

Attn: David Castro

Danielle Harrington

Authorized for release by:
2/29/2012 10:14:39 AM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 280-25745-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Pioneer Natural Resources

Project: Quarterly

Report Number: 280-25745-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) less than TestAmerica's standard reporting limit. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Receipt
These samples were received on 02/17/12 with cooler temperatures of 3.1C and 2.9C.

Please note; Sample times were not recorded on the container labels.

All sample bottles were received in acceptable condition.

GC Volatiles, SW846 8021B
The Method 8021B MS/MSD performed on sample CONDOR 14-23 was outside control limits for Benzene.

No other anomalies were observed.

Total Metals, MCAWW 200.7
Percent recoveries and RPD data could not be calculated for the Sodium MS/MSD performed on sample CONDOR 14-23, due to the sample concentration reading greater than four times the spike amount.

The Method 200.7 MS/MSD performed on sample from another client and/or lot within control limits for Iron.

No other anomalies were observed.

General Chemistry, Various Methods
Due to a LIMS limitation, the RL does not print for specific Gravity. The RL for specific gravity is 0.0001.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration curve or matrix interferences, several samples were analyzed at a dilution for various analyses. The reporting limits have been adjusted relative to the dilution required.

The Method 300.0 MS/MSD were performed on sample MICHELLE 31-25 and were in control.

The Method 4500 CL E and Total Sulfide MS/MSD were performed on sample CONDOR 14-23 and were in control.

The Sample Duplicate performed on sample CONDOR 14-23 and VIKING 34-15 was in control for Specific Gravity, Total Dissolved Solids, Total Suspended Solids, pH, and Specific Conductance in batches 280-109314, 280-108535, 280-108684, 280-108302, and 280-109354.

Job ID: 280-25745-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

All other Sample Duplicates were performed on samples from other clients and/or jobs and were in control.

No anomalies were observed.

Detection Summary

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: CONDOR 14-23 — Lab Sample ID: 280-25745-1

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	8.20				SU	1		Field Sampling	Total/NA
Field Conductivity	2279				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	31.8				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	1.2		0.50		ug/L	1		8021B	Total/NA
Boron	0.19		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Calcium	3.2		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	1.6		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	0.65		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.023		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	600		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	1.6		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	0.75		0.20		mg/L	1		300.0	Total/NA
Total Alkalinity	1200		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1200		5.0		mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	22		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1400		10		mg/L	1		SM 2540C	Total/NA
Chloride	98		2.5		mg/L	1		SM 4500 Cl- E	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0016				No Unit	1		D1429-03	Total/NA
Specific Conductance	2400		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	8.33	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: VIKING 34-15 — Lab Sample ID: 280-25745-2

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	8.11				SU	1		Field Sampling	Total/NA
Field Conductivity	1805				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	18.5				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.065		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Calcium	2.1		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	0.010		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.012		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	2.6		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	0.67		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.036		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	490		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	2.6		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	0.34		0.20		mg/L	1		300.0	Total/NA
Total Alkalinity	1000		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1000		5.0		mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	9.7		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1100		10		mg/L	1		SM 2540C	Total/NA
Chloride	48		2.5		mg/L	1		SM 4500 Cl- E	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0012				No Unit	1		D1429-03	Total/NA
Specific Conductance	2000		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	8.25	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: CERVANTE 43-28 — Lab Sample ID: 280-25745-3

Client Sample ID: CERVANTE 43-28 (Continued) — Lab Sample ID: 280-25745-3

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	8.06				SU	1		Field Sampling	Total/NA
Field Conductivity	2822				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	19.9				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.51		0.50		ug/L	1		8021B	Total/NA
Boron	0.054		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Calcium	4.6		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	0.13		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.16		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	9.5		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	1.3		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.18		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	780		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	9.5		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	1.2		0.40		mg/L	2		300.0	Total/NA
Total Alkalinity	1400		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1400		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1800		20		mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	24		4.0		mg/L	1		SM 2540D	Total/NA
Chloride	210		5.0		mg/L	2		SM 4500 Cl- E	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0018				No Unit	1		D1429-03	Total/NA
Specific Conductance	3100		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	8.25	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: BURRO CANYON 23-28 — Lab Sample ID: 280-25745-4

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	8.45				SU	1		Field Sampling	Total/NA
Field Conductivity	2227				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	22.7				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	2.4		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	1.0		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	0.83		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.014		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	610		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	1.0		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	0.32		0.20		mg/L	1		300.0	Total/NA
Total Alkalinity	1300		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1200		5.0		mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	49		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1400		10		mg/L	1		SM 2540C	Total/NA
Chloride	52		2.5		mg/L	1		SM 4500 Cl- E	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0015				No Unit	1		D1429-03	Total/NA
Specific Conductance	2400		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	8.55	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 280-25745-6

No Detections

Detection Summary

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: GOLDFINGER 42-24 — Lab Sample ID: 280-25745-7

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	7.96				SU	1		Field Sampling	Total/NA
Field Conductivity	2503				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	31.8				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.6		0.50		ug/L	1		8021B	Total/NA
Ethylbenzene	0.75		0.50		ug/L	1		8021B	Total/NA
Xylenes, Total	1.3		0.50		ug/L	1		8021B	Total/NA
Boron	0.24		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Calcium	4.0		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	2.3		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	1.1		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.039		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	600		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	2.3		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	1.5		0.20		mg/L	1		300.0	Total/NA
Total Alkalinity	1000		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1000		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1400		10		mg/L	1		SM 2540C	Total/NA
Chloride	220		5.0		mg/L	2		SM 4500 Cl- E	Total/NA
Sulfide	0.066		0.050		mg/L	1		SM 4500 S2 D	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0014				No Unit	1		D1429-03	Total/NA
Specific Conductance	2500		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	7.92	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: MICHELLE 31-25 — Lab Sample ID: 280-25745-8

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	8.08				SU	1		Field Sampling	Total/NA
Field Conductivity	1848				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	19.4				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		0.50		ug/L	1		8021B	Total/NA
Xylenes, Total	0.86		0.50		ug/L	1		8021B	Total/NA
Calcium	3.8		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.015		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	3.1		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	0.87		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.046		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	490		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	3.1		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	0.52		0.20		mg/L	1		300.0	Total/NA
Total Alkalinity	970		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	970		5.0		mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	6.9		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1100		10		mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	13		4.0		mg/L	1		SM 2540D	Total/NA
Chloride	77		2.5		mg/L	1		SM 4500 Cl- E	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0011				No Unit	1		D1429-03	Total/NA
Specific Conductance	2000		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	8.22	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Detection Summary

