Delivery Confirmation No. 420 87505 9101 9690 0094 0865 9218 78



February 21, 2012

Mr. Glenn von Gonten New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: 2011 Annual Groundwater Monitoring Report State 36 #2 Site (NMOCD Case # 1R-501) T19S-R37E-Section 36, Unit Letter O, Lea County, New Mexico

Dear Mr. von Gonten:

. "شيواند

As agent for Pride Energy Company (Pride), Trident Environmental submits this 2011 Annual Groundwater Monitoring Report for the above-referenced site.

Groundwater Monitoring Results

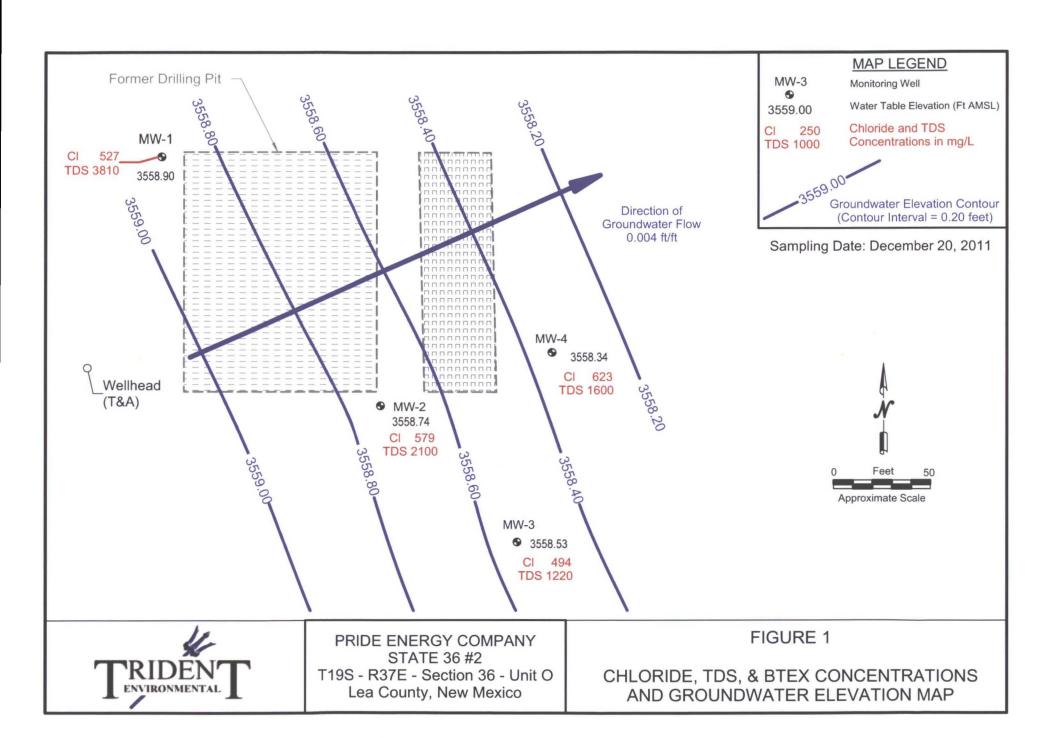
Groundwater monitoring activities have been performed at the site on a quarterly basis since January 2008 as summarized in Table 1. A site plan showing the most recent groundwater elevation and the chloride/TDS concentrations in the four on site monitoring wells (MW-1, MW-2, MW-3, and MW-4) is shown in Figure 1. Figure 2 depicts graphs of chloride and TDS concentrations and groundwater elevation versus time for each monitoring well. A well sampling data form, laboratory analytical reports, and chains of custody documentation for each 2011 sampling event are included in Attachment A.

Table 1: Summary of Groundwater Monitoring Results

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	BTEX (mg/L)
	02/25/08	43.80	3559.41	489		
	03/27/08	43.88	3559.33	557	1,770	< 0.003
]	06/17/08	43.89	3559.32	594	1,370]]
	09/10/08	43.97	3559.24	440	1,260	<0.003
Ì	12/17/08	43.96	3559.25	440	1,290	< 0.003
	03/19/09	44.02	3559.19	430	1,240	< 0.003
}	06/18/09	44.02	3559.19	428	1,330	< 0.003
	09/17/09	44.08	3559.13	456	1,530	< 0.003
MW-1	12/10/09	44.13	3559.08	450	1,360	< 0.003
	03/31/10	44.14	3559.07	468	1,330	
	06/16/10	44.20	3559.01	447	1,420	
	09/22/10	44.09	3559.12	1,470	3,940	
	12/13/10	44.12	3559.09	491	1,790	
	03/17/11	44.14	3559.07	512	1,840	
	06/30/11	44.24	3558.97	447	1,410	
	09/29/11	44.23	3558.98	453	770	
<u> </u>	12/20/11	44.31	3558.90	527	3,810*	

Table 1: Summary of Groundwater Monitoring Results (continued)

Monitoring	Sample	Depth to Groundwater	Groundwater Elevation	Chloride	TDS	BTEX
Well	Date	(feet BTOC)	(feet AMSL)	(mg/L)	(mg/L)	(mg/L)
	05/08/08	43.25	3559.22	1,450	2,730	< 0.003
	06/17/08	43.31	3559.16	1,980	2,730	
	09/10/08	43.37	3559.10	1,580	3,440	< 0.003
	12/17/08	43.38	3559.09	1,300	2,900	< 0.003
	03/19/09	43.41	3559.06	1,080	2,380	< 0.003
	06/18/09	43.42	3559.05	920	2,300	< 0.003
	09/17/09	43.47	3559.00	810	1,980	< 0.003
	12/10/09	43.53	3558.94	860	1,870	< 0.003
MW-2	03/31/10	43.55	3558.92	691	1,520	
	06/16/10	43.66	3558.81	723	2,020	
	09/22/10	43.54	3558.93	923	3,080	
	12/13/10	43.55	3558.92	936	2,750	
	03/17/11	43.55	3558.92	765	2,560	
	06/30/11	43.67	3558.80	788	1,180	
	09/29/11	43.65	3558.82	616	1,380	
	12/20/11	43.73	3558.74	579	2,100	
	06/17/08	43.83	3558.98	733	1,810	
	09/10/08	43.85	3558.96	580	1,660	< 0.003
	12/17/08	43.91	3558.90	570	1,580	< 0.003
·	03/19/09	43.91	3558.90	560	1,620	< 0.003
	06/18/09	43.97	3558.84	520	1,530	< 0.003
	09/17/09	44.03	3558.78	500	1,410	<0.003
	12/10/09	44.07	3558.74	500	1,360	<0.003
MW-3	03/31/10	44.07	3558.74	489	1,230	
	06/16/10	44.14	3558.67	489	1,440	
	09/22/10	44.07	3558.74	420	1,520	
	12/13/10	44.10	3558.71	290	1,350	
	03/17/11	44.07	3558.74	434	1,420	
	06/30/11	44.19	3558.62	426	1,310	
	09/29/11	44.18	3558.63	439	890	
	12/20/11	44.28	3558.53	494	1,220	
	06/17/08	43.54	3558.81	1,070	2,150	
	09/10/08	43.61	3558.74	820	2,070	<0.003
	12/17/08	43.63	3558.72	830	1,970	<0.003
	03/19/09	43.67	3558.68	810	1,970	< 0.003
	06/18/09	43.68	3558.67	740	1,860	< 0.003
	09/17/09	43.78	3558.57	740	1,690	<0.003
	12/10/09	43.81	3558.54	660	1,570	< 0.003
MW-4	03/31/10	43.83	3558.52	691	1,560	
	06/16/10	43.88	3558.47	606	1,580	
	09/22/10	43.78	3558.57	669	1,940	
	12/13/10	43.81	3558.54	646	2,020	
	03/17/11	43.83	3558.52	778	2,530	
	06/30/11	43.94	3558.41	758	1,910	
	09/29/11	43.93	3558.42	662	1,180	
	12/20/11	44.01	3558.34	623	1,600	





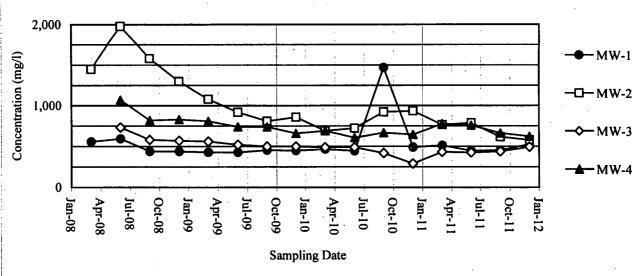
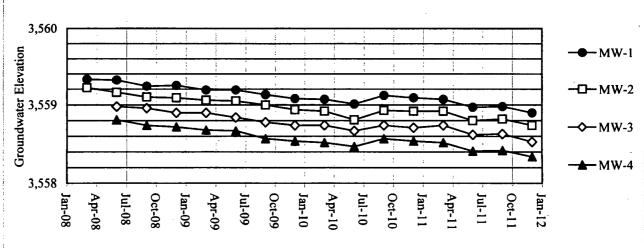


