

GW - 351

Landfarm
**MONITORING
REPORTS**

DATE:
2010



**PLAINS
MARKETING, L.P.**

RECEIVED OCD

2011 APR -1 A 12: 51

March 30, 2011

Mr. Edward Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Marketing, L.P. – 2010 Annual Report
Lea Station Landfarm – Discharge Permit #GW-351
Lea County, New Mexico

Dear Mr. Hansen:

Enclosed for your review is a copy of the 2010 Annual Report for the following Plains Marketing, L.P. facility:

Lea Station Landfarm GW-351 Section 28, T20S, R37E, Lea County

Basin Environmental Service Technologies, LLC (Basin) prepared this document and has vouched for its accuracy and completeness, and on behalf of Plains Marketing, L.P., I have personally reviewed this document and interviewed Basin personnel in order to verify the accuracy and completeness of this document. It is based upon these inquiries and reviews that Plains Marketing, L.P. submits the enclosed Annual Report for the above facility.

If you have any questions or require further information, please contact me at (575) 441-1099.

Sincerely,

Jason Henry
Remediation Coordinator
Plains Marketing, L.P.

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

Basin Environmental Service Technologies, LLC

3100 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260
bjarguijo@basinenv.com
Office: (575) 396-2378

Fax: (575) 396-1429



March 2011

Mr. Brad Jones
New Mexico Energy, Minerals and Natural Resources Department
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RECEIVED

APR - 1 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Annual Report – 2010
Plains Marketing, LP (231735)
Lea Station Landfarm – Discharge Permit #GW-351 (Plains Ref. # 2004-00061)
W ½ of the NW ¼ of Section 28, Township 20 South, Range 37 East
Lea County, New Mexico

Dear Mr. Jones:

Basin Environmental Service Technologies, LLC (Basin), at the request of Plains Marketing, LP (Plains), assumed maintenance and reporting responsibilities for the Lea Station Landfarm in October 2007. Basin, on behalf of Plains, is submitting the *2010 Annual Report* for the Lea Station Landfarm. The Lea Station Landfarm is operated and maintained in accordance with New Mexico Oil Conservation Division (NMOCD), Natural Resources and Wildlife, Oil and Gas Surface Waste Management Facilities (Title 19, Chapter 15, Part 36). The Landfarm is operated by Plains as a “centralized” facility for Plains use only. A surveyor’s plat of the Lea Station Landfarm is provided as Figure 1.

DISPOSAL VOLUME

Receipt of impacted soil began in January 2004. As of December 31, 2010, a total of approximately 109,705 cubic yards (cy) of hydrocarbon-impacted soil from within the Plains crude oil transportation system have been emplaced in Cell A through Cell H. Approximately 6,736 cy of impacted soil was transported to the landfarm during the 2010 reporting period. Approximately 1,584 cy of remediated soil was transported from the landfarm for use as backfill material at Plains remediation sites during the reporting period.

MAINTENANCE

Within 72-hours of being delivered to the landfarm, soil stockpiles were pushed down and contoured into a treatment lift. Mechanical plowing of the soil contained in the treatment cells occurred every two weeks.

TREATMENT ZONE MONITORING

On June 7, 2010, Basin collected three (3) to five (5) four-point composite soil samples from the treatment zone of Cells A through H, with the exception of Cell C, whose soil had been removed and transported to a staging area for use as backfill material during the 2009 reporting period. The soil samples were submitted to Xenco Laboratories in Odessa, Texas, and analyzed for concentrations of Total Petroleum Hydrocarbons (TPH) and chloride, using EPA methods SW-846 8015M and 300, respectively. Laboratory analytical results indicated TPH concentrations ranged from 160 mg/Kg for soil sample Cell A TZ G-4 to 3,225 mg/Kg for soil sample Cell H TZ G-2. Chloride concentrations ranged from 5.17 mg/Kg for soil sample Cell G TZ G-5 to 79.8 mg/Kg for soil sample Cell F TZ G-1. Please reference Table 1, "Concentrations of TPH & Chloride in the Treatment Zone", for additional information.

