

**PLAINS**  
MARKETING L.P.

May 16, 2011

Mr. Mike Bratcher  
New Mexico Oil Conservation Division  
1301 West Grand Avenue  
Artesia, New Mexico 88210

RE: Plains Marketing, L.P. XTO Nash 42 Site  
NMOCD Reference # TBD  
Unit Letter E of Section 18, Township 23 South, Range 30 East  
Eddy County, New Mexico

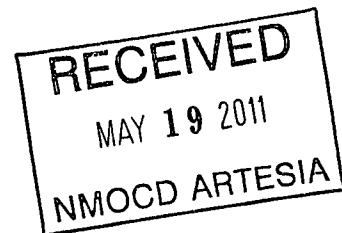
Dear Mr. Bratcher:

Plains Marketing, L.P. is pleased to submit the attached *Remediation Summary and Site Closure Request*, dated January 2011, for the XTO Nash 42 site. This site is located in Section 18 of Township 23 South, and Range 30 East of Eddy County, New Mexico. This document details the soil remediation activities performed at the site.

Should you have any questions or comments, please contact me at (575) 441-1099.

Sincerely,

Jason Henry  
Remediation Coordinator  
Plains Marketing, L.P.



Enclosure



**REMEDIATION SUMMARY  
AND  
SITE CLOSURE REQUEST**

**PLAINS MARKETING, L.P. (231735)**

**XTO Nash 42**

**Eddy County, New Mexico**

**Plains SRS# 2010-226**

**UNIT "E" (SW/NW), Section 18, Township 23 South, Range 30 East**

**Latitude 32.28972220° North, Longitude 103.92805560° West**

Prepared For:

**Plains Marketing, L.P.**

333 Clay Street

Suite 1600

Houston, Texas 77002



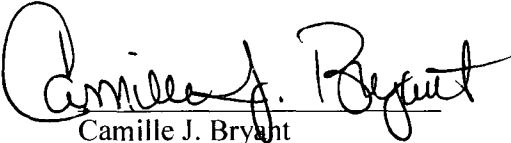
Prepared By:

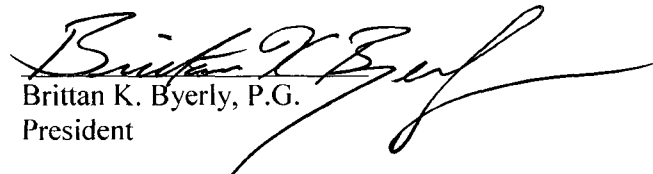
**NOVA Safety & Environmental**

2057 Commerce

Midland, Texas 79703

**January 2011**

  
Camille J. Bryant  
Project Manager

  
Brittan K. Byerly, P.G.  
President

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## **1.0 INTRODUCTION**

NOVA Safety and Environmental (Nova), on behalf of Plains Marketing, L.P. (Plains), has prepared this Remediation Summary and Site Closure Request for the release site known as XTO Nash 42 Release Site (SRS# 2010-226). The site is located in Unit Letter "E" (SW ¼ NW ¼), Section 18, Township 23 South, Range 30 East, in Eddy County, New Mexico. The landowner of the affected property is XTO Energy. The site latitude is 32.28972220° North, and the longitude is 103.92805560° West. The Site Location and Site and Sample Location Map are provided as Figure 1 and Figure 2, respectively. The Release Notification and Corrective Action (Form C-141) is provided as Appendix C.

On December 20, 2010, Plains discovered a crude oil release had occurred at the XTO Nash 42 Tank Battery. The release was a result of a truck overflow. During the process of loading crude oil, the driver encountered problems with the spill stop mechanism. While the driver was trouble shooting the problem, the trailer overfilled with crude oil. The release was reported to the New Mexico Oil Conservation Division (NMOCD) Artesia District Office on December 21, 2010. The C-141 indicated approximately ten (10) barrels of crude oil was released, with no recovery. General photographs of the site are provided as Appendix B.

The release occurred on an active XTO Energy tank battery at which XTO was installing additional tanks. In order to allow access for the previously scheduled tank installation, it was necessary to excavate the impacted soil, collect confirmation soil samples and backfill the impacted area in less than twenty-four (24) hours.

## **2.0 NMOCD SITE CLASSIFICATION**

According to data obtained from the New Mexico Office of the State Engineer (NMOSE), no water wells are registered in Section 18, Township 23S, Range 30E. A reference map utilized by the NMOCD indicates groundwater should be encountered at approximately 175 to 200 feet below ground surface (bgs). The depth to groundwater at the XTO Nash 42 Release Site, results in a score of zero (0) points being assigned to the site, based on the NMOCD depth to groundwater criteria.

The water well database, maintained by the NMOSE, indicated there are no water wells less than 1,000 feet from the release, resulting in zero (0) points being assigned to this site as a result of this criteria.

There are no surface water bodies located within 1,000 feet of the site. Based on the NMOCD ranking system zero (0) points will be assigned to the site as a result of the criteria.

The NMOCD guidelines indicate the XTO Nash 42 Release Site has an initial ranking score of zero (0). Based on this score, the soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 5,000 mg/Kg (ppm)

NMOCD chloride clean-up level concentrations are site specific and are set by the NMOCD.

### **3.0 SUMMARY OF FIELD ACTIVITIES**

On December 20, 2010, Nova, at the request of Plains, commenced remediation activities at the XTO Nash 42 Release Site. Impacted soil was excavated from the release site and stockpiled on a 6 mil poly liner pending transportation to an NMOCD approved disposal. Excavation activities were conducted until no visual staining or olfactory evidence remained. The resulting excavation measured approximately seventy-seven (77) feet in length, approximately seventy (70) feet in width and approximately one (1) foot in depth. Please reference Figure 2 for details of the area excavated.