Figure 2b: TDS Concentrations vs Time 4,000 MW-1 3,000 Concentration (mg/l) **□**-- MW-2 2,000 -MW-3 1,000 -MW-4 0 Jan-08 Apr-08 Jul-08 Oct-08 Apr-09 Jul-09 Oct-09 Apr-10 Oct-10 Oct-11 Jan-09 Jan-12 Jan-10 Jan-11 Apr-11 Jul-11 Sampling Date

Figure 2c: Groundwater Elevations (Ft AMSL) vs Time



Gaugling Date

Conclusions regarding groundwater conditions are summarized as follows:

- O The local water table is at a depth of approximately 41 feet bgs and slopes towards the northeast at a magnitude of approximately 0.004 ft/ft, which is anomalous to the prevailing southeast trending regional gradient.
- The base of the aquifer is at approximately 50 ft bgs, where red clay was encountered during well installations, therefore the saturated thickness is estimated at only 9 feet.
- O The potential well yield for possible beneficial use of groundwater at the site is very low due to the limited thickness of the aquifer (less than 10 feet), observations of low yields during monitoring well development activities, and water table elevation declines of approximately 0.1 feet per year. In the unlikely event a water well is completed in the area, the expected yield would be less than 150 gallons per day which is considered inadequate for any beneficial domestic, irrigation, or municipal use.
- Chloride and TDS concentrations from groundwater samples collected at monitoring well MW-1, MW-2, MW-3, and MW-4 exceed WQCC standards. Due to its location immediately downgradient of the former drilling pit, monitoring well MW-2 usually exhibits the highest chloride and TDS values. However, during the most recent sampling event, the TDS concentration in monitoring well MW-1 (3,810 mg/L) exceeded that of MW-2 (2,100 mg/L) which is not consistent with previous sampling events nor does it correlate with the reported chloride values or gradient direction. Therefore, a lab error is suspected for the TDS concentration in MW-1 as reported in the December 20, 2011 sampling event. Possibly the sample was not filtered sufficiently allowing for suspended solids to be included in the result. The seven day holding time was exceeded prior to receiving the lab results so the lab could not re-analyze the TDS. Results from subsequent sampling events should confirm the suspicion of lab error.
- O Benzene, toluene, ethylbenzene, and xylenes (BTEX) are not a constituent of concern as concentrations remained below laboratory detection limits and WQCC standards for two years; therefore, analysis for these constituents has been suspended. Quarterly ground water sampling and monitoring will continue.

We look forward to working with you on this project. If you have any questions please call me at 432-638-8740 or Matt Pride at 918-524-9200.

Sincerely,

Gilbert Van Deventer, REM, PG (Trident Environmental, Odessa TX)

cc: Matt Pride (Pride Energy Co., Tulsa OK)

Geoffrey Leking (NMOCD -District 1, Hobbs NM)

Attachments: Figures, well sampling data form, and laboratory analytical reports

ATTACHMENT A

WELL SAMPLING DATA FORM

and

LABORATORY ANALYTICAL REPORTS

WELL SAMPLING DATA FORM

CLIENT: Pride Energy Con SITE NAME: State 36 #2 (OCD	Case	F 1R501)	RIDEN
SAMPLER: Gil Van Deventer	o Unit		
PURGING METHOD: SAMPLING METHOD: SPOSAL METHOD OF PURGE WATER:	✓ ✓	Hand Bailed	

Quarter	Date	Time	Monitoring Well No.	Depth to Water (ft btoc)	Total Depth (ft)	Water Column Height (ft)	Well Factor 2"=.16 4"=.65	Calc. Well Vol. (gal)	Volume Purged (gal)	No. of Well Volumes Purged	Temp. °C	Cond. mS/cm	рН	Purge Method	PHYSICAL APPEARANCE AND REMARKS
	_	10:30	MW-1	44.14	52.37	8.23	0.16	1.3	8	6.1	20.9	2.41	6.83		Tan; cleared during purge
First	03/17/11	11:40	MW-2	43.55	57.61	14.06	0.16	2.2	12	5.3	19.9	3.42	6.92	Pump	Clear
ΙŒ	03/1//11	11:00	MW-3	44.07	53.83	9.76	0.16	1.6	8	5.1	20.6	2.17	6.87	Fullip	Pinkish/tan; cleared during purge
L		11:20	MW-4	43.83	50.30	6.47	0.16	1.0	8	7.7	20.4	3.27	6.80		Clear
		14:40	MW-1	44.24	52.37	8.13	0.16	1.3	12	9.2	21.8	2.47	6.89		Whitish/tan; cleared during purge
١ĕ	06/30/11	15:20	MW-2	43.67	57.61	13.94	0.16	2.2	12	5.4	21.1	3.15	1 1	Pump	Clear
Second	00/30/11	10:30	MW-3	44.19	53.83	9.64	0.16	1.5	12	7.8	20.9	2.38	6.78	lump	Whitish/tan; cleared during purge
Ľ	_	14:00	MW-4	43.94	50.30	6.36	0.16	1.0	12	11.8	22.0	3.34	6.89		Whitish/tan; cleared during purge
		14:00	MW-1	44.23	52.37	8.14	0.16	1.3	10	7.7	20.6	2.31	6.90		Clear
Third	09/29/11	14:30	MW-2	43.65	57.61	13.96	0.16	2.2	15	6.7	20.3	2.82	7.06	Pump	Clear
=	03/23/11	15:20	MW-3	44.18	53.83	9.65	0.16	1.5	10	6.5	20.9	2.27	7.06	Fullip	Pinkish/tan; cleared during purge
L		16:00	MW-4	43.93	50.30	6.37	0.16	1.0	10	9.8	20.9	2.96	7.00		Whitish/tan; cleared during purge
		12:30	MW-1	44.31	52.37	8.06	0.16	1.3	8	6.3	16.9	2.31	6.90		Whitish/tan; cleared during purge
Fourth	12/20/11	15:30	MW-2	43.73	57.61	13.88	0.16	2.2	12	5.4	17.9	2.82	7.06	Pump	Clear
- Fo	[12/20/11	13:30	MW-3	44.28	53.83	9.55	0.16	1.5	8	5.2	16.6	2.27	7.06	rump	Pinkish/tan; cleared during purge
		14:30	MW-4	44.01	50.30	6.29	0.16	1.0	8	7.9	16.7	2.96	7.00		Whitish/tan; cleared during purge

COMMENTS:	Equipment decontamination consists of gloves, Alconox, and Distilled Water Rinse.	Note: Gate may be locked for access.
Hanna Model 9813	0 instrument used to obtain pH, conductivity, and temperature measurements.	One of the locks combo is 5010
Delivered samples	to Xenco Laboratories for chloride (300.1) and TDS (160.1) analysis.	

Analytical Report 410342

for Trident Environmental

Project Manager: Gil Van Deventer

Pride Energy Company

State 36 #2

22-MAR-11



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046): Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALII), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL01273):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):
Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





22-MAR-11

Project Manager: Gil Van Deventer

Trident Environmental

P.O. Box 7624 Midland, TX 79708

Reference: XENCO Report No: 410342

Pride Energy Company

Project Address: T19S-R37E, Sec 36, Unit Letter O ~ Lea County, NM

Gil Van Deventer:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 410342. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 410342 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

THO TO

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 410342



Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	Mar-17-11 09:30		410342-001
M W-2	\mathbf{w}	Mar-17-11 10:40		410342-002
M W-3	\mathbf{W}^{-1} .	Mar-17-11 10:00		410342-003
MW-4	W	Mar-17-11 10:20		410342-004

CASE NARRATIVE



Client Name: Trident Environmental Project Name: Pride Energy Company



Project ID:

State 36 #2

Work Order Number: 410342

Report Date: 22-MAR-11 Date Received: 03/18/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Final 1.000



Total dissolved solids

Project Id: State 36 #2

Contact: Gil Van Deventer

Project Location: T19S-R37E, Sec 36, Unit Letter O ~ Lea C

Certificate of Analys Summary 410342

Trident Environmental, Midland, TX

Project Name: Pride Energy Company

Date Received in Lab: Fri Mar-18-11 01:17 pm

Report Date: 22-MAR-11

Project Manager: Brent Barron, II 410342-001 Lab Id: 410342-002 410342-003 410342-004 Field Id: MW-1 MW-2 MW-4 MW-3 Analysis Requested Depth: Matrix: WATER WATER WATER WATER Sampled: Mar-17-11 09:30 Mar-17-11 10:40 Mar-17-11 10:00 Mar-17-11 10:20 Anions by E300 Extracted: Analyzed: Mar-21-11 10:52 Mar-21-11 10:52 Mar-21-11 10:52 Mar-21-11 10:52 Units/RL: RLRLmg/L mg/L RLmg/L mg/L RLChloride 512 10.0 12.5 765 434 10.0 778 12.5 TDS by SM2540C Extracted: Analyzed: Mar-21-11 15:00 Mar-21-11 15:00 Mar-21-11 15:00 Mar-21-11 15:00 Units/RL: mg/L RLmg/L RLmg/L RLmg/L RL I

2560

5.00

1420

5.00

2530

5.00

1840

5.00

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brent Barron, II Odessa Laboratory Manager



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- **J** The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte.