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: VOLDEMORT 33-33 — Lab Sample ID: 280-25745-9

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	8.35				SU	1		Field Sampling	Total/NA
Field Conductivity	1017				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	17.6				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.54		0.50		ug/L	1		8021B	Total/NA
Calcium	1.7		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	2.1		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	0.24		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.093		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	240		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	2.1		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	0.21		0.20		mg/L	1		300.0	Total/NA
Sulfate	98		25		mg/L	5		300.0	Total/NA
Total Alkalinity	390		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	380		5.0		mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	12		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	620		10		mg/L	1		SM 2540C	Total/NA
Chloride	29		2.5		mg/L	1		SM 4500 Cl- E	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0005				No Unit	1		D1429-03	Total/NA
Specific Conductance	1100		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	8.42	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: ROLLERBALL 34-30 — Lab Sample ID: 280-25745-10

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Field pH	8.17				SU	1		Field Sampling	Total/NA
Field Conductivity	3163				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	23.9				Degrees C	1		Field Sampling	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.79		0.50		ug/L	1		8021B	Total/NA
Xylenes, Total	0.76		0.50		ug/L	1		8021B	Total/NA
Boron	0.26		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Calcium	4.3		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	1.9		0.050		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	1.2		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Manganese	0.020		0.010		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	810		2.0		mg/L	1		200.7 Rev 4.4	Total/NA
Iron	1.9		0.050		mg/L	1		200.7 Rev 4.4	Total Recovera
Bromide	1.7		0.40		mg/L	2		300.0	Total/NA
Total Alkalinity	1500		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1400		5.0		mg/L	1		SM 2320B	Total/NA
Carbonate Alkalinity as CaCO3	24		5.0		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1900		20		mg/L	1		SM 2540C	Total/NA
Chloride	230		5.0		mg/L	2		SM 4500 Cl- E	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Specific Gravity	1.0018				No Unit	1		D1429-03	Total/NA
Specific Conductance	3300		1.0		umhos/cm	1		SM 2510B	Total/NA
pH	8.30	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 280-25745-11

No Detections

Method Summary

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

TestAmerica Job ID: 280-25745-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	TAL DEN
200.7 Rev 4.4	Metals (ICP)	EPA	TAL DEN
300.0	Anions by IC	EPA	TAL DEN
D1429-03	Specific Gravity	ASTM	TAL DEN
SM 2320B	Alkalinity	SM	TAL DEN
SM 2510B	Conductivity, Specific Conductance	SM	TAL DEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL DEN
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL DEN
SM 4500 Cl- E	Chloride, Total	SM	TAL DEN
SM 4500 H+ B	pH	SM	TAL DEN
SM 4500 S2 D	Sulfide, Total	SM	TAL DEN
Field Sampling	Field Sampling	EPA	TAL DEN

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

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

TestAmerica Job ID: 280-25745-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-25745-1	CONDOR 14-23	Water	02/15/12 11:30	02/17/12 10:00
280-25745-2	VIKING 34-15	Water	02/15/12 12:18	02/17/12 10:00
280-25745-3	CERVANTE 43-28	Water	02/15/12 12:43	02/17/12 10:00
280-25745-4	BURRO CANYON 23-28	Water	02/16/12 14:03	02/17/12 10:00
280-25745-6	TRIP BLANK	Water	02/15/12 11:30	02/17/12 10:00
280-25745-7	GOLDFINGER 42-24	Water	02/16/12 11:56	02/17/12 10:00
280-25745-8	MICHELLE 31-25	Water	02/16/12 12:30	02/17/12 10:00
280-25745-9	VOLDEMORT 33-33	Water	02/16/12 13:24	02/17/12 10:00
280-25745-10	ROLLERBALL 34-30	Water	02/16/12 14:52	02/17/12 10:00
280-25745-11	TRIP BLANK	Water	02/16/12 11:56	02/17/12 10:00

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: CONDOR 14-23
Date Collected: 02/15/12 11:30
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-1
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 14:21	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 14:21	1
Toluene	ND		0.50		ug/L			02/21/12 14:21	1
Xylenes, Total	**1.2**		0.50		ug/L			02/21/12 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*85 - 115*		*02/21/12 14:21*	*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		02/20/12 15:00	02/21/12 02:54	1
Boron	**0.19**		0.050		mg/L		02/20/12 15:00	02/21/12 02:54	1
Calcium	**3.2**		0.10		mg/L		02/20/12 15:00	02/21/12 02:54	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 02:54	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 02:54	1
Iron	**1.6**		0.050		mg/L		02/20/12 15:00	02/21/12 14:33	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 14:33	1
Magnesium	**0.65**		0.10		mg/L		02/20/12 15:00	02/21/12 02:54	1
Manganese	**0.023**		0.010		mg/L		02/20/12 15:00	02/21/12 02:54	1
Sodium	**600**		2.0		mg/L		02/20/12 15:00	02/21/12 14:33	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.6**		0.050		mg/L		02/20/12 15:00	02/21/12 13:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.75**		0.20		mg/L			02/21/12 15:23	1
Sulfate	ND		5.0		mg/L			02/21/12 15:23	1
Total Alkalinity	**1200**		5.0		mg/L			02/22/12 12:26	1
Bicarbonate Alkalinity as CaCO3	**1200**		5.0		mg/L			02/22/12 12:26	1
Carbonate Alkalinity as CaCO3	**22**		5.0		mg/L			02/22/12 12:26	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:26	1
Total Dissolved Solids	**1400**		10		mg/L			02/21/12 08:24	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**98**		2.5		mg/L			02/25/12 12:39	1
Sulfide	ND		0.050		mg/L			02/22/12 14:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0016**				No Unit			02/27/12 11:36	1
Specific Conductance	**2400**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.33**	**HF**	0.100		SU			02/18/12 09:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.20**				SU			02/15/12 11:30	1
Field Conductivity	**2279**				umhos/cm			02/15/12 11:30	1
Field Temperature	**31.8**				Degrees C			02/15/12 11:30	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: VIKING 34-15

Date Collected: 02/15/12 12:18
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-2