The release occurred on an XTO facility on which XTO was installing additional tanks. To allow access to the area in which the tanks were to be installed, it was necessary to excavate, collect confirmation soil samples and backfill the impacted area in less than twenty-four (24) hours.

On December 21, 2010, two (2) confirmation soil samples (East Floor @ 1' and West Floor @ 1') were collected from the excavation. The soil samples were submitted to the laboratory for benzene, toluene, ethyl-benzene and xylene (BTEX), total petroleum hydrocarbon (TPH) and chloride analysis using EPA SW 846-8021b, EPA SW 846-8015M and E. 300, respectively. In addition, a soil sample (Background) was collected west of the release area and submitted to the laboratory for chloride analysis. A summary of Concentrations of BTEX, TPH and Chlorides in Soil is provided as Table 1 and laboratory analytical reports are provided as Appendix A. Soil sample locations are provided in Figure 2.

Laboratory analytical results indicated benzene concentrations were less than the appropriate laboratory method detection limit (MDL) of 0.0011 mg/Kg for each of the submitted soil samples. BTEX concentrations ranged from 0.0052 mg/Kg for soil sample West Floor @ 1' to 0.0074 mg/Kg for soil sample East Floor @ 1'. TPH concentrations ranged from less than the laboratory MDL of 15.9 mg/Kg for soil sample West Floor @ 1' to 53 mg/Kg for soil sample East Floor @ 1'. Chloride concentrations were 226 mg/Kg, 336 mg/Kg and 25.6 mg/Kg for soil samples West Floor @ 1', East Floor @ 1' and Background, respectively. A review of the laboratory analytical results indicated benzene, BTEX and TPH concentrations were less than the NMOCD regulatory guidelines. Chloride concentrations were less than 250 mg/Kg with the exception of soil sample East Floor @ 1'.

On December 21, 2010, approximately ninety-six (96) cubic yards of impacted soil was transported to Lea Land Inc. (NMOCD permit # WM-01-035) for disposal. The excavation was backfilled and compacted with locally obtained non-impacted material. Upon completion of backfilling activities, the site was contoured to pre-spill topography.

## **4.0 QA/QC PROCEDURES**

### **4.1 Soil Sampling**

Soil samples were delivered to Xenco Laboratories, Inc. in Odessa, Texas for BTEX, TPH and/or chloride analyses using the methods described below. Soil samples were analyzed for BTEX, TPH and/or chlorides within fourteen days following the collection date.

The soil samples were analyzed as follows:

- BTEX concentrations in accordance with EPA SW-846-8021B
- TPH-GRO/DRO concentrations in accordance with modified EPA SW-846-8015M GRO/DRO
- Chloride concentrations in accordance with E300.

### **4.2 Decontamination of Equipment**

Cleaning of the sampling equipment was the responsibility of the environmental technician. Prior to use, and between each sample, the sampling equipment was cleaned with Liqui-Nox<sup>®</sup> detergent and rinsed with distilled water.

### **4.3 Laboratory Protocol**

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody form. These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

## **5.0 SITE CLOSURE REQUEST**

Based on the analytical results of confirmation soil samples, NOVA recommends no further action and that Plains provide the NMOCD Artesia District Office a copy of this Remediation Summary and Site Closure Request and request the NMOCD grant site closure to the XTO Nash 42 Release Site.

## **6.0 LIMITATIONS**

NOVA Safety and Environmental has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA Safety and Environmental has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA Safety and Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA Safety and Environmental has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA Safety and Environmental also notes that the facts and conditions referenced in this report may change over time and the conclusions