 The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- **BRL** Below Reporting Limit.
- **RL** Reporting Limit
- MDL Method Detection Limit
- **PQL** Practical Quantitation Limit
- * Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

	Phone	rax
4143 Greenbriar Dr. Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116



BS / BSD Recoveries



Project Name: Pride Energy Company

Work Order #: 410342

Analyst: LATCOR

Date Prepared: 03/21/2011

Project ID: State 36 #2

Date Analyzed: 03/21/2011

Lab Batch ID: 848684

Sample: 848684-1-BKS

Batch #: 1

Matrix: Water

Units: mg/	/L	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
An	oions by E300	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		:	(B)	[C]	[D]	[E]	Result [F]	[G]				
Chloride	c	<0.500	10.0	9.91	99	10.0	9.94	99	0	80-120	20	

Analyst: WRU

Date Prepared: 03/21/2011

Date Analyzed: 03/21/2011

Lab Batch ID: 848683

Sample: 848683-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
TDS by SM2540C	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]				
Total dissolved solids	<5.00	1000	958	96	1000	914	91	5	80-120	30	,

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: Pride Energy Company



Work Order #: 410342

Lab Batch #: 848684

Date Analyzed: 03/21/2011

Date Prepared: 03/21/2011

1

Project ID: State 36 #2

Analyst: LATCOR

QC- Sample ID: 410286-001 S

Batch #:

Matrix: Water

Reporting Units: mg/L MATRIX SPIKE RECOVERY ST						
Inorganic Anions by EPA 300	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Chloride	531	200	749	109	80-120	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference [E] = 200*(C-A)/(C+B) All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Sample Duplicate Recovery



Project Name: Pride Energy Company

Work Order #: 410342

Lab Batch #: 848684

Date Prepared: 03/21/2011

Project ID: State 36 #2

Date Analyzed: 03/21/2011 10:52

Analyst: LATCOR

QC- Sample ID: 410286-001 D

Batch #: 1 Matrix: Water

Reporting Units: mg/L	SAMPLE	SAMPLE/SAMPLE DUPLICATE RECOVERY							
Anions by E300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag				
Analyte		(12)							
Chloride	531	517	3	20					

Lab Batch #: 848683

Date Analyzed: 03/21/2011 15:00

Date Prepared: 03/21/2011

Analyst: WRU

QC- Sample ID: 410286-001 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L	SAMPLE /	SAMPLE / SAMPLE DUPLICATE RECOVERY							
TDS by SM2540C	Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag				
Analyte		[B]] .					
Total dissolved solids	1490	1520	2	30					

Spike Relative Difference RPD 200 * | (B-A)/(B+A) | All Results are based on MDL and validated for QC purposes. BRL - Below Reporting Limit

12600 West I-20 Ea	est - Odessa TX					_		_					_	_			T	CH	IAII	N-O	F-C	us	TC	DDY	/ AI	ND				S F	_	UE	ST
797658 (432) 563	Tel -1800	X	en	C	0	L	a	b	O I	ra	at	01	ri	e	S		\vdash									3				_			
Fax (432) 56	83-1713		VA		_												↓_																
Company Name:			BILL	-		npany							PO#				1				Ai	NAI	YS	SIS	RE	QU	ES	Т					
	vironmental		Prid	e <u> </u>				ipar	ly /					_			_[etho							
Project Manager:	,					ress:							ity, Z								, J.	1		1	1	1	1	1. J	1 1			_	1
Gil Van De	venter / Trident Environn	nental	PO I	Box	710	<u> </u>), T	<u>luls</u>	<u>a, (</u>	<u> </u>	74	<u> 170</u>	<u>-19</u>	50	<u> </u>					Н	힣		1	ı	İ						- 1		
Address: (S	treet, City, Zip)				Pho	ne#:	,					-	ax#:				7	1	l	IJ	윊	1	1	1	l		ļ				- 1	1	1
PO Box 12	177, Odessa TX 79768		(918	52	24-9	200)					((918	B)	524-9292		I	l	ଛ		쁴	ı	ļ			1						ı	
Phone #:		Fax #:										· ·					1		ၓၟ		8	1	1		1	1	1				ତ୍ରା	1	
(432) 638-	8740	(413)	403	-996	88							•							8	H	위	민	ı	ı		1					8	-	
Project #:		<u> </u>	Projec	t Nan	ne:				_					_			1	l	Ę	ii	ء او	8	ı	i	1	i i			ŀ	1	2	_	1.
State 36 #2	2		Pride	e Er	nero	у С	om	par	ıy								1		X		زامٍ:	9	1	1	1						က္ခု	5	
Project Location:						pler s					-						1		18		밁	5	ı				325			ଛା	-1	위	2
T19S-R37	E, Sec 36, Unit Letter O ~	- Lea	Coun	ty. I	MI													ļ	١ĕ]]	밁	١		1		1	١٥]]		힣	8	اة	로
		T	Ť	Ť		ATR	_		P	RE	SER	VAT	ΊVΕ	Ï	SAMPI	INC	1	i	ř		္ကုန္		İ	i	İ	22	2		Σ	3.	5		2
1			٠. ا		M	A I K			_	N	IETI	HOD)		SAMPL	LING			2	H	١	او	Se		ı	8	œ		á,	ဗ္ဗါ	핅	<u>\$</u>	12
LAB#	FIELD CODE	(C)omp	# CONTAINERS						X only								8021B/602	21 B	418.1/TX1005 / TX1005 Extended (C35)	ပ္က	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Semi Volatiles	ticides		GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (CI, SO4, CO3, HCO3)	Total Dissolved Solids (160.1 or SM2540C)	Chloride / Cl (SM4500 B or 300.1)	Turn Around Time ~ 24 Hours
(LAB USE) ONLY	Lucas Mr.	(G)rab or (C)omp	CONT	WATER	占	AIR	UDGE		HCL (BTEX only	HNO3	NaHSO4	207		J.	DATE	TIME	MTBE 80	BTEX 8021 B	TPH 418	PAH 8270C	tal Met	TCLP Volatiles	P Ser	TCLP Pesticides	5	S/WS V	S SWC	oisture (ations ((ions (C	otal Dis	loride /	in Arou
<u>`</u>	4103464	၅	#	_	Š	₹	<u>s</u>	4	Ĭ	Ξ	Ž	피!	의	킼		E	Σ	8	Ĕ	<u> </u>	<u> ۲ </u>	<u> </u>	F	١ <u>٢</u>	湿	Ö	Ö	Ž	Ö	_	_	_	JĔ.
<u> </u>	MW-1	G	1	X	L_	Ш	_	_	_	_	_	\perp	X	4	3/17/11	0930	┸	_	<u> </u>	Ц	4	┸	Ļ	╙	<u> </u>	╙		Ш	Ш	_	X.	_	-
	MW-2	G	1	X		Ш		Ц	\sqcup				x	┛	3/17/11	1040	L	L		Ц	\perp	$oldsymbol{\perp}$	_	┖		┖		Ш		\Box	×	×	┷
<u>L</u> j	MW-3	G	1	X									x L		3/17/11	1000		l L	<u> </u>		\perp		1_	1							X	<u> </u>	
	MW-4	G	1	х					П				x		3/17/11	1020							Ι								X	x	
														I									Γ										
			l						\Box																								
							T		T		Т	T		T						П	T		Γ	Π							T		
		<u> </u>		Τ		П	寸	1	7	寸	7	1		1			1			П	T	T	Τ	Т				П			Ţ	T	7
		<u> </u>		T		I	寸	寸	7	寸	寸	十	\top	1		-	T			Н	十	\top	T		T	Т	П	П	П	\neg	十	T	1
				T		П	寸	十	7	\dashv	寸	十	\top	7			T		П	H	十	\top	T	T	1	T	П	П	П	\dashv	十	T	\top
Relinquished by	Date: Time:	Receiv	ved by:				_		ا	Di	ate:	!-	Tim	e:			Pho	one l	Resi	ults	十	Y	25	х	No	_							
eni Van Deve																	⊢	Re			十	4-	es		No		Ada	litio	nai !	Fay	Nur	nber:	
Relinquished by	Date: Time:	Recejv	ed Bv	(La	abon	atorv	Sta	ff)	_	Ďε	te:		Time	e:				MAF			_		, G	<u> </u>	1,40		700	100	1641	<u> </u>			
_		Ris		1.4		lo		•			8-		1	: 1	17			Em	ail R	lesu	ts to):								•			
Delivered By:	(Circle One)	Sample		ion	31	ے و	T	(HE	CKE	D B	۲: _ع		1	Mus In								gi	l@t	ride	ent-	env	iroi	nm	ent	al.c	om	
Sampler	UPS - Bus - Other:		Yes No	Cool		intact		(- Initia	als)	L.	M	VK.	,	Yurdo		gil@trident-environmental.com mattp@pride-energy.com																



XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Minnt, Odessa, Philadelphia Phoenix, Sen Antonio, Tamos Document Title: Sample Receipt Checidist

Document No.: SYS-SRC

Revision/Date: No. 01, 5/27/2010

Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

11. Semples in proper		ottle?		Yes	No							
12. Samples properly :	received?			Ye	No	N/A						
13. Sample container is	tact?			Yes								
14. Sufficient sample a	nount for b	edicated toe	t(s)?	(ve)	No							
15. All samples receive	d within su	Melent bold	time?		No .							
16. Subcontract of san	ple(e)?			Yes	(10)	N/A						
17. VOC sample have:	ero head s	ace?		Yes	No	NA						
18. Cooler 1 No.	Cooler 2		Cooler 3 No.	Cooler 41	io.	Cooler 6 No.						
Be 3.6		7	°C Be	°C 15		C Be	۰					
<u> </u>	¥1				<u> </u>	1						
0			nconformance Docu	nustication								
Contact		Contacted	pl:		Date/Time:							
Regarding:												

Final 1.000

retands and would like to proceed with analysis

Analytical Report 421885

for Trident Environmental

Project Manager: Gil Van Deventer

Pride Energy Company

State 36 # 2

06-JUL-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240), South Carolina(96031001), Louisiana(04154), Georgia(917) North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





06-JUL-11

Project Manager: Gil Van Deventer

Trident Environmental

P.O. Box 7624 Midland, TX 79708

Reference: XENCO Report No: 421885

Pride Energy Company

Project Address: T19S-R37E, Sec 36, Unit Letter O-Lea County, NM

Gil Van Deventer:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 421885. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 421885 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 421885



Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected Sample Depth	Lab Sample Id
M W-1	. W	Jun-30-11 14:40	421885-001
MW-2	W	Jun-30-11 15:20	421885-002
MW-3	W .	Jun-30-11 10:30	421885-003
M W-4	W	Jun-30-11 14:00	421885-004

CASE NARRATIVE



Client Name: Trident Environmental Project Name: Pride Energy Company



Project ID:

State 36 # 2

Work Order Number: 421885

Report Date: 06-JUL-11 Date Received: 07/01/2011

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Project Id: State 36 # 2

Contact: Gil Van Deventer

Project Location: T19S-R37E, Sec 36, Unit Letter O-Lea Co

Certificate of Analys Jummary 421885

Trident Environmental, Midland, TX



Project Name: Pride Energy Company

Date Received in Lab: Fri Jul-01-11 05:05 pm

Report Date: 06-JUL-11

								Project Ma	nager:	Brent Barron, II		
	Lab Id:	421885-0	001 ,	421885-0	002	421885-0	03	421885-0	004			
Anglysis Dogwooded	Field Id:	MW-1	ı i	MW-2	: į	MW-3		MW-4	,		1	
Analysis Requested	Depth:				:						•	•
	Matrix:	WATE	R	WATE	R :	WATER	ι :	WATE	R	•		-,
	Sampled:	Jun-30-11	14:40	Jun-30-11	15:20	Jun-30-11 1	0:30	Jun-30-11	14:00			•
Anions by E300	Extracted:										i	
	Analyzed:	Jul-05-11	19:10	Jul-05-11 1	9:10	Jul-05-11 1	9:10	Jul-05-11	9:10			
<u></u>	Units/RL:	mg/L	RL i	mg/L	RL	mg/L	RL	mg/L	, RL	,	:	
Chloride		447	100	788	250	426	100	758	250			
TDS by SM2540C	Extracted:		ı					· · · · · · · · · · · · · · · · · · ·		-		
	Analyzed:	Jul-05-11	15:30	Jul-05-11 1	5:30	Jul-05-11 1	5:30	Jul-05-11 1	5:30		:	
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL	mg/L	RL	:		
Total dissolved solids		1410	5.00	1180	5.00	1310	5.00	1910	5.00	:		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brent Barron, II Odessa Laboratory Manager



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- **BRL** Below Reporting Limit.
- **RL** Reporting Limit
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- LOD Limit of Detection
- LOQ Limit of Quantitation
- **DL** Method Detection Limit
- NC Non-Calculable
- + Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa/Lakeland - Miami - Phoenix - Latin America

	Phone	Fax
4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116
3725 E. Atlanta Ave. Phoenix, AZ 85040	(602) 437-0330	



BS / BSD Recoveries



Project Name: Pride Energy Company

Work Order #: 421885

Analyst: BRB

Date Prepared: 07/05/2011

Project ID: State 36 # 2

Date Analyzed: 07/05/2011

Matrix: Water

Lab Batch ID: 862643

Sample: 862643-1-BKS

Batch #: 1

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Units: mgr		DLAN	I / DEAME	JI IIII / I	JEAN IL	TIKE DOT	JICATE .	ICECO VI	EKI SIUL		
Anions by E300	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]				
Chloride	<0.500	10.0	9.33	93	10.0	9.09	91	3	80-120	20	

Analyst: WRU

Date Prepared: 07/05/2011

Date Analyzed: 07/05/2011

Lab Batch ID: 862675

Sample: 862675-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L		BLAN	K/BLANK S	SPIKE / E	BLANK S	PIKE DUPI	ICATE 1	RECOVI	ERY STUD	Y	
TDS by SM2540C	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[D]	(E)	Result [F]	[G]				
Total dissolved solids	<5.00	1000	930	93	1000	944	94	1 .	80-120	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|Blank Spike Recovery [D] = 100*(C)/[B]Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: Pride Energy Company



Work Order #: 421885

Lab Batch #: 862643

Date Analyzed: 07/05/2011 **QC- Sample ID:** 421830-001 S

Project ID: State 36 # 2

Date Prepared: 07/05/2011 Analyst: BRB

Batch #: 1

Matrix: Water

Reporting Units: mg/L	MATI	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	46.9	500	507	92	80-120	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference [E] = 200*(C-A)/(C+B) All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Sample Duplicate Recovery



Project Name: Pride Energy Company

Work Order #: 421885

Lab Batch #: 862643

Date Analyzed: 07/05/2011 19:10

Project ID: State 36 # 2

Date Prepared: 07/05/2011

Analyst: BRB

QC-Sample ID: 421830-001 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L	SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Anions by E300	Parent Sample Result [A]	Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte		(B]			
Chloride	46.9	42.1	11	20	

Lab Batch #: 862675

Date Analyzed: 07/05/2011 15:30

Date Prepared: 07/05/2011

Analyst: WRU

QC- Sample ID: 421830-001 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L	SAMPLE /	SAMPLE	DUPLIC	ATE REC	OVERY
TDS by SM2540C	Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte		(B)		,	
Total dissolved solids	2260	2200	3	30	