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 16:10	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 16:10	1
Toluene	ND		0.50		ug/L			02/21/12 16:10	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*109*		*85 - 115*		*02/21/12 16:10*	*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		02/20/12 15:00	02/21/12 03:06	1
Boron	**0.065**		0.050		mg/L		02/20/12 15:00	02/21/12 03:06	1
Calcium	**2.1**		0.10		mg/L		02/20/12 15:00	02/21/12 03:06	1
Chromium	**0.010**		0.010		mg/L		02/20/12 15:00	02/21/12 03:06	1
Copper	**0.012**		0.010		mg/L		02/20/12 15:00	02/21/12 03:06	1
Iron	**2.6**		0.050		mg/L		02/20/12 15:00	02/21/12 14:56	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 14:56	1
Magnesium	**0.67**		0.10		mg/L		02/20/12 15:00	02/21/12 03:06	1
Manganese	**0.036**		0.010		mg/L		02/20/12 15:00	02/21/12 03:06	1
Sodium	**490**		2.0		mg/L		02/20/12 15:00	02/21/12 14:56	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.6**		0.050		mg/L		02/20/12 15:00	02/21/12 13:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.34**		0.20		mg/L			02/21/12 15:40	1
Sulfate	ND		5.0		mg/L			02/21/12 15:40	1
Total Alkalinity	**1000**		5.0		mg/L			02/22/12 12:31	1
Bicarbonate Alkalinity as CaCO3	**1000**		5.0		mg/L			02/22/12 12:31	1
Carbonate Alkalinity as CaCO3	**9.7**		5.0		mg/L			02/22/12 12:31	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:31	1
Total Dissolved Solids	**1100**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**48**		2.5		mg/L			02/25/12 12:49	1
Sulfide	ND		0.050		mg/L			02/22/12 14:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0012**				No Unit			02/27/12 11:36	1
Specific Conductance	**2000**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.25**	**HF**	0.100		SU			02/18/12 09:55	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.11**				SU			02/15/12 12:18	1
Field Conductivity	**1805**				umhos/cm			02/15/12 12:18	1
Field Temperature	**18.5**				Degrees C			02/15/12 12:18	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: CERVANTE 43-28

Date Collected: 02/15/12 12:43
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 16:50	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 16:50	1
Toluene	ND		0.50		ug/L			02/21/12 16:50	1
Xylenes, Total	**0.51**		0.50		ug/L			02/21/12 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*107*		*85 - 115*		*02/21/12 16:50*	*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		02/20/12 15:00	02/21/12 03:20	1
Boron	**0.054**		0.050		mg/L		02/20/12 15:00	02/21/12 03:20	1
Calcium	**4.6**		0.10		mg/L		02/20/12 15:00	02/21/12 03:20	1
Chromium	**0.13**		0.010		mg/L		02/20/12 15:00	02/21/12 03:20	1
Copper	**0.16**		0.010		mg/L		02/20/12 15:00	02/21/12 03:20	1
Iron	**9.5**		0.050		mg/L		02/20/12 15:00	02/21/12 14:58	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 14:58	1
Magnesium	**1.3**		0.10		mg/L		02/20/12 15:00	02/21/12 03:20	1
Manganese	**0.18**		0.010		mg/L		02/20/12 15:00	02/21/12 03:20	1
Sodium	**780**		2.0		mg/L		02/20/12 15:00	02/21/12 14:58	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**9.5**		0.050		mg/L		02/20/12 15:00	02/21/12 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.2**		0.40		mg/L			02/21/12 15:57	2
Sulfate	ND		10		mg/L			02/21/12 15:57	2
Total Alkalinity	**1400**		5.0		mg/L			02/22/12 12:48	1
Bicarbonate Alkalinity as CaCO3	**1400**		5.0		mg/L			02/22/12 12:48	1
Carbonate Alkalinity as CaCO3	ND		5.0		mg/L			02/22/12 12:48	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:48	1
Total Dissolved Solids	**1800**		20		mg/L			02/21/12 08:57	1
Total Suspended Solids	**24**		4.0		mg/L			02/22/12 07:45	1
Chloride	**210**		5.0		mg/L			02/25/12 14:46	2
Sulfide	ND		0.050		mg/L			02/22/12 14:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0018**				No Unit			02/27/12 11:36	1
Specific Conductance	**3100**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.25**	**HF**	0.100		SU			02/18/12 09:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.06**				SU			02/15/12 12:43	1
Field Conductivity	**2822**				umhos/cm			02/15/12 12:43	1
Field Temperature	**19.9**				Degrees C			02/15/12 12:43	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: BURRO CANYON 23-28

Lab Sample ID: 280-25745-4

Date Collected: 02/16/12 14:03

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 17:26	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 17:26	1
Toluene	ND		0.50		ug/L			02/21/12 17:26	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*85 - 115*		*02/21/12 17:26*	*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		02/20/12 15:00	02/21/12 03:23	1
Boron	ND		0.050		mg/L		02/20/12 15:00	02/21/12 03:23	1
Calcium	**2.4**		0.10		mg/L		02/20/12 15:00	02/21/12 03:23	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:23	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:23	1
Iron	**1.0**		0.050		mg/L		02/20/12 15:00	02/21/12 15:01	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:01	1
Magnesium	**0.83**		0.10		mg/L		02/20/12 15:00	02/21/12 03:23	1
Manganese	**0.014**		0.010		mg/L		02/20/12 15:00	02/21/12 03:23	1
Sodium	**610**		2.0		mg/L		02/20/12 15:00	02/21/12 15:01	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.0**		0.050		mg/L		02/20/12 15:00	02/21/12 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.32**		0.20		mg/L			02/21/12 16:14	1
Sulfate	ND		5.0		mg/L			02/21/12 16:14	1
Total Alkalinity	**1300**		5.0		mg/L			02/22/12 12:54	1
Bicarbonate Alkalinity as CaCO3	**1200**		5.0		mg/L			02/22/12 12:54	1
Carbonate Alkalinity as CaCO3	**49**		5.0		mg/L			02/22/12 12:54	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:54	1
Total Dissolved Solids	**1400**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**52**		2.5		mg/L			02/25/12 12:52	1
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0015**				No Unit			02/27/12 11:36	1
Specific Conductance	**2400**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.55**	**HF**	0.100		SU			02/18/12 10:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.45**				SU			02/16/12 14:03	1
Field Conductivity	**2227**				umhos/cm			02/16/12 14:03	1
Field Temperature	**22.7**				Degrees C			02/16/12 14:03	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: TRIP BLANK
Date Collected: 02/15/12 11:30
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-6
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 18:38	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 18:38	1
Toluene	ND		0.50		ug/L			02/21/12 18:38	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*85 - 115*		*02/21/12 18:38*	*1*