and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

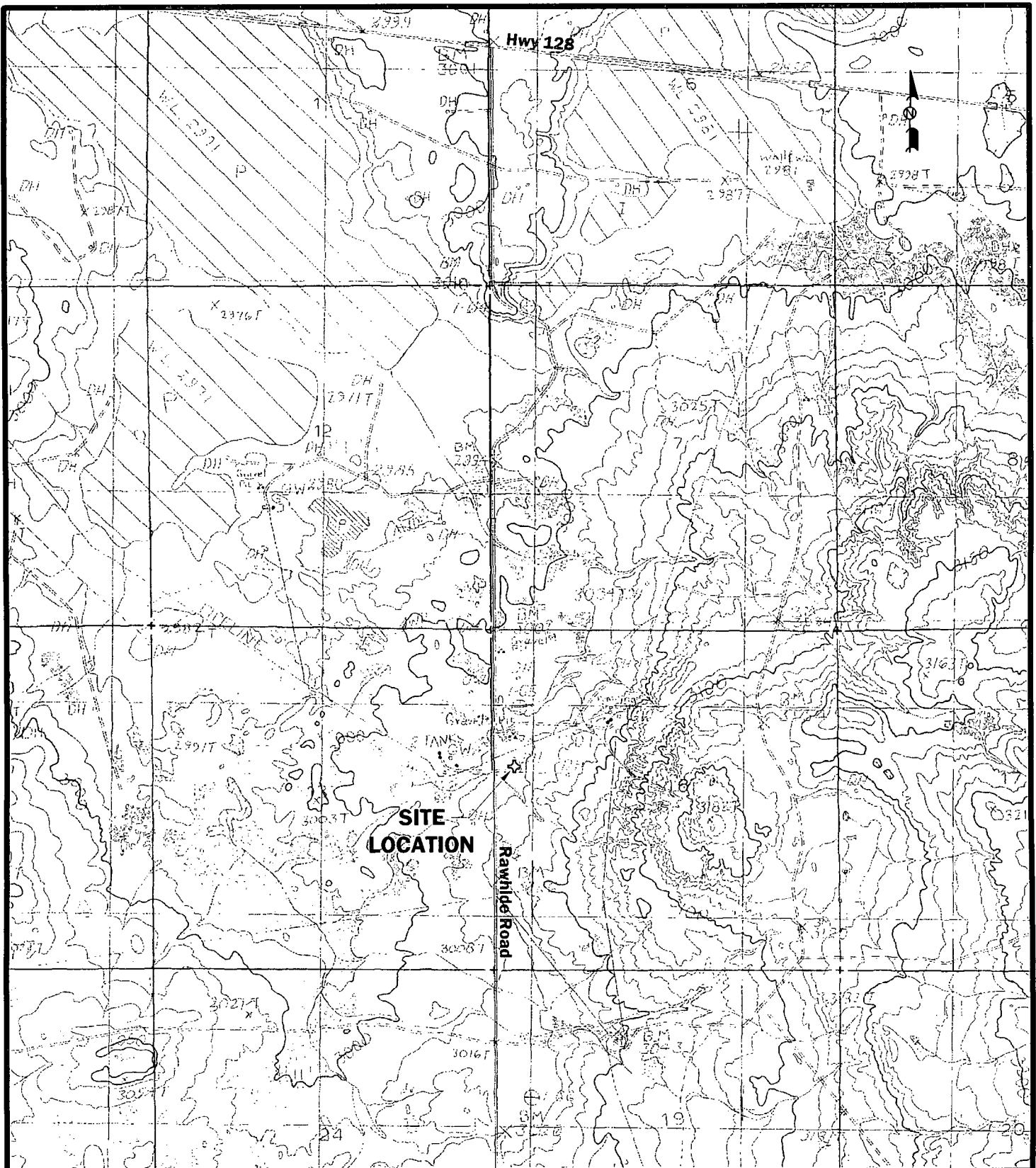
This report has been prepared for the benefit of Plains Marketing, L.P. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA Safety and Environmental and/or Plains Marketing, L.P.

## **7.0 DISTRIBUTION:**

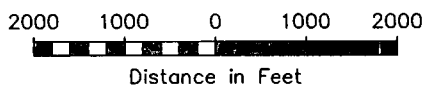
- Copy 1: Mike Bratcher  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division (District 2)  
1301 West Grand Avenue  
Artesia, New Mexico 88210
- Copy 2: Jeff Dann  
Plains Marketing, L.P.  
333 Clay Street, Suite 1600  
Houston, Texas 77002  
jpdann@paalp.com
- Copy 3: Jason Henry  
Plains Marketing, L.P.  
2530 State Highway 214  
Denver City, Texas 79323  
jhenry@paalp.com
- Copy 4: NOVA Safety and Environmental  
2057 Commerce Street  
Midland, Texas 79703



## **FIGURES**



**LEGEND:**



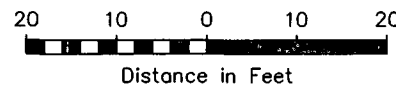
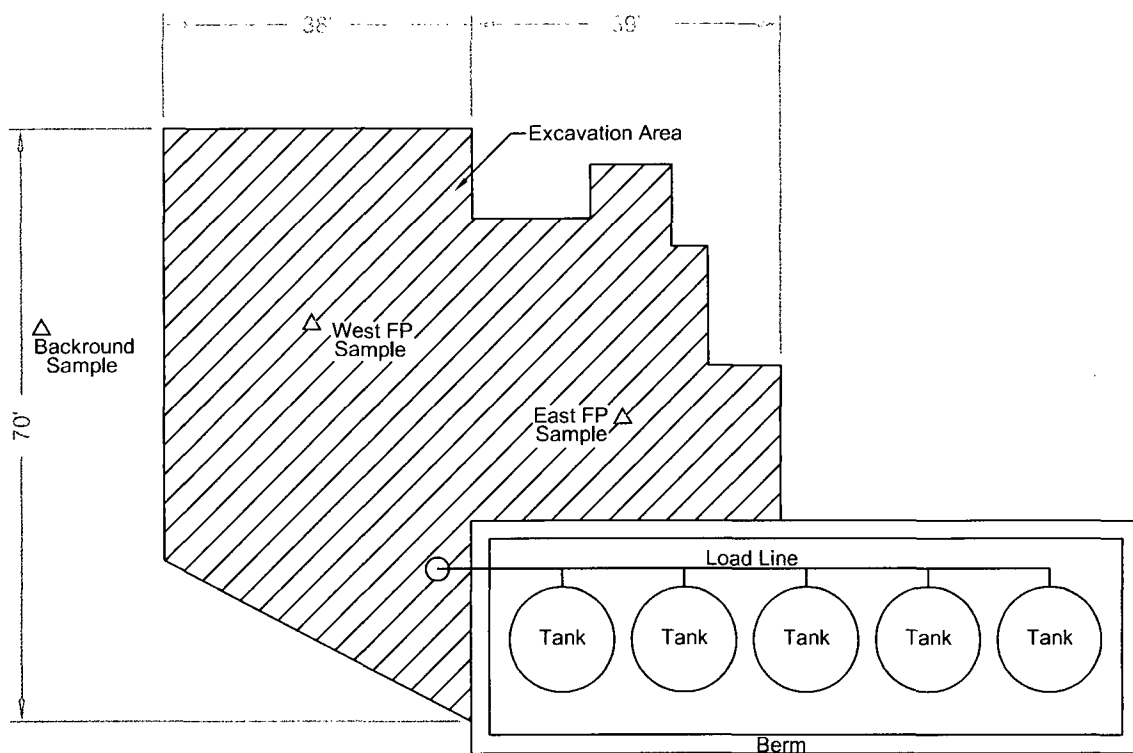
**Figure 1**