12600 West I-20 Ea 797658	st - Odessa TX Tel	V			^	T	<u> </u>	— L	^		~ 4	_	BO1	• .				Cŀ	ΙΑΙ	N-C)F-(CU	ST	OD'	ΥA	ND			_	IS	RE	QU	ES	
(432) 563- Fax (432) 56	1800	Λ	(en	lU	U		a	יע	U	r	41	U		lt	'S					TPH 418.1/TX1005 / TX1005 Extended (C35)														
Company Name:			BILL 1			npany							PO	#			7				A	NA	ΙY	SIS	RE	- ဂ ၊	IES	T	_					
Trident Env	vironmental		Prid	e Ei		jy C ress:		ıpar	ıy /	<u> M</u>							4																	
Project Manager:	A TOTAL A Following	4-1		~ ~						~ı/	•		-	Zip	•			ı	ı	1	~1	1	ī	1	í	1	1	í	ł				1	
	venter / Trident Environr	nentai	10	Box), 1	uis	a, c	UK	/4	1/			0		4		1		8	-	-	}	-			}	}				1	
•	treet, City, Zip)		1,046	·		ne#:							Fax		504.0000				٦		B/2		-		1		1						İ	ı
PO Box 12 Phone #:	177, Odessa TX 79768	Fax #:	(918) 3 2	4-5	200				_		_	(9	18)	524-9292		4		18		용	1	1	1	}		1						}	
(432) 638-8	R 7 40) 403	-996	38														1 8		9 6	6	1				1				췿			
Project #:		(110	Projec			_						_				,	4.	1	ğ		티	į,	1	1			1	ĺ	1	1	W25		İ	ı
State 36 #2	2		Pride	e Er	nero	ıv C	om	par	١٧								ı	l	ΙŘ		Š	١٩	1				1	1			S	=	ł	
Project Location:						pler						_					1	1	8			5		1	1		325) '	ଛ	P	8	- 1	2
T19S-R37E	E, Sec 36, Unit Letter O	- Lea	Coun	ty, I	MV						_						_		₽	П	윘	8	ļ			١.	Ιğ			일	8	ğ	- 1	로
					М	ATR	IX		P		SEF MET		TIV D	Ε	SAMP	LING]	1	35 / T)		s Ba	s Ba	١	<u>6</u>		B/624	8270		Na, K	503,) spilo	4500		~ 24 Hours
LAB# (LAB USE) (ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR	SLUDGE		HCL (BTEX only	HNO ₃	NaHSO₄	H ₂ SO ₄	ICE	NONE	DATE	TIME	MTBE 8021B/602	BTEX 8021 B	TPH 418.1/TX100	PAH 8270C	Total Metals Ag A	TCLP Metals Ag	TCI P Semi Volati	TCLP Pesticides	RCI	GC/NIS Vol. 8260	GC/MS Semi. Vol.	Moisture Content	Cations (Ca. Mg, I	Anions (CI, SO4, 0	Total Dissolved Sc	Chloride / Cl. (SM		Turn Around Time
001	MW-1	G	1	×									х	П	6/30/11	1440	1	Γ	Γ	П	T	1	T	T	1	1	1	Τ	П	-	 +	\rightarrow		
002	MW-2	G										1520	1	Г	П		\exists	T	T	Т	T		T			П	x	x						
003	MW-3	G	1	x					7				X	\Box	6/30/11	1030	T	T			T	1	T	T	T	T	\top	1	П	\Box		$\overline{}$		$\overline{}$
400	MW-4	G	1	x		П	\neg		7	_			X	М	6/30/11	1400	T				コ	1	†	T	\top	1	十	1	П	_		\rightarrow	\neg	
l · · · · 		Ť		†		\Box	\neg	7	┪	\neg							T	┌		П	7	†	Ť	1	†	†	T	1	П	П	Ĥ			
l		†	 	+		\vdash	T		7	\dashv			П			i -	十	\vdash	T	\vdash	\dashv	+	Ť	十	十	十	T	t	Н		П	T	7	_
<u> </u>		╁─	+	十一	╁	+	_	-	7			-					十	1	H	Н	\dashv	+	+	+	十	+-	十	一	H	\vdash	\vdash	+	-	
 		┼	┼─	╁╌	-	H	-	+	-	\dashv	\dashv	\dashv	\dashv			├──	╁	┝		Н	+	+	+	+	┿	+-	╁	\vdash	Н	\vdash	┝╾╅	+	-+	_
		├	├──	+-	-	┼┤	\dashv	-+	-		-	႕	\dashv		<u> </u>	 	╀	├	-	Н	+	+	+	╁	╁	┿	╁╾	╀	Н	\vdash	\vdash	+		\neg
		↓	├	╀╌		-	4	-+	4				_	-1		 	╄	⊢	<u> </u>	\vdash	+	+	╀	╀	╄	╀	╀	-	Н	\vdash	┝┵	\dashv		\dashv
		<u> </u>				\sqcup				ل_			ل_			<u> </u>	ļ.,	L		ليا	4	+	1	1.	+-	┸	1	<u> </u>	Ш					_
Relinquished by:	71.1	Receiv	ved by:			٠				D	ate:		Ti	ime:			\vdash		Res		4	٦,	es	Ļ×	No									
Gil Van Devente	11/11 5:05 pm										_						Fax	Re	sults	3		Υ	es	X	No)	Ade	ditio	nal l	Fax	Nur	nbe	r:	
Relinquished by:	Date: Time:	Receiv	ved By:	;	abor	atory	Şta	ff)		Da	ate:		Tir	me:			RE	MA	₹KS	:														
		Lin	, A	Yus	J.	rik	,		•	7.1	-11		E	ニ・ノ	05		1	Em	ail F	Resu	He t	۸.												
0.11	(Oire)	-			vo					_				<u> </u>	75		1		GIII I	1030	113 11	J .	_	iiA	trid	ent.	-en	/iro	nm.	<u>ent</u>	al (2012	,	
Delivered By:	(Circle One) UPS - Bus - Other:	O.Y	Yes No	Cool	Yes	Intact	-		Initia		D B	P	1				gil@trident-environmental.com mattp@pride-energy.com																	



XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Miami, Odessa, Philadeiphia Phoenix, San Antonio, Tampa Document Title: Sample Receipt Checklist

Document No.: SYS-SRC

Revision/Date: No. 01, 5/27/2010

Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

client: Pride	Loemy .					
Date/Time:]-[-11 5:05)1				•	
Lab ID#: 42	21885					
Initials:	79					
		Sample Receipt Che	cklist		·	
1. Samples on ice?			Blue	Water	No	
2. Shipping container in	good condition?		6 s	No	None	
3. Custody seals intact o		er (cooler) and bottles?	Yes	No	NA	
4. Chain of Custody pres	ent?		Yes	No		
5. Sample instructions co		custody?	Yes	No		
6. Any missing / extra sa			Yes	(ea)		
7. Chain of custody sign	ed when relinquishe	ed / received?	Yes	No		
8. Chain of custody agre			Yes	No		
9. Container labels legib		· · · · · · · · · · · · · · · · · · ·	Yeso	No		
10. Sample matrix / prop		ain of custody?	Yes	No -		
11. Samples in proper co			Yes	No		
12. Samples property pro	eserved?		A es	No	N/A	
13. Sample container int			(Yes)	No		
14. Sufficient sample am	ount for indicated t	est(s)?	(Yeş	No		
15. All samples received			(Yes	No		-
16. Subcontract of samp	ie(s)?		Yes	No	N/A	
17. VOC sample have ze	ro head space?		Yes	No	NIA	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No	0.	Cooler 5 No.	
lbs .4 °c		°C lbs	°C lbs	•	lbs	°C
	N	lonconformance Docu	mentation			
Contact:	Contact			Date/Time:		
						
Regarding:						
Corrective Action Taken						
Corrective Action Taken]					
		···				
Check all that apply:	7Cooling amount b	as begun shortly after samp	ling avent and	out of tompo	rature	
•	condition ac	ceptable by NELAC 5.5.8.3.1 Temperature confirm out of	.a.1.		. w = #1 V	

☐ Client understands and would like to proceed with analysis

Analytical Report 428777

for **Trident Environmental**

Project Manager: Gil Van Deventer
Pride Energy Company

State 36 # 2

10-OCT-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





Project Manager: Gil Van Deventer

Trident Environmental

P.O. Box 7624 Midland, TX 79708

Reference: XENCO Report No: 428777

Pride Energy Company

Project Address: T19S-R37E, Sec. 36, Unit Letter O ~ Lea County, NM

Gil Van Deventer:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 428777. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 428777 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 428777



Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	09-29-11 14:00		428777-001
MW-2	W	09-29-11 14:30		428777-002
MW-3	W	09-29-11 15:20		428777-003
MW-4	W :	09-29-11 16:00		428777-004

CASE NARRATIVE



Client Name: Trident Environmental Project Name: Pride Energy Company



Project ID:

State 36 # 2

Work Order Number: 428777

Report Date: 10-OCT-11 Date Received: 09/30/2011

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-871721 Anions by E300

E300MI

Batch 871721, Chloride recovered below QC limits in the Matrix Spike.

Samples affected are: 428777-003, -004, -001, -002.

The Laboratory Control Sample for Chloride is within laboratory Control Limits

Batch: LBA-871899 TDS by SM2540C

The RPD between the Sample and Sample Duplicate for this batch was above the QC limits.