On November 1, 2010, Basin collected three (3) to five (5) four-point composite soil samples from the treatment zones of Cells A through H, with the exception of Cell C. The soil samples were submitted to Xenco Laboratories and analyzed for concentrations of TPH and chloride. Laboratory analytical results indicated TPH concentrations ranged from 151 mg/Kg for soil sample TZ Cell A G-4 to 3,653 mg/Kg for soil sample TZ Cell H G-1. Chloride concentrations ranged from less than the laboratory Method Detection Limit (MDL) for soil samples TZ Cell A G-5, TZ Cell B G-1, TZ Cell B G-2, TZ Cell B G-4, TZ Cell D G-4, TZ Cell D G-5, TZ Cell E G-1 through G-3, TZ Cell F G-5, TZ Cell G G-1, and TZ Cell G G-5 to 166 mg/Kg for soil sample TZ Cell H G-3.

The locations of soil samples collected in treatment Cells A through H during the June and November 2010 sampling events are depicted in Figures 2 through 9.

VADOSE ZONE MONITORING

A single soil sample was collected on January 16, 2004, from the vadose zone in an undisturbed location within the Landfarm area to establish background concentrations of NMOCD constituents of concern (COCs) as listed below:

- Total petroleum hydrocarbons (TPH);
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX);
- Anions and cations; and
- Resource Conservation and Recovery Act (RCRA) metals, including arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver

Laboratory analytical results of the background samples indicated TPH was not detected at or above the laboratory MDL. Anions, cations, and RCRA metal concentrations of background samples were typical of native, undisturbed soil. Please reference Table 2, "Historic Concentrations of Hydrocarbons, Chlorides, Sulfates & Alkalinity in the Vadose Zone", and Table 3, "Historic Concentrations of Metals in the Vadose Zone", for additional information.

On June 9 and 10, 2010, Basin collected two (2) to five (5) grab soil samples from the vadose zones of Cells A through H at a depth of approximately three (3) to four (4) feet below ground surface (bgs) to determine the extent of impact (if any) to the underlying soil. The soil samples were submitted to Xenco Laboratories and analyzed for constituent concentrations of BTEX using EPA Method SW-846 8021b, TPH using EPA Method SW-846 8015M, and chloride using EPA Method 300. Laboratory analytical results indicated benzene, BTEX, and TPH concentrations were less than the appropriate laboratory MDL for all soil samples submitted. Chloride concentrations ranged from less than the laboratory MDL for soil samples Cell A VZ G-4, Cell C VZ G-1, Cell C VZ G-2, Cell C VZ G-4, Cell D VZ G-1, Cell D VZ G-3,

Cell E VZ G-1, Cell E VZ G-2, Cell F VZ G-1 through G-3, Cell H VZ G-2, and Cell H VZ G-3 and 22.7 mg/Kg for soil sample Cell D VZ G-5. Please reference Table 4, "2010 Concentrations of Benzene, BTEX, TPH & Chloride in the Vadose Zone", for additional information.

On November 2, 2010, Basin collected two (2) to five (5) grab soil samples from the vadose zones of Cells A through H at a depth of approximately three (3) to four (4) feet bgs. The soil samples were submitted to Xenco Laboratories and analyzed for constituent concentrations of BTEX, TPH, and chloride. Laboratory analytical results indicated benzene, BTEX, and TPH concentrations were below the laboratory MDL for all soil samples submitted. Chloride concentrations ranged from less than the laboratory MDL for soil samples VZ Cell A G-1, VZ Cell A G-3 through G-5, VZ Cell B G-2 through G-5, VZ Cell C G-1 through G-5, VZ Cell D G-1, VZ Cell E G-1 through G-4, VZ Cell F G-3, VZ Cell F G-5, VZ Cell G G-2, VZ Cell G G-3, VZ Cell G G-5, VZ Cell H G-2, and VZ Cell H G-3 to 145 mg/Kg for soil sample VZ Cell B G-1.

Per NMOCD request, three additional soil samples were collected from the vadose zone of Cell G in the area of Grids 1, 3, and 4 at a depth of approximately four (4) to five (5) feet bgs to determine the extent of chloride impact (if any) to the underlying soil. Laboratory analytical results indicated chloride concentrations ranged from 33.6 mg/Kg for soil sample VZ Cell G G-1 @ 4'-5' to 69.9 mg/Kg for soil sample VZ Cell G G-4 @ 4'-5'.

The locations of soil samples collected in the vadose zone from treatment cells A through H during the June and November 2010 sampling events are depicted in Figures 2 through 9.

CONCLUSIONS

Laboratory analytical results of vadose zone soil samples indicated soil beneath the Lea Station Landfarm has not been significantly affected above background levels established prior to the construction of the landfarm treatment cells.