Site Location Map  
 Plains Marketing, L.P.  
 XTO Nash 42 Release Site  
 Eddy County, NM



2057 Commerce Drive  
 Midland, Texas 79703  
 432.520.7720  
[www.novasafetyandenvironmental.com](http://www.novasafetyandenvironmental.com)

December 28, 2010	Scale: 1" = 2000 ft	CAD By: TA	Checked By: CJB
Lat. N 32° 18' 30" Long. W 103° 55' 41"			Section 18, T 23S, R 30E



LEGEND:

△ Soil Sample Location

Figure 2  
Site Map  
Plains Marketing, L.P.  
XTO Nash 42  
Eddy County, NM



2057 Commerce Drive  
Midland, Texas 79703  
432.520.7720  
www.novasafetyandenvironmental.com

December 20, 2010	Scale: 1" = 40'	CAD By: TA	Checked By: CJB
Lat. N 32° 18' 23" Long. W 103° 55' 41"		NW1/4 SE1/4 Sec 18 T23S R30E	

## **TABLES**

TABLE 1

## CONCENTRATIONS OF BTEX, TPH AND CHLORIDE IN SOIL

PLAINS MARKETING, L.P.  
 XTO NASH 42 RELEASE SITE  
 EDDY COUNTY, NEW MEXICO  
 PLAINS SRS# 2010-226

*All concentrations are reported in mg/Kg*

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-80210b						METHOD: SW 8015M				E 300.1
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH DRO C <sub>6</sub> -C <sub>12</sub>	TPH GRO C <sub>13</sub> -C <sub>28</sub>	TPH ORO C <sub>29</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>	CHLORIDE
NMOC Regulatory Limit		10	-	-	-	-	50	-	-	-	5,000	250
East Floor @ 1'	12/21/10	<0.0011	<0.0022	0.0013	0.0045	0.0016	0.0074	18.7	34.3	<16.1	53	336
West Floor @ 1'	12/21/10	<0.0011	<0.0021	0.0012	0.0026	0.0014	0.0052	<15.9	<15.9	<15.9	<15.9	226
Background	12/21/10	-	-	-	-	-	-	-	-	-	-	25.6

## **APPENDICES**

## **APPENDIX A:**

### **Laboratory Analytical Reports**

**Analytical Report 401360**  
**for**  
**PLAINS ALL AMERICAN EH&S**

**Project Manager: Jason Henry**

**Nash 42**

**SRS# 2010-226**

**23-DEC-10**



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**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 (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), California(06244CA), 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)





23-DEC-10

Project Manager: **Jason Henry**  
**PLAINS ALL AMERICAN EH&S**  
1301 S. COUNTY ROAD 1150  
Midland, TX 79706

Reference: XENCO Report No: **401360**  
**Nash 42**  
Project Address: Eddy Co., NM

**Jason Henry:**

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 401360. 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. 401360 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

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## Sample Cross Reference 401360



PLAINS ALL AMERICAN EH&S, Midland, TX

Nash 42

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
East Floor @ 1'	S	Dec-21-10 07:30		401360-001
West Floor @ 1'	S	Dec-21-10 07:35		401360-002
Background	S	Dec-21-10 07:45		401360-003



## CASE NARRATIVE

**Client Name:** PLAINS ALL AMERICAN EH&S

**Project Name:** Nash 42



**Project ID:** SRS# 2010-226  
**Work Order Number:** 401360

**Report Date:** 23-DEC-10  
**Date Received:** 12/21/2010

---

**Sample receipt non conformances and Comments:**

None

---

**Sample receipt Non Conformances and Comments per Sample:**

None

**Analytical Non Conformances and Comments:**

**Batch:** LBA-837331 BTEX by EPA 8021  
SW8021BM

Batch 837331, 4-Bromofluorobenzene recovered above QC limits QC data not confirmed by re-analysis. Samples affected are: 592046-1-BKS.

SW8021BM

Batch 837331, Ethylbenzene, m\_p-Xylenes recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Benzene, Toluene recovered below QC limits in the Matrix Spike Duplicate.

Samples affected are: 401360-002, -001.

The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, m\_p-Xylenes is within laboratory Control Limits