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: GOLDFINGER 42-24

Lab Sample ID: 280-25745-7

Date Collected: 02/16/12 11:56

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.6**		0.50		ug/L			02/21/12 19:50	1
Ethylbenzene	**0.75**		0.50		ug/L			02/21/12 19:50	1
Toluene	ND		0.50		ug/L			02/21/12 19:50	1
Xylenes, Total	**1.3**		0.50		ug/L			02/21/12 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*106*		*85 - 115*		*02/21/12 19:50*	*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		02/20/12 15:00	02/21/12 03:30	1
Boron	**0.24**		0.050		mg/L		02/20/12 15:00	02/21/12 03:30	1
Calcium	**4.0**		0.10		mg/L		02/20/12 15:00	02/21/12 03:30	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:30	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:30	1
Iron	**2.3**		0.050		mg/L		02/20/12 15:00	02/21/12 15:08	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:08	1
Magnesium	**1.1**		0.10		mg/L		02/20/12 15:00	02/21/12 03:30	1
Manganese	**0.039**		0.010		mg/L		02/20/12 15:00	02/21/12 03:30	1
Sodium	**600**		2.0		mg/L		02/20/12 15:00	02/21/12 15:08	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.3**		0.050		mg/L		02/20/12 15:00	02/21/12 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.5**		0.20		mg/L			02/21/12 16:31	1
Sulfate	ND		5.0		mg/L			02/21/12 16:31	1
Total Alkalinity	**1000**		5.0		mg/L			02/22/12 13:08	1
Bicarbonate Alkalinity as CaCO3	**1000**		5.0		mg/L			02/22/12 13:08	1
Carbonate Alkalinity as CaCO3	ND		5.0		mg/L			02/22/12 13:08	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:08	1
Total Dissolved Solids	**1400**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**220**		5.0		mg/L			02/25/12 14:47	2
Sulfide	**0.066**		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0014**				No Unit			02/27/12 11:36	1
Specific Conductance	**2500**		1.0		umhos/cm			02/27/12 14:28	1
pH	**7.92**	**HF**	0.100		SU			02/18/12 10:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.96**				SU			02/16/12 11:56	1
Field Conductivity	**2503**				umhos/cm			02/16/12 11:56	1
Field Temperature	**31.8**				Degrees C			02/16/12 11:56	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: MICHELLE 31-25
Date Collected: 02/16/12 12:30
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-8
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.2		0.50		ug/L			02/21/12 20:26	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 20:26	1
Toluene	ND		0.50		ug/L			02/21/12 20:26	1
Xylenes, Total	0.86		0.50		ug/L			02/21/12 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*85 - 115*		*02/21/12 20:26*	*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		02/20/12 15:00	02/21/12 03:33	1
Boron	ND		0.050		mg/L		02/20/12 15:00	02/21/12 03:33	1
Calcium	3.8		0.10		mg/L		02/20/12 15:00	02/21/12 03:33	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:33	1
Copper	0.015		0.010		mg/L		02/20/12 15:00	02/21/12 03:33	1
Iron	3.1		0.050		mg/L		02/20/12 15:00	02/21/12 15:11	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:11	1
Magnesium	0.87		0.10		mg/L		02/20/12 15:00	02/21/12 03:33	1
Manganese	0.046		0.010		mg/L		02/20/12 15:00	02/21/12 03:33	1
Sodium	490		2.0		mg/L		02/20/12 15:00	02/21/12 15:11	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	3.1		0.050		mg/L		02/20/12 15:00	02/21/12 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	0.52		0.20		mg/L			02/21/12 16:47	1
Sulfate	ND		5.0		mg/L			02/21/12 16:47	1
Total Alkalinity	970		5.0		mg/L			02/22/12 13:14	1
Bicarbonate Alkalinity as CaCO3	970		5.0		mg/L			02/22/12 13:14	1
Carbonate Alkalinity as CaCO3	6.9		5.0		mg/L			02/22/12 13:14	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:14	1
Total Dissolved Solids	1100		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	13		4.0		mg/L			02/22/12 07:45	1
Chloride	77		2.5		mg/L			02/25/12 12:54	1
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	1.0011				No Unit			02/27/12 11:36	1
Specific Conductance	2000		1.0		umhos/cm			02/27/12 14:28	1
pH	8.22	HF	0.100		SU			02/18/12 10:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.08				SU			02/16/12 12:30	1
Field Conductivity	1848				umhos/cm			02/16/12 12:30	1
Field Temperature	19.4				Degrees C			02/16/12 12:30	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: VOLDEMORT 33-33

Lab Sample ID: 280-25745-9

Date Collected: 02/16/12 13:24

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.54**		0.50		ug/L			02/21/12 21:01	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 21:01	1
Toluene	ND		0.50		ug/L			02/21/12 21:01	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*109*		*85 - 115*		*02/21/12 21:01*	*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		02/20/12 15:00	02/21/12 03:36	1
Boron	ND		0.050		mg/L		02/20/12 15:00	02/21/12 03:36	1
Calcium	**1.7**		0.10		mg/L		02/20/12 15:00	02/21/12 03:36	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:36	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:36	1
Iron	**2.1**		0.050		mg/L		02/20/12 15:00	02/21/12 15:14	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:14	1
Magnesium	**0.24**		0.10		mg/L		02/20/12 15:00	02/21/12 03:36	1
Manganese	**0.093**		0.010		mg/L		02/20/12 15:00	02/21/12 03:36	1
Sodium	**240**		2.0		mg/L		02/20/12 15:00	02/21/12 15:14	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.1**		0.050		mg/L		02/20/12 15:00	02/21/12 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.21**		0.20		mg/L			02/21/12 17:55	1
Sulfate	**98**		25		mg/L			02/22/12 03:26	5
Total Alkalinity	**390**		5.0		mg/L			02/22/12 13:19	1
Bicarbonate Alkalinity as CaCO3	**380**		5.0		mg/L			02/22/12 13:19	1
Carbonate Alkalinity as CaCO3	**12**		5.0		mg/L			02/22/12 13:19	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:19	1
Total Dissolved Solids	**620**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**29**		2.5		mg/L			02/25/12 12:55	1
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0005**				No Unit			02/27/12 11:36	1
Specific Conductance	**1100**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.42**	**HF**	0.100		SU			02/18/12 10:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.35**				SU			02/16/12 13:24	1
Field Conductivity	**1017**				umhos/cm			02/16/12 13:24	1
Field Temperature	**17.6**				Degrees C			02/16/12 13:24	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: ROLLERBALL 34-30