This is most likely due to sample non-homogeneity (excess particles.)



Project Id: State 36 # 2

Contact: Gil Van Deventer

Project Location: T19S-R37E, Sec. 36, Unit Letter O ~ Lea (

Certificate of Analys **Summary 428777**

Trident Environmental, Midland, TX

Project Name: Pride Energy Company

Date Received in Lab: Fri Sep-30-11 03:01 pm

Report Date: 10-OCT-11

Project Manager: Brent Barron II

								Project Ma	nager:	Brent Barron II		
	Lab Id:	428777-0	01	428777-0	002	428777-0	03	428777-	004			
Analysis Requested	Field Id:	MW-1		MW-2		MW-3		MW-	•			
Analysis Requesieu	Depth:									:		
	Matrix:	WATE	R	WATE	R	WATE	R	WATE	R			. :
	Sampled:	Sep-29-11	Sep-29-11 14:00 S		14:30	Sep-29-11 15:20		Sep-29-11 16:00				•
Anions by E300	Extracted:											
	Analyzed:	Oct-05-11	23:20	Oct-05-11 2	23:20	Oct-05-11 2	23:20	Oct-05-11	23:20	: · · · · · · · · · · · · · · · · · · ·	:	
	Units/RL:	mg/L	RL ,	mg/L	RL	mg/L	RL:	mg/L	RL		:	
Chloride		453	25.0	616	25.0	439	25.0	662	25.0	:		
TDS by SM2540C	Extracted:	***************************************	1				:					
	Analyzed:	Oct-05-11 13:30		Oct-05-11 13:30		Oct-05-11 13:30		Oct-05-11 13:30				
	Units/RL:	mg/L	RL ,	· mg/L	RL	mg/L	RL :	mg/L	RL		i	
Total dissolved solids		770	5.00	1380	5.00	890	5.00	1180	5.00	1		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brent Barron II Odessa Laboratory Manager



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantiation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- **BRL** Below Reporting Limit.
- **RL** Reporting Limit

MDL Method Detection Limit

SDL Sample Detection Limit

LOD Limit of Detection

PQL Practical Quantitation Limit MQL Method Quantitation Limit

LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Atlanta - Midland/Odessa - Tampa/Lakeland - Miami - Phoenix - Latin America

	Phone	Fax
4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
6017 Financial Drive, Norcross, GA 30071	(770) 449-8800	(770) 449-5477
3725 E. Atlanta Ave. Phoenix, AZ 85040	(602) 437-0330	



BS / BSD Recoveries



Project Name: Pride Energy Company

Work Order #: 428777

Analyst: BRB

Date Prepared: 10/05/2011

Project ID: State 36 # 2

Date Analyzed: 10/05/2011

Lab Batch ID: 871721

Sample: 871721-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L		BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
Anions by E300	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Bik. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	{ D }	(E)	Result [F]	[G]		·		
Chloride	<0.500	10.0	10.3	103	10.0	10.4	104	1	80-120	20	

Analyst: BRB

Date Prepared: 10/05/2011

Date Analyzed: 10/05/2011

Lab Batch ID: 871899

Sample: 871899-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
TDS by SM2540C	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]				
Total dissolved solids	<5.00	1000	886	89	1000	854	85	4	80-120	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: Pride Energy Company

Work Order #: 428777

Lab Batch #: 871721

Date Analyzed: 10/05/2011

Project ID: State 36 # 2

Date Prepared: 10/05/2011

Analyst: BRB

QC- Sample ID: 428960-001 S

Batch #:

Matrix: Water

Reporting Units: mg/L MATRIX / MATRIX SPIKE RECOVERY STUDY Parent **Inorganic Anions by EPA 300** Spiked Sample Sample %R Spike Result Limits Flag Result %R Added [C] **[D]** [A] [B] **Analytes** Chloride 40.8 100 120 79 80-120

Lab Batch #: 871721

Date Analyzed: 10/05/2011

Date Prepared: 10/05/2011

Analyst: BRB

OC- Sample ID: 428986-001 S

Batch #:

Matrix: Water

Reporting Units: mg/L MATRIX SPIKE RECOVE									
Inorganic Anions by EPA 300	Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag			
Analytes	[A]	[B]							
Chloride	206	100	407	201	80-120	Х			

Matrix Spike Percent Recovery [D] = 100*(C-A)/BRelative Percent Difference [E] = 200*(C-A)/(C+B)All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Chloride

Sample Duplicate Recovery



Project Name: Pride Energy Company

Work Order #: 428777

Lab Batch #: 871721

Date Analyzed: 10/05/2011 23:20

Anions by E300

Analyte

Date Prepared: 10/05/2011

Project ID: State 36 # 2

Analyst: BRB

QC- Sample ID: 428986-001 D

Batch #:

Matrix: Water

Reporting Units: mg/L

SAMPLE/SAMPLE DUPLICATE RECOVERY												
Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag								
206	206	0	20									

Lab Batch #: 871899

Date Analyzed: 10/05/2011 13:30

Date Prepared: 10/05/2011

Analyst: BRB

QC- Sample ID: 428777-001 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L	SAMPLE /	SAMPLE / SAMPLE DUPLICATE RECOVERY										
TDS by SM2540C	Parent Sample Result [A]	Duplicate Result	RPD	Control Limits %RPD	Flag							
Analyte		[B]										
Total dissolved solids	770	1240	47	30	F							

12600 West I-20 E		T 2	·			 T	_ 1						•	_			T	Cŀ	IAI	N-0	F-C	ะบร	STO	ODY	ſΑ	ND	_	ALY	_		_	UE	ST
797658 (432) 563 Fax (432) 5		A	en	lC	0	L	al	D() I	•2	lt	0]	ri	e	:S	_			•	LAE	Orc	ler l	D#	_	40	₹ <u></u>	5				_		
Company Name:			BILL 1			pany:							PO#		-, -<u>-</u>: :	 -	Т				AI	VA	l Y	SIS	RF	QU	FS.	 T					
	vironmental		Prid	<u>e Er</u>			om	pan	y /																	letho							
Project Manager:						ess:					•		ity, Z				1	1			. 1	1		1	., i	1	1 1	., I I		_	_	_	1
	eventer / Trident Environn	nental	PO	<u>Box</u>	710	950	<u>, Т</u>	ulsa	1, C	<u>)K</u>	74 <u>′</u>	170	-19	50)		j	1	İ	lł	Ö			1			li						
Address: (S	Street, City, Zip)				Pho	ne#:						ı	Fax#:				1				ğ	-					IJ					1	j
PO Box 12	2177, Odessa TX 79768		(918	8) 524-9200 (918) 524-9292										ક્રિ	1	틹	ł		ı				1 1				1						
Phone #:		Fax#:															1		Įΰ	ł	8		ł			1	1 1	-			ହା		i
(432) 638-	8740	(413) 403	-996	8												ŀ		B	П	위	위	1	1	1	1	1 1				3		}
Project #:			Projec	t Nan	ne:												1		盲		ارز	8			3	1	H				راق	~l	
State 36 #2	2 .		Prid	e Er	nerg	y Co	om	pan	у										Ĭ	ll	ءُامّ	인				İ	1	1 1	- [['	2 3	51	
Project Location:					San	pler S	igna	ture:									1	l	ક	П	\mathbb{H}^{3}	5	ł	1	1		188		ı	ଛି ।	-18	剹	S S
T19S-R37	E, Sec 36, Unit Letter O ~	- Lea	Coun	ty, N	MI														[윤	H	ğlz	3			ĺ	1.	ĮğΙ			Ϋ́		5	·
					M	ATRI	K		PF		ETI		IVE		SAMPI	LING			5/T)		s Ba C	EQ S	88	3	İ	B/624	8270		Na. K	8	spilo	200	- 24
LAB# (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR	SLUDGE	101	TICL (BIEX only	HNC ₃	NaHSO₄	H ₂ SO ₄	ICE	NOINE	ОАТЕ	TIME	MTBE 8021B/602	BTEX 8021 B	TPH 418 1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.	TOLP Wetals Ag A	TCLP Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca. Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	Total Dissolved Solids (160.1 or SM2540C)	Chioride / Ci (SM4300 B of 300.1)	Turn Around Time ~ 24 Hours
01	MW-1	G	1	x		H	7	╅	Ť	7	寸		x	†	9/29/11	1400	1			П	+	1	\top	T	1	T		\sqcap		1	x ,	(
02	MW-2	G	1	x		1	1	十	十	十	1	-	x	1	9/29/11	1430	T	\vdash		H	\top	T	+	1	1	T	П	口		_	x ,	_	T
03	MW-3	G	1	×	-	$\dagger \dagger$	✝	+	†	†	+	_	$\frac{\hat{x}}{x}$	†	9/29/11	1520	 	 	┞	\vdash	+	†	十	†-	✝╌	†-	Н	一	7	_	x 3	_	
04	MW-4	G	1	x	_	 	十	十	†	十	\top	_	$\frac{\hat{x}}{x}$	1	9/29/11	1600	Т	┢	T	\Box	十	T	+	T	十	†	Н	\Box	寸	_	x ;	_	
	1000-7	┢	 	†^	_	††	7	十	\dagger	+	\dashv	十	$^{\uparrow}$	1	0/20/11	1000	t	⇈	t	H	十	十	1	†-	1	1	\vdash	\Box	7	1	+	1	1
	<u> </u>		 	+	_	┞┼	十	+	\dagger	十	十	十	\top	1			╁╴	\vdash	\vdash	Н	+	Ť	+	十	†	1	H		寸	\dashv	十	十	
		┢	 		-	╁┼	十	+	+	+	+	+	+	+			t	┢	\vdash	\vdash	+	+	+	十	†	+	\vdash	\vdash	7	十	\top	\top	1
	-			╂┤		┝╌┼	+	╅	+	╅	+	╁	+	+			╁	-	┢╌	H	+	+	┿	╁	╁╴	+-		┍╃	\dashv	十	十	+-	┪
		 -	 	╁		╀	-+	- -		\dashv	+	+	—	+			┢	⊢	-	┝┤	╁	+	╀	┿	┿	+	\vdash	┌╌╅	╅	-+	+	+	╅┈
_			—	\sqcup		╀	4	4	4	4	4	4	4-	4			₽-	<u> </u>	<u> </u>	┝╼┼	4	4	4	╀	╄	╀	┞╌┨	┵	-+	-+	+		+-
							┸	_l_		┸				⅃				<u> </u>	L	Щ	L	┸	丄	$oldsymbol{oldsymbol{\perp}}$	╄	<u> </u>				ᆚ			ᆚ_
Relinquished by	: Date: Time:	Receiv	ved by:							Da	te:		Tim	e:			Pho	one	Res	ults		Υ	es	X	No)							
Gil Van Deyênte	ar																Fax	Re	sults	3		Y	es	x	No	,	Add	lition	nal F	ax !	Num	ber:	
Relinguished by	: // Date: Time:	Receiy	ed Bv	(La	bora	tory :	Staf	ff)	_	Da	te:		Time	e :			RE	MAF	₹KS	:													
ANI	A 9/2/1, 3:4/2		w	ha		Él					30				5:01			Em	ail F	lesu:	lts to) :											
Delivered By:			Condit				T		ue,	VE.	D D'	 		_			1	.,		_			qi	il@i	trid	ent-	env	ігот	nme	enta	al.co	om	
Delivered by:	(Circle One)	7.0		Cool Intact es Yes (Initials)											•	_		prid															
Sampler -	UPS - Bus - Other:		ves No	H	res No	H		(11	aual	(S)							<	Sa	Jn	١a	Yle)											



XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Chècklist

Document No.: SYS-SRC

Revision/Date: No. 01, 5/27/2010

Page 1 of 1 Effective Date: 6/1/2010

Prelogin / Nonconformance Report - Sample Log-In

	•	•		
Client MICHAI ENU.			·	
Date/Time: 9.30 11 15 01				
Lab ID#: 428777				
Initials: AE				
Sample Receipt Che	eckilst			·
1. Samples on ice?	Blue	Water	No	
2. Shipping container in good condition?	(Yeso	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	NA	
4. Chain of Custody present?	Yes	No_		
5. Sample instructions complete on chain of custody?	Yes	No		
6. Any missing / extra samples?	Yes	(No)		
7. Chain of custody signed when relinquished / received?	(Yes)	No		
8. Chain of custody agrees with sample label(s)?	(Yes)	No		
9. Container labels legible and intact?	Yes	No		
10. Sample matrix / properties agree with chain of custody?	(Yes)	No ·		
11. Samples in proper container / bottle?	(Yes)	No		
12. Samples properly preserved?	Yes	No	N/A	
13. Sample container intact?	(Yes)	No		
14. Sufficient sample amount for indicated test(s)?	Yes	No		
15. All samples received within sufficient hold time?	Yes	No		
16. Subcontract of sample(s)?	Yes	No	(NA)	
17. VOC sample have zero head space?	Yes	No	(NA)	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	Cooler 4 No)	Cooler 5 No.	
ibs 7.0 °c ibs °c ibs	°C lbs	°c	ibs	°c
Nonconformance Docu	mentation			
Contact: Contacted by:		Date/Time:		
Contacted by.		Dates : III.e.		
Regarding:				
Corrective Action Taken:				
	······································			
				٦.
Check all that apply: Cooling process has begun shortly after samp condition acceptable by NELAC 5.5.8.3.1	oling event and o	out of temper	rature	

□ Initial and Backup Temperature confirm out of temperature conditions

Client understands and would like to proceed with analysis

Analytical Report 433881

for Trident Environmental

Project Manager: Gil Van Deventer

Pride Energy Company

State 36 # 2

29-DEC-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





29-DEC-11

Project Manager: Gil Van Deventer Trident Environmental P.O. Box 7624 Midland, TX 79708

Reference: XENCO Report No: 433881
Pride Energy Company

Project Address: T19S-R37E, Sec 36, Unit Letter O ~ Lea County, NM

Gil Van Deventer:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 433881. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 433881 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 433881

Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	w	12-20-11 12:30		433881-001
MW-2	W	12-20-11 15:30		433881-002
MW-3	W	12-20-11 13:30		433881-003
MW-4	W	12-20-11 14:30	•	433881-004

CASE NARRATIVE



Client Name: Trident Environmental Project Name: Pride Energy Company



Project ID:

State 36 # 2

Work Order Number: 433881

Report Date: 29-DEC-11
Date Received: 12/21/2011

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-877749 Anions by E300

E300MI

Batch 877749, Chloride recovered above QC limits in the Matrix Spike.

Samples affected are: 433881-002, -001, -003, -004.

The Laboratory Control Sample for Chloride is within laboratory Control Limits



Certificate of Analy

ummary 433881

Trident Environmental, Midland, TX

Project Name: Pride Energy Company

9

Project Id: State 36 # 2

Contact: Gil Van Deventer

Project Location: T19S-R37E, Sec 36, Unit Letter O ~ Lea (

Date Received in Lab: Wed Dec-21-11 04:20 pm

Report Date: 29-DEC-11

oject Lucation. 1175-R5/E, Sec 30, Oint	Lener O ~ Lea (-				
		·						Project Ma	nager:	Brent Barron II		
	Lab Id:	433881-0	001	433881-0	02	433881-0	03	433881-0	004			•
Analysis Paguastad	Field Id:	MW-1	!	MW-2	į	MW-3		MW-4	ı	:		
Analysis Requested	Depth:		. !		:					:		
	Matrix:	WATE	R ¦	WATE	2	WATER	٠ .	WATE	R	!		
	Sampled:	Dec-20-11	12:30	Dec-20-11	15:30	Dec-20-11 1	3:30	Dec-20-11	14:30	•		
Anions by E300	Extracted:		j !		İ					:		
	Analyzed:	Dec-22-11	14:29	Dec-22-11	4:29	Dec-22-11 1	4:29	Dec-22-11	14:29	ž S		
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL	mg/L	RL	1		
Chloride		527	25.0	579	25.0	494	25.0	623	25.0			
TDS by SM2540C	Extracted:											
SUB: E871002	Analyzed:	Dec-27-11	07:45	Dec-27-11 (7:45	Dec-27-11 0	7:45	Dec-27-11	07:45	**	i	
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL ,	mg/L	RL	i		
Total dissolved solids		3810	5.00	2100	5.00	1220	5.00	1600	5.00			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Joll -



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantiation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- * Surrogate recovered outside laboratory control limit.
- **BRL** Below Reporting Limit.
- **RL** Reporting Limit

MDL Method Detection Limit

SDL Sample Detection Limit

LOD Limit of Detection

PQL Practical Quantitation Limit

MQL Method Quantitation Limit

LOO Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

^ NELAC or State program does not offer Accreditation at this time.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Atlanta - Midland/Odessa - Tampa/Lakeland - Miami - Phoenix - Latin America

	Phone	Fax
4143 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
6017 Financial Drive, Norcross, GA 30071	(770) 449-8800	(770) 449-5477
3725 E. Atlanta Ave. Phoenix, AZ 85040	(602) 437-0330	