# Certificate of Analysis Summary 401360

PLAINS ALL AMERICAN EH&S, Midland, TX



Project Id: SRS# 2010-226

Contact: Jason Henry

Project Location: Eddy Co., NM

Project Name: Nash 42

Date Received in Lab: Tue Dec-21-10 11:30 am


Report Date: 23-DEC-10

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	401360-001	401360-002	401360-003			
	<i>Field Id:</i>	East Floor @ 1'	West Floor @ 1'	Background			
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Dec-21-10 07:30	Dec-21-10 07:35	Dec-21-10 07:45			
<b>BTEX by EPA 8021</b>	<i>Extracted:</i>	Dec-22-10 13:49	Dec-22-10 13:49				
	<i>Analyzed:</i>	Dec-23-10 09:08	Dec-23-10 09:29				
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL				
Benzene		ND 0.0011	ND 0.0011				
Toluene		ND 0.0022	ND 0.0021				
Ethylbenzene		0.0013 0.0011	0.0012 0.0011				
m_p-Xylenes		0.0045 0.0022	0.0026 0.0021				
o-Xylene		0.0016 0.0011	0.0014 0.0011				
Xylenes, Total		0.0061 0.0011	0.0040 0.0011				
Total BTEX		0.0074 0.0011	0.0052 0.0011				
<b>Inorganic Anions In Soil by E300</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-21-10 13:33	Dec-21-10 13:33	Dec-21-10 13:33			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		336 21.6	226 10.6	25.6 5.04			
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-21-10 17:00	Dec-21-10 17:00	Dec-21-10 17:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		7.37 1.00	5.54 1.00	ND 1.00			
<b>TPH by SW8015 Mod</b>	<i>Extracted:</i>	Dec-21-10 15:30	Dec-21-10 15:30				
	<i>Analyzed:</i>	Dec-22-10 07:19	Dec-22-10 07:38				
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL				
C6-C12 Gasoline Range Hydrocarbons		18.7 16.1	ND 15.9				
C12-C28 Diesel Range Hydrocarbons		34.3 16.1	ND 15.9				
C28-C35 Oil Range Hydrocarbons		ND 16.1	ND 15.9				
Total TPH		53.0 16.1	ND 15.9				

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.

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2505 North Falkenburg Rd, Tampa, FL 33619  
5757 NW 158th St, Miami Lakes, FL 33014  
12600 West I-20 East, Odessa, TX 79765  
842 Cantwell Lane, Corpus Christi, TX 78408

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(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116



## Form 2 - Surrogate Recoveries

Project Name: Nash 42

Work Orders : 401360,

Project ID: SRS# 2010-226

Lab Batch #: 837331

Sample: 592046-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 12/22/10 14:24

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0342	0.0300	114	80-120	
4-Bromofluorobenzene	0.0364	0.0300	121	80-120	*

Lab Batch #: 837331

Sample: 592046-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 12/22/10 14:45

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0319	0.0300	106	80-120	
4-Bromofluorobenzene	0.0308	0.0300	103	80-120	

Lab Batch #: 837331

Sample: 592046-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 12/22/10 15:28

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0249	0.0300	83	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 837331

Sample: 401360-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/23/10 09:08

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0266	0.0300	89	80-120	
4-Bromofluorobenzene	0.0336	0.0300	112	80-120	

Lab Batch #: 837331

Sample: 401360-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/23/10 09:29

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0271	0.0300	90	80-120	
4-Bromofluorobenzene	0.0341	0.0300	114	80-120	

\* Surrogate outside of Laboratory QC limits

\*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] =  $100 * A / B$

All results are based on MDL and validated for QC purposes.



## Form 2 - Surrogate Recoveries

Project Name: Nash 42

Work Orders : 401360,

Project ID: SRS# 2010-226

Lab Batch #: 837331

Sample: 400678-002 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/23/10 09:50

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0320	0.0300	107	80-120	
4-Bromofluorobenzene	0.0334	0.0300	111	80-120	

Lab Batch #: 837331

Sample: 400678-002 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/23/10 10:11

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0296	0.0300	99	80-120	

Lab Batch #: 837062

Sample: 591885-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 12/22/10 04:49

### SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	76.7	100	77	70-135	
o-Terphenyl	42.4	50.1	85	70-135	

Lab Batch #: 837062

Sample: 591885-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 12/22/10 05:09

### SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	77.7	101	77	70-135	
o-Terphenyl	38.6	50.3	77	70-135	

Lab Batch #: 837062

Sample: 591885-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 12/22/10 05:26

### SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	77.7	99.5	78	70-135	
o-Terphenyl	40.7	49.8	82	70-135	

\* Surrogate outside of Laboratory QC limits

\*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] =  $100 * A / B$

All results are based on MDL and validated for QC purposes.



## Form 2 - Surrogate Recoveries

Project Name: Nash 42

Work Orders : 401360,

Project ID: SRS# 2010-226

Lab Batch #: 837062

Sample: 401360-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/22/10 07:19

### SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	80.4	99.6	81	70-135	
o-Terphenyl	42.9	49.8	86	70-135	

Lab Batch #: 837062

Sample: 401360-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/22/10 07:38

### SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	78.8	100	79	70-135	
o-Terphenyl	41.4	50.1	83	70-135	

Lab Batch #: 837062

Sample: 401025-005 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/22/10 07:57

### SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	76.1	99.6	76	70-135	
o-Terphenyl	36.4	49.8	73	70-135	

Lab Batch #: 837062

Sample: 401025-005 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 12/22/10 08:16

### SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	75.4	100	75	70-135	
o-Terphenyl	35.2	50.1	70	70-135	

\* Surrogate outside of Laboratory QC limits

\*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] =  $100 * A / B$

All results are based on MDL and validated for QC purposes.





## BS / BSD Recoveries



Project Name: Nash 42

Work Order #: 401360

Analyst: ASA

Date Prepared: 12/22/2010

Project ID: SRS# 2010-226

Date Analyzed: 12/22/2010

Lab Batch ID: 837331

Sample: 592046-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

### BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Benzene	ND	0.1000	0.1024	102	0.1	0.0865	87	17	70-130	35	
Toluene	ND	0.1000	0.1100	110	0.1	0.0936	94	16	70-130	35	
Ethylbenzene	ND	0.1000	0.1123	112	0.1	0.0946	95	17	71-129	35	
m_p-Xylenes	ND	0.2000	0.2258	113	0.2	0.1910	96	17	70-135	35	
o-Xylene	ND	0.1000	0.1229	123	0.1	0.1024	102	18	71-133	35	