Lab Sample ID: 280-25745-10

Date Collected: 02/16/12 14:52

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.79**		0.50		ug/L			02/21/12 21:37	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 21:37	1
Toluene	ND		0.50		ug/L			02/21/12 21:37	1
Xylenes, Total	**0.76**		0.50		ug/L			02/21/12 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*107*		*85 - 115*		*02/21/12 21:37*	*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		02/20/12 15:00	02/21/12 03:39	1
Boron	**0.26**		0.050		mg/L		02/20/12 15:00	02/21/12 03:39	1
Calcium	**4.3**		0.10		mg/L		02/20/12 15:00	02/21/12 03:39	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:39	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:39	1
Iron	**1.9**		0.050		mg/L		02/20/12 15:00	02/21/12 15:16	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:16	1
Magnesium	**1.2**		0.10		mg/L		02/20/12 15:00	02/21/12 03:39	1
Manganese	**0.020**		0.010		mg/L		02/20/12 15:00	02/21/12 03:39	1
Sodium	**810**		2.0		mg/L		02/20/12 15:00	02/21/12 15:16	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.9**		0.050		mg/L		02/20/12 15:00	02/21/12 14:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.7**		0.40		mg/L			02/21/12 18:45	2
Sulfate	ND		10		mg/L			02/21/12 18:45	2
Total Alkalinity	**1500**		5.0		mg/L			02/22/12 13:27	1
Bicarbonate Alkalinity as CaCO3	**1400**		5.0		mg/L			02/22/12 13:27	1
Carbonate Alkalinity as CaCO3	**24**		5.0		mg/L			02/22/12 13:27	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:27	1
Total Dissolved Solids	**1900**		20		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**230**		5.0		mg/L			02/25/12 14:48	2
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0018**				No Unit			02/27/12 11:36	1
Specific Conductance	**3300**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.30**	**HF**	0.100		SU			02/18/12 10:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.17**				SU			02/16/12 14:52	1
Field Conductivity	**3163**				umhos/cm			02/16/12 14:52	1
Field Temperature	**23.9**				Degrees C			02/16/12 14:52	1

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: TRIP BLANK
Date Collected: 02/16/12 11:56
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-11
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 22:13	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 22:13	1
Toluene	ND		0.50		ug/L			02/21/12 22:13	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*85 - 115*		*02/21/12 22:13*	*1*

Surrogate Summary

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

TestAmerica Job ID: 280-25745-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TFT1								
Lab Sample ID	Client Sample ID	(85-115)								
280-25745-1	CONDOR 14-23	105								
280-25745-1 MS	CONDOR 14-23	93								
280-25745-1 MSD	CONDOR 14-23	102								
280-25745-2	VIKING 34-15	109								
280-25745-3	CERVANTE 43-28	107								
280-25745-4	BURRO CANYON 23-28	108								
280-25745-6	TRIP BLANK	108								
280-25745-7	GOLDFINGER 42-24	106								
280-25745-8	MICHELLE 31-25	105								
280-25745-9	VOLDEMORT 33-33	109								
280-25745-10	ROLLERBALL 34-30	107								
280-25745-11	TRIP BLANK	99								
LCS 280-108737/2	Lab Control Sample	96								
LCSD 280-108737/3	Lab Control Sample Dup	100								
MB 280-108737/4	Method Blank	103								

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Summary Report

Sample Summary

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

TestAmerica Job ID: 280-25745-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-25745-1	CONDOR 14-23	Water	02/15/12 11:30	02/17/12 10:00
280-25745-2	VIKING 34-15	Water	02/15/12 12:18	02/17/12 10:00
280-25745-3	CERVANTE 43-28	Water	02/15/12 12:43	02/17/12 10:00
280-25745-4	BURRO CANYON 23-28	Water	02/16/12 14:03	02/17/12 10:00
280-25745-6	TRIP BLANK	Water	02/15/12 11:30	02/17/12 10:00
280-25745-7	GOLDFINGER 42-24	Water	02/16/12 11:56	02/17/12 10:00
280-25745-8	MICHELLE 31-25	Water	02/16/12 12:30	02/17/12 10:00
280-25745-9	VOLDEMORT 33-33	Water	02/16/12 13:24	02/17/12 10:00
280-25745-10	ROLLERBALL 34-30	Water	02/16/12 14:52	02/17/12 10:00
280-25745-11	TRIP BLANK	Water	02/16/12 11:56	02/17/12 10:00

Preliminary Data

Client Sample Results

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: CONDOR 14-23

Lab Sample ID: 280-25745-1

Date Collected: 02/15/12 11:30

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 14:21	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 14:21	1
Toluene	ND		0.50		ug/L			02/21/12 14:21	1
Xylenes, Total	**1.2**		0.50		ug/L			02/21/12 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*85 - 115*		*02/21/12 14:21*	*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		02/20/12 15:00	02/21/12 02:54	1
Boron	**0.19**		0.050		mg/L		02/20/12 15:00	02/21/12 02:54	1
Calcium	**3.2**		0.10		mg/L		02/20/12 15:00	02/21/12 02:54	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 02:54	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 02:54	1
Iron	**1.6**		0.050		mg/L		02/20/12 15:00	02/21/12 14:33	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 14:33	1
Magnesium	**0.65**		0.10		mg/L		02/20/12 15:00	02/21/12 02:54	1
Manganese	**0.023**		0.010		mg/L		02/20/12 15:00	02/21/12 02:54	1
Sodium	**600**		2.0		mg/L		02/20/12 15:00	02/21/12 14:33	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.6**		0.050		mg/L		02/20/12 15:00	02/21/12 13:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.75**		0.20		mg/L			02/21/12 15:23	1
Sulfate	ND		5.0		mg/L			02/21/12 15:23	1
Total Alkalinity	**1200**		5.0		mg/L			02/22/12 12:26	1
Bicarbonate Alkalinity as CaCO3	**1200**		5.0		mg/L			02/22/12 12:26	1
Carbonate Alkalinity as CaCO3	**22**		5.0		mg/L			02/22/12 12:26	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:26	1
Total Dissolved Solids	**1400**		10		mg/L			02/21/12 08:24	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**98**		2.5		mg/L			02/25/12 12:39	1
Sulfide	ND		0.050		mg/L			02/22/12 14:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0016**				No Unit			02/27/12 11:36	1
Specific Conductance	**2400**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.33**	**HF**	0.100		SU			02/18/12 09:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.20**				SU			02/15/12 11:30	1
Field Conductivity	**2279**				umhos/cm			02/15/12 11:30	1
Field Temperature	**31.8**				Degrees C			02/15/12 11:30	1

Preliminary Data

Client Sample Results

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: VIKING 34-15

Date Collected: 02/15/12 12:18
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-2