BS / BSD Recoveries



Project Name: Pride Energy Company

Work Order #: 433881

Analyst: BRB

Date Prepared: 12/22/2011

Project ID: State 36 # 2

Date Analyzed: 12/22/2011

Lab Batch ID: 877749

Sample: 877749-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L		BLAN	K/BLANK S	SPIKE / E	BLANK S	SPIKE DUPL	ICATE	RECOVE	ERY STUD	Y	
Anions by E300	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		(B)	[C]	[D]	(E)	Result [F]	[G]				
Chloride	<0.500	10.0	10.8	108	10.0	10.8	108	0	80-120	20	

Analyst: JSO

Date Prepared: 12/27/2011

Date Analyzed: 12/27/2011

Lab Batch ID: 877942

Sample: 877942-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L		BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
TDS by SM2540C	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]				
Total dissolved solids	<5.00	1000	958	96	1000	995	100	4	80-120	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: Pride Energy Company

Work Order #: 433881

Lab Batch #: 877749

Date Prepared: 12/22/2011

Project ID: State 36 # 2

Date Analyzed: 12/22/2011

Analyst: BRB

QC- Sample ID: 433820-001 S

Batch #:

Matrix: Water

Reporting Units: mg/L	MATI	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300	Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes	[A]	[B]				
Chloride	217	100	343	126	80-120	X

Lab Batch #: 877749

Date Analyzed: 12/22/2011

Analytes

Date Prepared: 12/22/2011

579

500

Analyst: BRB

104

80-120

QC- Sample ID: 433881-002 S

Chloride

Batch #: 1

Matrix: Water

Reporting Units: mg/L	MATRIX / MATRIX SPIKE RECOVERY STUDY												
Inorganic Anions by EPA 300	Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag							
Anglytes	[A]	[B]	(0)	1-,									

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference [E] = 200*(C-A)/(C+B)All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Chloride

Sample Duplicate Recovery



Project Name: Pride Energy Company

Work Order #: 433881

Lab Batch #: 877749

Date Analyzed: 12/22/2011 14:29

QC-Sample ID: 433820-001 D

D-4- D-

Project ID: State 36 # 2

Date Prepared: 12/22/2011 Analyst: BRB

Batch #:

Matrix: Water

Reporting Units: mg/L	porting Units: mg/L SAMPLE DUPLICATE RECOVERY										
Anions by E300	Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag						
Analyte	[7-4]	· [B]									

Lab Batch #: 877942

Date Analyzed: 12/27/2011 07:45

Date Prepared: 12/27/2011

Analyst: JSO

QC-Sample ID: 433710-033 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L	SAMPLE/SAMPLE DUPLICATE RECOVERY											
	Parent Sample Result [A]	Duplicate Result	RPD	Control Limits %RPD	Flag							
Analyte	1	[B]										
Total dissolved solids	117000	111000	5	30								

Lab Batch #: 877942

Date Analyzed: 12/27/2011 07:45

Date Prepared: 12/27/2011

Analyst: JSO

QC-Sample ID: 433923-001 D

Batch #: 1

Matrix: Water

SAMPLE / SAMPLE DUPLICATE RECOVERY Reporting Units: mg/L TDS by SM2540C Parent Sample Sample Control Duplicate RPD Limits Result Flag %RPD Result [A] [B] **Analyte** Total dissolved solids 3520 4750

12600 West I-20 Ea									_				•				Τ	CH	IAIN	1-0	F-C	บร	то	DY	A۱	ND.		ALY	_	_	Q	JES	T
797658 (432) 563 Fax (432) 5		X	en	C	0		\mathbf{a}	D	01	ra	lt	01	(Ì	e	S		卜		_	LAB	Ord	er II) #.		j2	3 :3	2	3	1				
Company Name:	vironmental		BILL 1 Prid	-	nerg	npany: y Co ress:		pan	ıy /			•		(a)			T			<u>-</u>	_	IAL	YS	is	RE	QU	ES'	T			<u>-</u>		
Gil Van De	eventer / Trident Environn	nental	РО	Вох	710	950	, T	ulsa	а, (•	170-	19	50]				2									Γ	Τ]]
PO Box 12	Street, City, Zip) 2177, Odessa TX 79768		(918	3) 52	Pho: 4-9								ax#: 918		524-9292				35)		10B/2												
Phone #: (432) 638-	8740	Fax#: (413)) 403						٠										ged (C		원 원	20								25400			
Project #: State 36 #2	2		Project Pride		nerg	y Co	om	pan	ıy			,							Exten		Cr Pb Se Hg 6010B/2007	3					١				9.5		
Project Location: T19S-R37I	E, Sec 36, Unit Letter O ~	Lea	Coun	ty, N		pler S	igna	ture:											X1005		5 8 8 8					Ţ	0C/62				B or 3		Hours
			တ		M	ATRI	×	_				VATI IOD	IVE	1	SAMPL	.ING	2		7 / 500		As Ba		iles			0B/62	J. 827	_	Na.	ဗ ဗြ	4500		e ~ 24
LAB#	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	WATER	SOIL	AIR	SLUDGE		HCL (BTEX only	HNO3	NaHSO4	H ₂ SO ₄	NO.	NONE	DATE	TIME	MTBE 8021B/602	BTEX 8021 B	TPH 418.1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg. Na, K)	Anions (Cl. SO4, CO3, HCO3) Total Dissolved Solids (160 1 or SM2540C)	Chloride / Cl (SM4500 B or 300.1)		Turn Around Time ~ 24 Hours
01	MW-1	G	1	X	-	H		一	7	=	Ť	7	_	†	12/20/11	1230	一	Ē	İ		+	Ť	Ė			Ť	Ť	H	Ť	1,	+		T
07	MW-2	G	1	x		П	1	7		寸	寸	٦,	_	1	12/20/11	1530						T							\exists	7	×		
02	MW-3	G	1	X		П	7	7		1	1	1,	_	1	12/20/11	1330				\Box	T	Τ	Γ					П	\neg	Τ,	X		
84	MW-4	G	1	х		П		1		\downarrow	1		K .	1	12/20/11	1430				\Box	1	ļ							\Box	1	×		
			-	+		H	\dashv	╅	\dashv	\dashv	+	+	+	╁			╁╴			\dashv	+	\dagger	├					\dashv	\dashv	+	\dagger		
						П		\Box	\Box		\perp		1	1						\Box	1	Ţ							\Box	Ι.	\bot		lacksquare
 				\vdash		\vdash	4	-	+	+	+	+	+	+				H	Н	\dashv	+	╀	H	<u> </u>		-		\dashv	\dashv	+	+	├	+-
2							1	1	1	1	1	<u> </u>	\pm	1							1				_				1	土	上		
Relinguished/by	Date: Time: 12/21/1, 4:242	Receiv	ved by:							Da	ite:		Time	e:		-		Re:			╁	Ye Ye	_	×	_	_	Add	lition	al F	ax N	umb		
Relinquished by		Receiy	æd By:	(La			-	-		Da	te:		Time	:	_	_	RE	MAF	KS:		!_	1.0	.3	_^_	140								
		\mathcal{U}	nd	u	_(Ell	20	u		人	بر.	11:	l	4	1.21			Em	ail R	esul	ts to	:											
Delivered By: Sampler -	(Circle One) UPS - Bus - Other:	Sample	Condit Yes No	Cool		Intact		C	CHE(CKE	Ď B\	/ :							٠				_	_						enta com		m	

CATEN SAISA FOR STREET



XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa Document Title: Sample Receipt Checklist

Document No.: SYS-SRC

Revision/Date: No. 01, 5/27/2010

Effective Date: 6/1/2010

Page 1 of 1

rt - Sampi	e Log-In		·
	•	•	
٠			
		,	
kilst			
Blue	< Water	No	
Yes	No	None	
(YEE)	No	N/A	
<yes< td=""><td>No</td><td></td><td></td></yes<>	No		
Yes	No		
Yes	No		
Yes	No		
Y68)	No		
des	No		
Yes	No -		
(Tes	No		
You	No	N/A	
Yes	No		
∠Yes	No		
Yes	No		
Yes	No	N/A	
Yes	No	(N/A)	
Cooler 4 N	0.	Cooler 5 No.	
			٥(
entation	<u> </u>	··	
	Date/Time;_		
		·	···
	**		
	Blue Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	Blue Water Yes No Cooler 4 No. Ic libs °C	Blue Water No Yes No None Yes No Cooler 5 No. Ibs °C Ibs

Crieck all that apply:

□ Cooling process has begun shortly after sampling event and out of temperature

condition acceptable by NELAC 5.5.8.3.1.a.1.

□ Initial and Backup Temperature confirm out of temperature conditions

☐ Client understands and would like to proceed with analysis

The state of the s