Laboratory analytical results indicated hydrocarbon-impacted soil placed in the treatment cells is naturally attenuating within the lifts. Laboratory analytical results from soil samples collected on November 1, 2010, indicated soil samples TZ Cell A G-4, TZ Cell A G-5, TZ Cell B G-3, TZ Cell B G-4, TZ Cell D G-1, TZ Cell D G-5, TZ Cell E G-1 through G-3, TZ Cell F G-1, TZ Cell F G-4, and TZ Cell F G-5 contained TPH concentrations below NMOCD remedial goals of 500 mg/Kg.

RECOMMENDATIONS

Based on analytical results of soil samples collected from Cell E, Plains requests NMOCD approval to transport the remediated soil from the cell to a staging area located within the landfarm facility. The remediated soil will be used as backfill material at Plains remediation sites in the future.

Bi-monthly plowing of the treatment zones will continue throughout the 2011 reporting period. Soil samples from the vadose and treatment zones will be collected and submitted to the laboratory for determination of constituent concentrations on a biannual schedule. Vadose zone soil samples will be analyzed using EPA methods SW-846 8021b (BTEX), SW-846 8015M (TPH), and 300 (chloride). Treatment zone soil samples will be analyzed using EPA methods SW-846 8015M (TPH) and 300 (chloride). An Annual Report will be submitted in 2012, documenting the results of the 2011 treatment cell and vadose zone sampling events.

Should you have any questions or concerns, please contact me at (575) 396-2378 or Jason Henry at (575) 441-1099.

Respectfully,

Ben J. Arguijo
Basin Environmental Service Technologies, LLC

Cc: Ed Hansen, NMOCD-Santa Fe, New Mexico (edwardj.hansen@state.nm.us)
Jeff Dann, Plains Marketing-Houston, Texas (jpdann@paalp.com)
Jason Henry, Plains Marketing-Lovington, New Mexico (jhenry@paalp.com)

Enclosures:

Figures

Figure 1: Lea Station Landfarm Survey map
Figure 2: Cell "A" Soil Sample Location Map – June and November 2010
Figure 3: Cell "B" Soil Sample Location Map – June and November 2010
Figure 4: Cell "C" Soil Sample Location Map – June and November 2010
Figure 5: Cell "D" Soil Sample Location Map – June and November 2010
Figure 6: Cell "E" Soil Sample Location Map – June and November 2010
Figure 7: Cell "F" Soil Sample Location Map – June and November 2010
Figure 8: Cell "G" Soil Sample Location Map – June and November 2010
Figure 9: Cell "H" Soil Sample Location Map – June and November 2010

Tables

Table 1: 2010 Concentrations of TPH & Chlorides in the Treatment Zone.
Table 2: Historic Concentrations of Hydrocarbons, Chlorides, Sulfates & Alkalinity in the Vadose Zone.
Table 3: Historic Concentrations of Metals in the Vadose Zone
Table 4: 2010 Concentrations of Benzene, BTEX, TPH & Chloride in the Vadose Zone