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 16:10	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 16:10	1
Toluene	ND		0.50		ug/L			02/21/12 16:10	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*109*		*85 - 115*		*02/21/12 16:10*	*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		02/20/12 15:00	02/21/12 03:06	1
Boron	**0.065**		0.050		mg/L		02/20/12 15:00	02/21/12 03:06	1
Calcium	**2.1**		0.10		mg/L		02/20/12 15:00	02/21/12 03:06	1
Chromium	**0.010**		0.010		mg/L		02/20/12 15:00	02/21/12 03:06	1
Copper	**0.012**		0.010		mg/L		02/20/12 15:00	02/21/12 03:06	1
Iron	**2.6**		0.050		mg/L		02/20/12 15:00	02/21/12 14:56	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 14:56	1
Magnesium	**0.67**		0.10		mg/L		02/20/12 15:00	02/21/12 03:06	1
Manganese	**0.036**		0.010		mg/L		02/20/12 15:00	02/21/12 03:06	1
Sodium	**490**		2.0		mg/L		02/20/12 15:00	02/21/12 14:56	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.6**		0.050		mg/L		02/20/12 15:00	02/21/12 13:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.34**		0.20		mg/L			02/21/12 15:40	1
Sulfate	ND		5.0		mg/L			02/21/12 15:40	1
Total Alkalinity	**1000**		5.0		mg/L			02/22/12 12:31	1
Bicarbonate Alkalinity as CaCO3	**1000**		5.0		mg/L			02/22/12 12:31	1
Carbonate Alkalinity as CaCO3	**9.7**		5.0		mg/L			02/22/12 12:31	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:31	1
Total Dissolved Solids	**1100**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**48**		2.5		mg/L			02/25/12 12:49	1
Sulfide	ND		0.050		mg/L			02/22/12 14:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0012**				No Unit			02/27/12 11:36	1
Specific Conductance	**2000**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.25**	**HF**	0.100		SU			02/18/12 09:55	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.11**				SU			02/15/12 12:18	1
Field Conductivity	**1805**				umhos/cm			02/15/12 12:18	1
Field Temperature	**18.5**				Degrees C			02/15/12 12:18	1

Preliminary Data

Client Sample ID: CERVANTE 43-28

Date Collected: 02/15/12 12:43
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 16:50	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 16:50	1
Toluene	ND		0.50		ug/L			02/21/12 16:50	1
Xylenes, Total	**0.51**		0.50		ug/L			02/21/12 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*107*		*85 - 115*		*02/21/12 16:50*	*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		02/20/12 15:00	02/21/12 03:20	1
Boron	**0.054**		0.050		mg/L		02/20/12 15:00	02/21/12 03:20	1
Calcium	**4.6**		0.10		mg/L		02/20/12 15:00	02/21/12 03:20	1
Chromium	**0.13**		0.010		mg/L		02/20/12 15:00	02/21/12 03:20	1
Copper	**0.16**		0.010		mg/L		02/20/12 15:00	02/21/12 03:20	1
Iron	**9.5**		0.050		mg/L		02/20/12 15:00	02/21/12 14:58	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 14:58	1
Magnesium	**1.3**		0.10		mg/L		02/20/12 15:00	02/21/12 03:20	1
Manganese	**0.18**		0.010		mg/L		02/20/12 15:00	02/21/12 03:20	1
Sodium	**780**		2.0		mg/L		02/20/12 15:00	02/21/12 14:58	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**9.5**		0.050		mg/L		02/20/12 15:00	02/21/12 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.2**		0.40		mg/L			02/21/12 15:57	2
Sulfate	ND		10		mg/L			02/21/12 15:57	2
Total Alkalinity	**1400**		5.0		mg/L			02/22/12 12:48	1
Bicarbonate Alkalinity as CaCO3	**1400**		5.0		mg/L			02/22/12 12:48	1
Carbonate Alkalinity as CaCO3	ND		5.0		mg/L			02/22/12 12:48	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:48	1
Total Dissolved Solids	**1800**		20		mg/L			02/21/12 08:57	1
Total Suspended Solids	**24**		4.0		mg/L			02/22/12 07:45	1
Chloride	**210**		5.0		mg/L			02/25/12 14:46	2
Sulfide	ND		0.050		mg/L			02/22/12 14:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0018**				No Unit			02/27/12 11:36	1
Specific Conductance	**3100**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.25**	**HF**	0.100		SU			02/18/12 09:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.06**				SU			02/15/12 12:43	1
Field Conductivity	**2822**				umhos/cm			02/15/12 12:43	1
Field Temperature	**19.9**				Degrees C			02/15/12 12:43	1

Preliminary Data

Client Sample Results

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: BURRO CANYON 23-28

Lab Sample ID: 280-25745-4

Date Collected: 02/16/12 14:03

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 17:26	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 17:26	1
Toluene	ND		0.50		ug/L			02/21/12 17:26	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*85 - 115*		*02/21/12 17:26*	*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		02/20/12 15:00	02/21/12 03:23	1
Boron	ND		0.050		mg/L		02/20/12 15:00	02/21/12 03:23	1
Calcium	**2.4**		0.10		mg/L		02/20/12 15:00	02/21/12 03:23	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:23	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:23	1
Iron	**1.0**		0.050		mg/L		02/20/12 15:00	02/21/12 15:01	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:01	1
Magnesium	**0.83**		0.10		mg/L		02/20/12 15:00	02/21/12 03:23	1
Manganese	**0.014**		0.010		mg/L		02/20/12 15:00	02/21/12 03:23	1
Sodium	**610**		2.0		mg/L		02/20/12 15:00	02/21/12 15:01	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.0**		0.050		mg/L		02/20/12 15:00	02/21/12 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.32**		0.20		mg/L			02/21/12 16:14	1
Sulfate	ND		5.0		mg/L			02/21/12 16:14	1
Total Alkalinity	**1300**		5.0		mg/L			02/22/12 12:54	1
Bicarbonate Alkalinity as CaCO3	**1200**		5.0		mg/L			02/22/12 12:54	1
Carbonate Alkalinity as CaCO3	**49**		5.0		mg/L			02/22/12 12:54	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 12:54	1
Total Dissolved Solids	**1400**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**52**		2.5		mg/L			02/25/12 12:52	1
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0015**				No Unit			02/27/12 11:36	1
Specific Conductance	**2400**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.55**	**HF**	0.100		SU			02/18/12 10:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.45**				SU			02/16/12 14:03	1
Field Conductivity	**2227**				umhos/cm			02/16/12 14:03	1
Field Temperature	**22.7**				Degrees C			02/16/12 14:03	1