Analyst: LATCOR

Date Prepared: 12/21/2010

Date Analyzed: 12/21/2010

Lab Batch ID: 837047

Sample: 837047-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

### BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions In Soil by E300	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Chloride	ND	10.0	8.94	89	10	9.05	91	1	75-125	20	

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



## BS / BSD Recoveries



Project Name: Nash 42

Work Order #: 401360

Analyst: BEV

Date Prepared: 12/21/2010

Project ID: SRS# 2010-226

Date Analyzed: 12/22/2010

Lab Batch ID: 837062

Sample: 591885-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

### BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
C6-C12 Gasoline Range Hydrocarbons	ND	1000	968	97	1010	983	97	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	896	90	1010	932	92	4	70-135	35	

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: Nash 42

Work Order #: 401360

Lab Batch #: 837047

Date Analyzed: 12/21/2010

QC- Sample ID: 401288-004 S

Date Prepared: 12/21/2010

Project ID: SRS# 2010-226

Analyst: LATCOR

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

### MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300  Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	17.6	107	114	90	75-125	

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

BRL - Below Reporting Limit



## Form 3 - MS / MSD Recoveries



Project Name: Nash 42

Work Order #: 401360

Project ID: SRS# 2010-226

Lab Batch ID: 837331

QC- Sample ID: 400678-002 S

Batch #: 1 Matrix: Soil

Date Analyzed: 12/23/2010

Date Prepared: 12/22/2010

Analyst: ASA

Reporting Units: mg/kg

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1032	0.0720	70	0.1036	0.0718	69	0	70-130	35	X
Toluene	ND	0.1032	0.0734	71	0.1036	0.0719	69	2	70-130	35	X
Ethylbenzene	ND	0.1032	0.0567	55	0.1036	0.0577	56	2	71-129	35	X
m_p-Xylenes	ND	0.2064	0.1418	69	0.2073	0.1431	69	1	70-135	35	X
o-Xylene	ND	0.1032	0.0756	73	0.1036	0.0771	74	2	71-133	35	

Lab Batch ID: 837062

QC- Sample ID: 401025-005 S

Batch #: 1 Matrix: Soil

Date Analyzed: 12/22/2010

Date Prepared: 12/21/2010

Analyst: BEV

Reporting Units: mg/kg

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1020	961	94	1020	976	96	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1020	766	75	1020	765	75	0	70-135	35	

Matrix Spike Percent Recovery  $[D] = 100 \cdot (C-A)/B$   
Relative Percent Difference  $RPD = 200 \cdot |(C-F)/(C+F)|$

Matrix Spike Duplicate Percent Recovery  $[G] = 100 \cdot (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable  
N = See Narrative, EQL = Estimated Quantitation Limit



## Sample Duplicate Recovery



**Project Name: Nash 42**

**Work Order #: 401360**

**Lab Batch #: 837047**

**Date Analyzed: 12/21/2010 11:11**

**Date Prepared: 12/21/2010**

**Project ID: SRS# 2010-226**

**Analyst: LATCOR**

**QC- Sample ID: 401288-004 D**

**Batch #: 1**

**Matrix: Soil**

**Reporting Units: mg/kg**

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Inorganic Anions In Soil by E300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	17.6	17.3	2	20	

**Lab Batch #: 837030**

**Date Analyzed: 12/21/2010 17:00**

**Date Prepared: 12/21/2010**

**Analyst: WRU**

**QC- Sample ID: 401283-001 D**

**Batch #: 1**

**Matrix: Soil**

**Reporting Units: %**

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	14.0	13.5	4	20	

Spike Relative Difference RPD  $200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

# Xenco Laboratories

The Environmental Lab of Texas

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12800 West I-20 East  
Odessa, Texas 79765

Phone: 432-563-1800  
Fax: 432-563-1713

Project Manager:

Camille Bryant

Company Name

Nova Safety & Environmental

Company Address:

2307 Commerce

City/State/Zip:

Midland, TX

Telephone No:

(575) 605-7210

Fax No:

Sampler Signature:

Camille Bryant

e-mail:

cbryant@nova-training.cc

Project Name:

Task 42

Project #:

Project Loc:

Eddy Co, NM

PO #:

J. Henry

Report Format:

☒ Standard

☐ TRRP

☐ NPDES

(lab use only)

ORDER #:

401360

ORDER #:		401360																													
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers										Matrix													
								Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> SO <sub>3</sub>	None	Other (Specify)	DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Portable Specify Other	TPH: 418.1 (8015M) 8015B	TPH: TX 1005 TX 1008	Cations (Ca, Mg, Na, K)	Anions (Cl, SO <sub>4</sub> , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 80218/5030 or BTEX 8260	RCI	N.O.R.M.	Chloride 2300	RUSH TAT (pre-schedule) 24, 48,	Standard TAT	
01	East Floor c 1'			12/21/10	0730		1	X								S	X								X						X
02	West Floor c 1'				0735		1	X								S	X								X						X
03	Background				0745		1	X								S	X														X

Special Instructions:

Relinquished by:

Relinquished by:

Relinquished by:

Date

Time

Received by:

Date

Time

Date

Time

Received by:

Date

Time

Date

Time

Received by ELOT:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Custody seals on cooler(s)

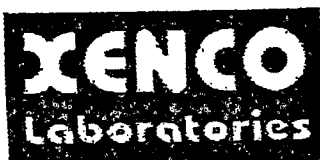
Sample Hand Delivered

by Sampler/Client Rep. ?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

401360  
407 gkss  
4.6 °C



**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

### Prelogin / Nonconformance Report - Sample Log-In

Client: Nova / Plains  
Date/Time: 12.21.10 11.30  
Lab ID #: 401360  
Initials: AE