Photographs

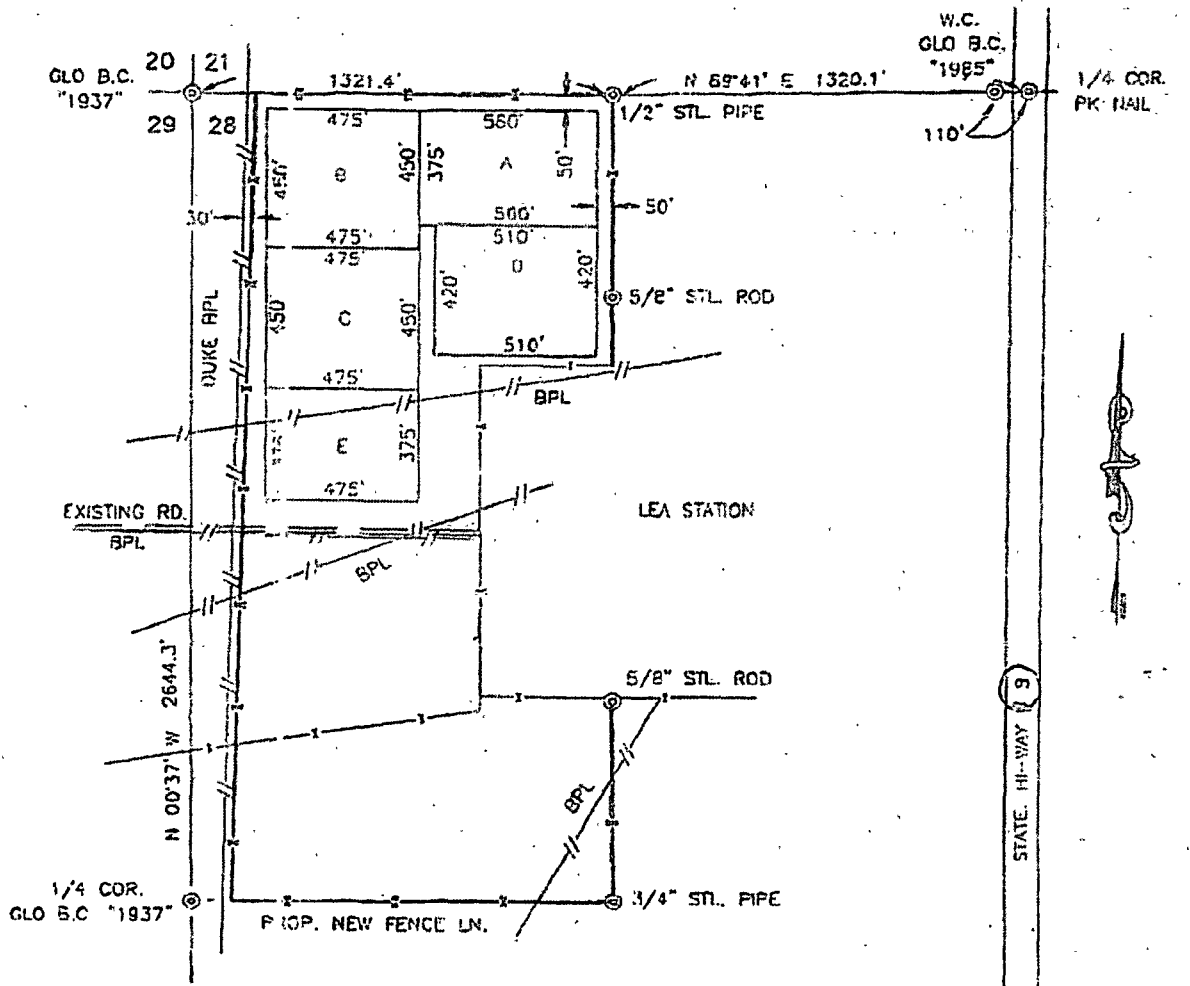
Laboratory Analytical Reports

LIMITATIONS

Basin Environmental Service Technologies, LLC has prepared this 2010 Lea Station Landfarm Annual Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Basin has not conducted an independent examination of the facts contained in referenced materials and statements. Basin has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Basin has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin 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, LP. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or Plains Marketing, LP.

Figures



LEGEND

⊙ DENOTES FOUND MONUMENT AS NOTED

— — — — — DENOTES EXISTING FENCE
 - - - - - DENOTES PROPOSED FENCE

NOTE

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

500' 0 500' 1000'
 Scale: 1"=500'