Preliminary Data

Client Sample Results

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: TRIP BLANK
Date Collected: 02/15/12 11:30
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-6
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 18:38	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 18:38	1
Toluene	ND		0.50		ug/L			02/21/12 18:38	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*85 - 115*		*02/21/12 18:38*	*1*

Preliminary Data

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: GOLDFINGER 42-24

Lab Sample ID: 280-25745-7

Date Collected: 02/16/12 11:56

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.6**		0.50		ug/L			02/21/12 19:50	1
Ethylbenzene	**0.75**		0.50		ug/L			02/21/12 19:50	1
Toluene	ND		0.50		ug/L			02/21/12 19:50	1
Xylenes, Total	**1.3**		0.50		ug/L			02/21/12 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*106*		*85 - 115*		*02/21/12 19:50*	*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		02/20/12 15:00	02/21/12 03:30	1
Boron	**0.24**		0.050		mg/L		02/20/12 15:00	02/21/12 03:30	1
Calcium	**4.0**		0.10		mg/L		02/20/12 15:00	02/21/12 03:30	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:30	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:30	1
Iron	**2.3**		0.050		mg/L		02/20/12 15:00	02/21/12 15:08	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:08	1
Magnesium	**1.1**		0.10		mg/L		02/20/12 15:00	02/21/12 03:30	1
Manganese	**0.039**		0.010		mg/L		02/20/12 15:00	02/21/12 03:30	1
Sodium	**600**		2.0		mg/L		02/20/12 15:00	02/21/12 15:08	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.3**		0.050		mg/L		02/20/12 15:00	02/21/12 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.5**		0.20		mg/L			02/21/12 16:31	1
Sulfate	ND		5.0		mg/L			02/21/12 16:31	1
Total Alkalinity	**1000**		5.0		mg/L			02/22/12 13:08	1
Bicarbonate Alkalinity as CaCO3	**1000**		5.0		mg/L			02/22/12 13:08	1
Carbonate Alkalinity as CaCO3	ND		5.0		mg/L			02/22/12 13:08	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:08	1
Total Dissolved Solids	**1400**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**220**		5.0		mg/L			02/25/12 14:47	2
Sulfide	**0.066**		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0014**				No Unit			02/27/12 11:36	1
Specific Conductance	**2500**		1.0		umhos/cm			02/27/12 14:28	1
pH	**7.92**	**HF**	0.100		SU			02/18/12 10:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.96**				SU			02/16/12 11:56	1
Field Conductivity	**2503**				umhos/cm			02/16/12 11:56	1
Field Temperature	**31.8**				Degrees C			02/16/12 11:56	1

Preliminary Data

Client Sample Results

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: MICHELLE 31-25

Lab Sample ID: 280-25745-8

Date Collected: 02/16/12 12:30

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.2**		0.50		ug/L			02/21/12 20:26	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 20:26	1
Toluene	ND		0.50		ug/L			02/21/12 20:26	1
Xylenes, Total	**0.86**		0.50		ug/L			02/21/12 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*85 - 115*		*02/21/12 20:26*	*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		02/20/12 15:00	02/21/12 03:33	1
Boron	ND		0.050		mg/L		02/20/12 15:00	02/21/12 03:33	1
Calcium	**3.8**		0.10		mg/L		02/20/12 15:00	02/21/12 03:33	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:33	1
Copper	**0.015**		0.010		mg/L		02/20/12 15:00	02/21/12 03:33	1
Iron	**3.1**		0.050		mg/L		02/20/12 15:00	02/21/12 15:11	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:11	1
Magnesium	**0.87**		0.10		mg/L		02/20/12 15:00	02/21/12 03:33	1
Manganese	**0.046**		0.010		mg/L		02/20/12 15:00	02/21/12 03:33	1
Sodium	**490**		2.0		mg/L		02/20/12 15:00	02/21/12 15:11	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**3.1**		0.050		mg/L		02/20/12 15:00	02/21/12 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.52**		0.20		mg/L			02/21/12 16:47	1
Sulfate	ND		5.0		mg/L			02/21/12 16:47	1
Total Alkalinity	**970**		5.0		mg/L			02/22/12 13:14	1
Bicarbonate Alkalinity as CaCO3	**970**		5.0		mg/L			02/22/12 13:14	1
Carbonate Alkalinity as CaCO3	**6.9**		5.0		mg/L			02/22/12 13:14	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:14	1
Total Dissolved Solids	**1100**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	**13**		4.0		mg/L			02/22/12 07:45	1
Chloride	**77**		2.5		mg/L			02/25/12 12:54	1
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0011**				No Unit			02/27/12 11:36	1
Specific Conductance	**2000**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.22**	**HF**	0.100		SU			02/18/12 10:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.08**				SU			02/16/12 12:30	1
Field Conductivity	**1848**				umhos/cm			02/16/12 12:30	1
Field Temperature	**19.4**				Degrees C			02/16/12 12:30	1

Preliminary Data

Client Sample Results

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: VOLDEMORT 33-33
Date Collected: 02/16/12 13:24
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-9
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.54**		0.50		ug/L			02/21/12 21:01	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 21:01	1
Toluene	ND		0.50		ug/L			02/21/12 21:01	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*109*		*85 - 115*		*02/21/12 21:01*	*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		02/20/12 15:00	02/21/12 03:36	1
Boron	ND		0.050		mg/L		02/20/12 15:00	02/21/12 03:36	1
Calcium	**1.7**		0.10		mg/L		02/20/12 15:00	02/21/12 03:36	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:36	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:36	1
Iron	**2.1**		0.050		mg/L		02/20/12 15:00	02/21/12 15:14	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:14	1
Magnesium	**0.24**		0.10		mg/L		02/20/12 15:00	02/21/12 03:36	1
Manganese	**0.093**		0.010		mg/L		02/20/12 15:00	02/21/12 03:36	1
Sodium	**240**		2.0		mg/L		02/20/12 15:00	02/21/12 15:14	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.1**		0.050		mg/L		02/20/12 15:00	02/21/12 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.21**		0.20		mg/L			02/21/12 17:55	1
Sulfate	**98**		25		mg/L			02/22/12 03:26	5
Total Alkalinity	**390**		5.0		mg/L			02/22/12 13:19	1
Bicarbonate Alkalinity as CaCO3	**380**		5.0		mg/L			02/22/12 13:19	1
Carbonate Alkalinity as CaCO3	**12**		5.0		mg/L			02/22/12 13:19	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:19	1
Total Dissolved Solids	**620**		10		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**29**		2.5		mg/L			02/25/12 12:55	1
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0005**				No Unit			02/27/12 11:36	1
Specific Conductance	**1100**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.42**	**HF**	0.100		SU			02/18/12 10:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.35**				SU			02/16/12 13:24	1
Field Conductivity	**1017**				umhos/cm			02/16/12 13:24	1
Field Temperature	**17.6**				Degrees C			02/16/12 13:24	1