#### Sample Receipt Checklist

1. Samples on ice?	Blue	Water	No	
2. Shipping container in good condition?	Yes	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	N/A	
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	N/A	
17. VOC sample have zero head space?	Yes	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs 4.6 °C	lbs °C	lbs °C	lbs °C	lbs °C

#### Nonconformance Documentation

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

Check 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

**Andrea Lam**

---

**From:** "Camille Bryant" <cbryant@novatraining.cc>  
**To:** "Andrea Lam" <andrea.lam@xenco.com>  
**Sent:** Tuesday, December 21, 2010 3:31 PM  
**Subject:** RE: Nash 42

Andrea,

In addition to the BTEX and TPH analysis, please conduct chloride analysis on the soil samples 001 (East Floor @ 1') and 002 (West Floor @ 1'). SRS# 2010-226 will need to be included on the report.

Thanks so much!

Camille

**From:** Andrea Lam [mailto:andrea.lam@xenco.com]  
**Sent:** Tuesday, December 21, 2010 3:22 PM  
**To:** cbryant@novatraining.cc  
**Subject:** Fw: Nash 42

----- Original Message -----

**From:** Andrea Lam  
**To:** cbryant@novatraining.cc  
**Sent:** Tuesday, December 21, 2010 2:02 PM  
**Subject:** Nash 42

Camille,

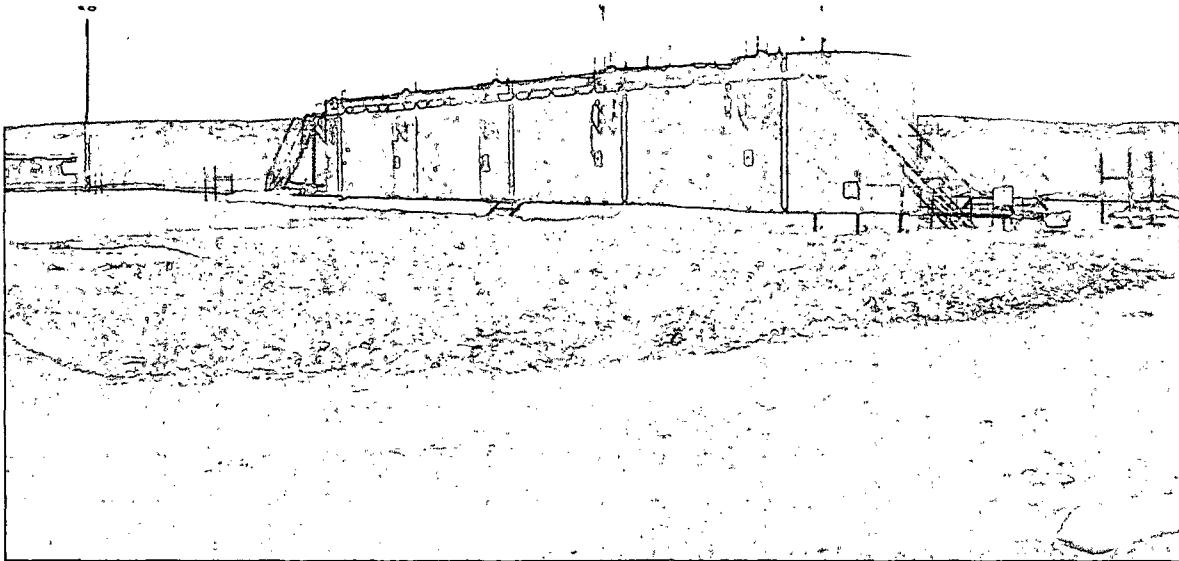
*I would like to confirm our conversation that you need Chloride also on sample -001(East Floor @ 1") and -002(West Floor @ 1")*

Thank You,  
Andrea Lam  
Sample Receiving / Project Assistant

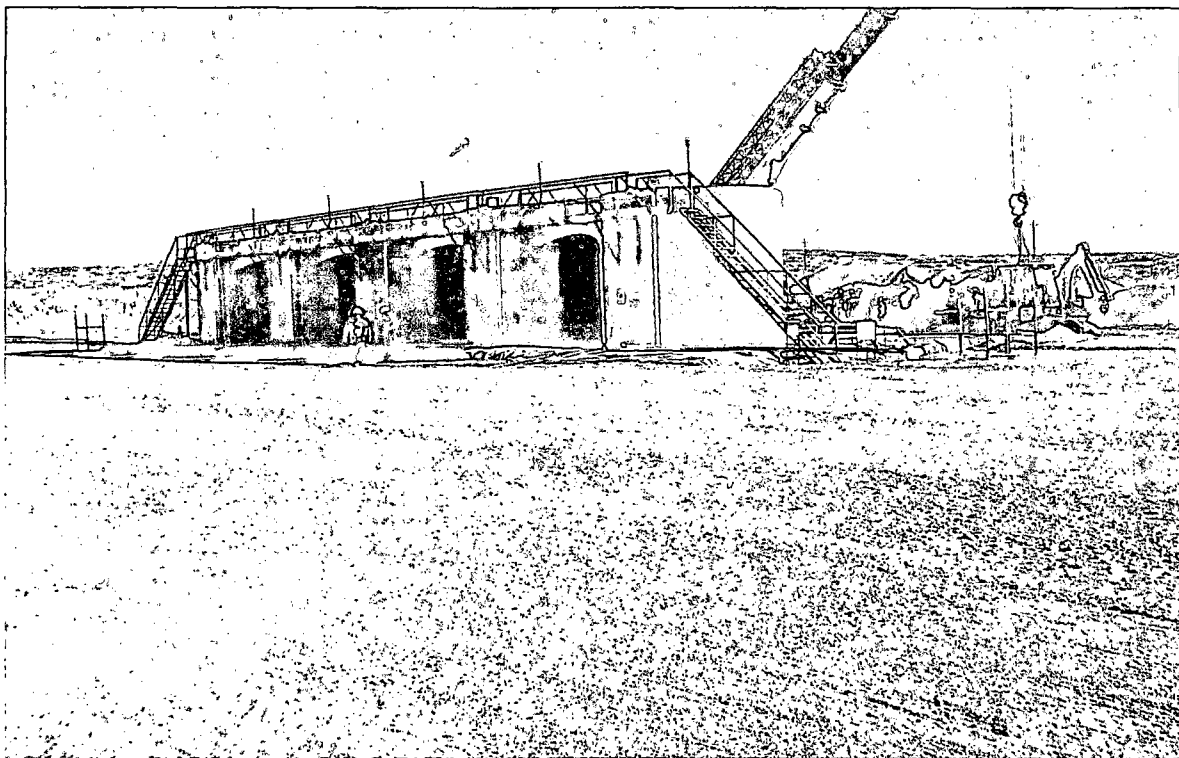
Environmental Lab of Texas  
A Xenco Company  
12600 W I-20 E  
Odessa, TX 79765  
432-563-1800

12/21/2010





XTO Nash 42 Release Site during excavation activities



XTO Nash 42 Release Site on completion of remediation activities

**APPENDIX C:**  
**Form C-141**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

### Release Notification and Corrective Action

#### OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Plains Marketing, LP	Contact	Jason Henry
Address	214 W CR 61, Hobbs, NM 88242	Telephone No.	(575) 441-1099
Facility Name	XTO Nash 42	Facility Type	Tank Battery
Surface Owner	XTO	Mineral Owner	
		Lease No.	

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	18	23S	30E					Eddy

Latitude N 32.28972220° Longitude W 103.92805560°

#### NATURE OF RELEASE

Type of Release	Crude Oil	Volume of Release	10 bbls	Volume Recovered	0 bbls
Source of Release	Trucking	Date and Hour of Occurrence	12/20/2010 @ 11:25	Date and Hour of Discovery	12/20/2010 @ 11:25
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Verbal notification to Mike Bratcher		
By Whom?	Jason Henry	Date and Hour	12/21/2010 @ 14:30		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

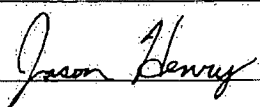
This release occurred at an XTO tank battery. During the process of loading oil in a trailer, the Plains driver encountered problems with the spill stop mechanism. While the driver was troubleshooting the problem, the trailer overfilled with oil. The impacted caliche was excavated and transported off-site for disposal at an NMOCD approved facility.

Describe Area Affected and Cleanup Action Taken.\*

The impacted caliche was excavated and transported off-site for disposal at an NMOCD approved facility. Confirmation samples were collected from the excavated area and then the excavated area was backfilled with clean caliche purchased from an off-site source.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

#### OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor:		
Printed Name: Jason Henry			
Title: Remediation Coordinator	Approval Date:	Expiration Date:	
E-mail Address: jhenry@paalp.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 01/05/2011	Phone: (575) 441-1099		

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company	Plains Marketing, LP	Contact	Jason Henry
Address	214 W CR 61, Hobbs, NM 88242	Telephone No.	(575) 441-1099
Facility Name	XTO Nash 42	Facility Type	Tank Battery
Surface Owner	XTO	Mineral Owner	
		Lease No.	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	18	23S	30E					Eddy

Latitude N 32.28972220° Longitude W 103.92805560°

**NATURE OF RELEASE**

Type of Release	Crude Oil	Volume of Release	10 bbls	Volume Recovered	0 bbls
Source of Release	Trucking	Date and Hour of Occurrence	12/20/2010 @ 11:25	Date and Hour of Discovery	12/20/2010 @ 11:25
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required				
By Whom?	Jason Henry	If YES, To Whom?	Verbal notification to Mike Bratcher		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Date and Hour	12/21/2010 @ 14:30	
			If YES, Volume Impacting the Watercourse.		

If a Watercourse was Impacted, Describe Fully.\*

RECEIVED

MAY 19 2011

Describe Cause of Problem and Remedial Action Taken.\*

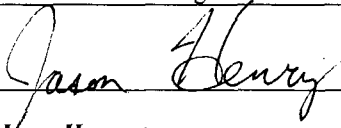
NMOCD ARTESIA

This release occurred at an XTO tank battery. During the process of loading oil in a trailer, the Plains driver encountered problems with the spill stop mechanism. While the driver was troubleshooting the problem, the trailer overfilled with oil. The impacted caliche was excavated and transported off-site for disposal at an NMOCD approved facility.

Describe Area Affected and Cleanup Action Taken.\*

The impacted caliche was excavated and transported off-site for disposal at an NMOCD approved facility. Confirmation samples were collected from the excavated area and then the excavated area was backfilled with clean caliche purchased from an off-site source. Please see the attached Nova Safety & Environmental Remediation Summary and Site Closure Request for details of remedial activities conducted at the site.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Jason Henry	Approved by District Supervisor:		
Title: Remediation Coordinator	Approval Date:	Expiration Date:	
E-mail Address: jhenry@paalp.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 01/27/2011	Phone: (575) 441-1099		

\* Attach Additional Sheets If Necessary