Preliminary Data

Client Sample ID: ROLLERBALL 34-30

Lab Sample ID: 280-25745-10

Date Collected: 02/16/12 14:52

Matrix: Water

Date Received: 02/17/12 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.79**		0.50		ug/L			02/21/12 21:37	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 21:37	1
Toluene	ND		0.50		ug/L			02/21/12 21:37	1
Xylenes, Total	**0.76**		0.50		ug/L			02/21/12 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*107*		*85 - 115*		*02/21/12 21:37*	*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		02/20/12 15:00	02/21/12 03:39	1
Boron	**0.26**		0.050		mg/L		02/20/12 15:00	02/21/12 03:39	1
Calcium	**4.3**		0.10		mg/L		02/20/12 15:00	02/21/12 03:39	1
Chromium	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:39	1
Copper	ND		0.010		mg/L		02/20/12 15:00	02/21/12 03:39	1
Iron	**1.9**		0.050		mg/L		02/20/12 15:00	02/21/12 15:16	1
Potassium	ND		5.0		mg/L		02/20/12 15:00	02/21/12 15:16	1
Magnesium	**1.2**		0.10		mg/L		02/20/12 15:00	02/21/12 03:39	1
Manganese	**0.020**		0.010		mg/L		02/20/12 15:00	02/21/12 03:39	1
Sodium	**810**		2.0		mg/L		02/20/12 15:00	02/21/12 15:16	1
Selenium	ND		0.015		mg/L		02/20/12 15:00	02/21/12 03:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.9**		0.050		mg/L		02/20/12 15:00	02/21/12 14:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.7**		0.40		mg/L			02/21/12 18:45	2
Sulfate	ND		10		mg/L			02/21/12 18:45	2
Total Alkalinity	**1500**		5.0		mg/L			02/22/12 13:27	1
Bicarbonate Alkalinity as CaCO3	**1400**		5.0		mg/L			02/22/12 13:27	1
Carbonate Alkalinity as CaCO3	**24**		5.0		mg/L			02/22/12 13:27	1
Hydroxide Alkalinity	ND		5.0		mg/L			02/22/12 13:27	1
Total Dissolved Solids	**1900**		20		mg/L			02/21/12 08:57	1
Total Suspended Solids	ND		4.0		mg/L			02/22/12 07:45	1
Chloride	**230**		5.0		mg/L			02/25/12 14:48	2
Sulfide	ND		0.050		mg/L			02/23/12 15:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Gravity	**1.0018**				No Unit			02/27/12 11:36	1
Specific Conductance	**3300**		1.0		umhos/cm			02/27/12 14:28	1
pH	**8.30**	**HF**	0.100		SU			02/18/12 10:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**8.17**				SU			02/16/12 14:52	1
Field Conductivity	**3163**				umhos/cm			02/16/12 14:52	1
Field Temperature	**23.9**				Degrees C			02/16/12 14:52	1

Preliminary Data

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

TestAmerica Job ID: 280-25745-1

Client Sample ID: TRIP BLANK
Date Collected: 02/16/12 11:56
Date Received: 02/17/12 10:00

Lab Sample ID: 280-25745-11
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/21/12 22:13	1
Ethylbenzene	ND		0.50		ug/L			02/21/12 22:13	1
Toluene	ND		0.50		ug/L			02/21/12 22:13	1
Xylenes, Total	ND		0.50		ug/L			02/21/12 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*85 - 115*		*02/21/12 22:13*	*1*

Preliminary Data

Chain of Custody Record

3.1°C IR1 MB 2/17/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: Pioneer Natural Res.	Client Project Manager: Gerald Jacob	Site Contact: Bill Ward	Lab Contact: ~~Bill W~~ Darelle Harrington	COC No:
Address: 1401 17th St #1200	Telephone: 303-298-8100	Telephone:	Telephone:	1 of 1 COCs
City/State/Zip: Denver, CO 80202	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below Routine		Walk-in client: ☐
Project Name: Raton Basin, CO	Method of Shipment/Carrier:	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup: ☐
Project Number:	Shipping/Tracking No:			Lab sampling: ☐
PO #				Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/Grab=G	Quarterly	BTEX								Sample Specific Notes / Special Instructions: pH	Temp	Cond
Condor 14-23	2/15	1130		X					1	3		1	2				X										8.20	31.8	2279
Viking 34-15	2/15	1218		X					1	3		1	2				X										8.11	16.5	1805
Cervate 43-28	2/15	1243		X					1	3		1	2				X										8.06	19.9	2822
Burro Canyon 23-28	2/16	1403		X					1	3		1	2				X										8.45	22.7	2227
Jake 21-15 TR	2/16	1139		X					1	3		1	2				X		* Rush TAT								8.28	25.5	3002
Trip Blank				X						1								X										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
* Please put Jake 21-15TR on a Rush TAT

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Norwest	2/16/12 1800			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 2/17/12 1000

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TAL-0018 (1008)

Chain of Custody Record

2.9°C IR
2/17/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: Pioneer Nat. Resources	Client Project Manager: Jerold Jacob	Site Contact: Bill Ward	Lab Contact: Danielle Harrington	COC No:
Address: 1401 17th #1200	Telephone:	Telephone: 719-846-4024	Telephone: 303-421-6611	1 of 1 COCs
City/State/Zip: Denver, Co 80202	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 303-294-8100		TAT if different from below Routine ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: Raton Basin, Co	Method of Shipment/Carrier:			Job/SDG No:
Project Number: 4010-0004	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/Grab=G	Quantity	BTEX	Sample Specific Notes / Special Instructions:
Goldfinger 42-24	2/16	11:56		X					1	3		1	2		N	G	X		TPL 31-8 2503
Michelle 31-25		12:30		X					1	3		1	2		N	G	X		808 194 1848
Voldemort 33-33		13:24		X					1	3		1	2		N	G	X		835 176 1017
Rollerball 34-30	↓	14:52		X					1	3		1	2		N	G	X		817 239 3163
Trip Blank				X						1								X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☑ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Shayla McKinney	TRIWEST	2/16/12/1800			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Jason Bradley	Company: TA	Date/Time: 2/17/12 1000

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2/29/2012