I HEREBY CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

John West
 JOHN G. EIDSON, N.M.P.S.
 JOHN WEST SURVEYING COMPANY

12/11/03

No. 12641

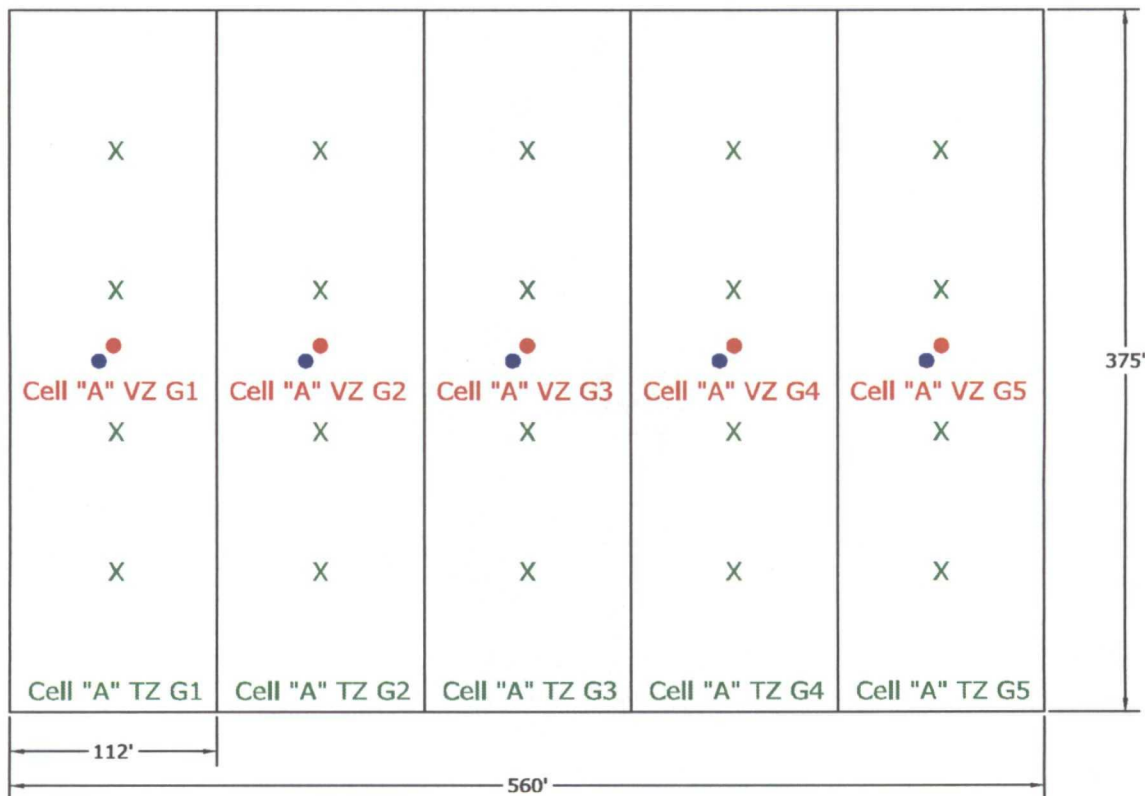
412 N. DAVE PAGO - HOBBS, NEW MEXICO - 505-393-3117

LINK ENERGY PIPELINE LIMITED PARTNERSHIP

SURVEY TO LOCATE PROPERTY CORNERS,
 PROPOSED FENCE LINES AND CELL SITES IN SECTION 28,
 TOWNSHIP 20 SOUTH, RANGE 37 EAST,
 N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 12/04/03	Sheet 1 of 1 Sheets
W.O. Number: 03.11.1325	DRAWN BY: A.W.B.
Date: 12/05/03	DISK: 10
LOTS & LAND, Scale: 1"=500'	

Figure 1: Lea Station Landfarm Survey Map



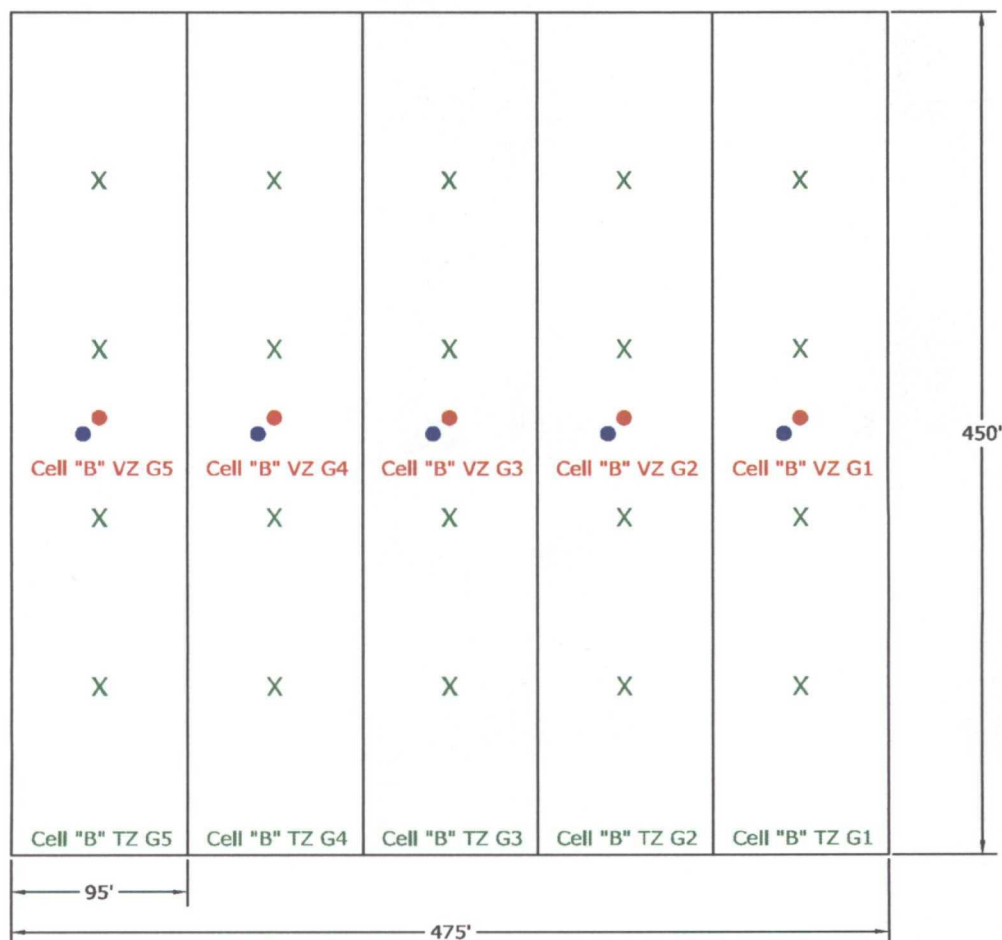
LEGEND:

- X 4-Point Composite Treatment Cell
- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 2
Cell "A" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		



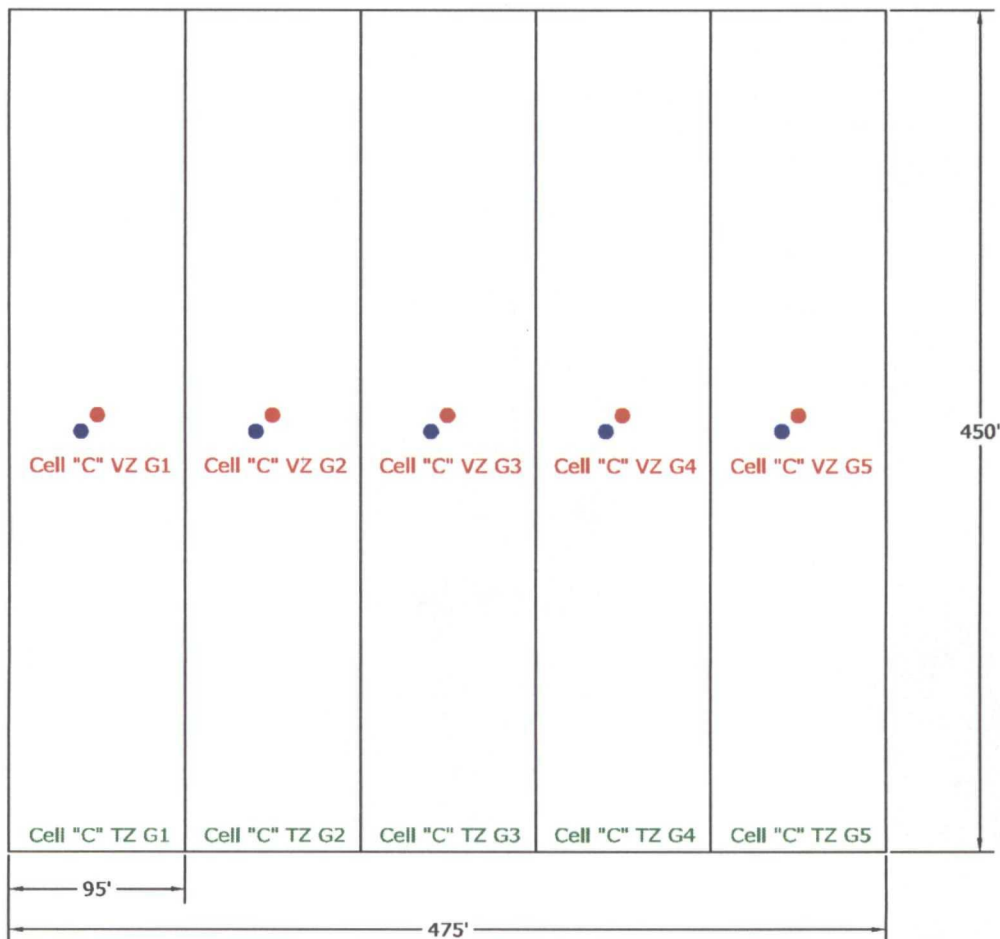
LEGEND:

- X 4-Point Composite Treatment Cell Soil Sample Location
- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 3
Cell "B" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		



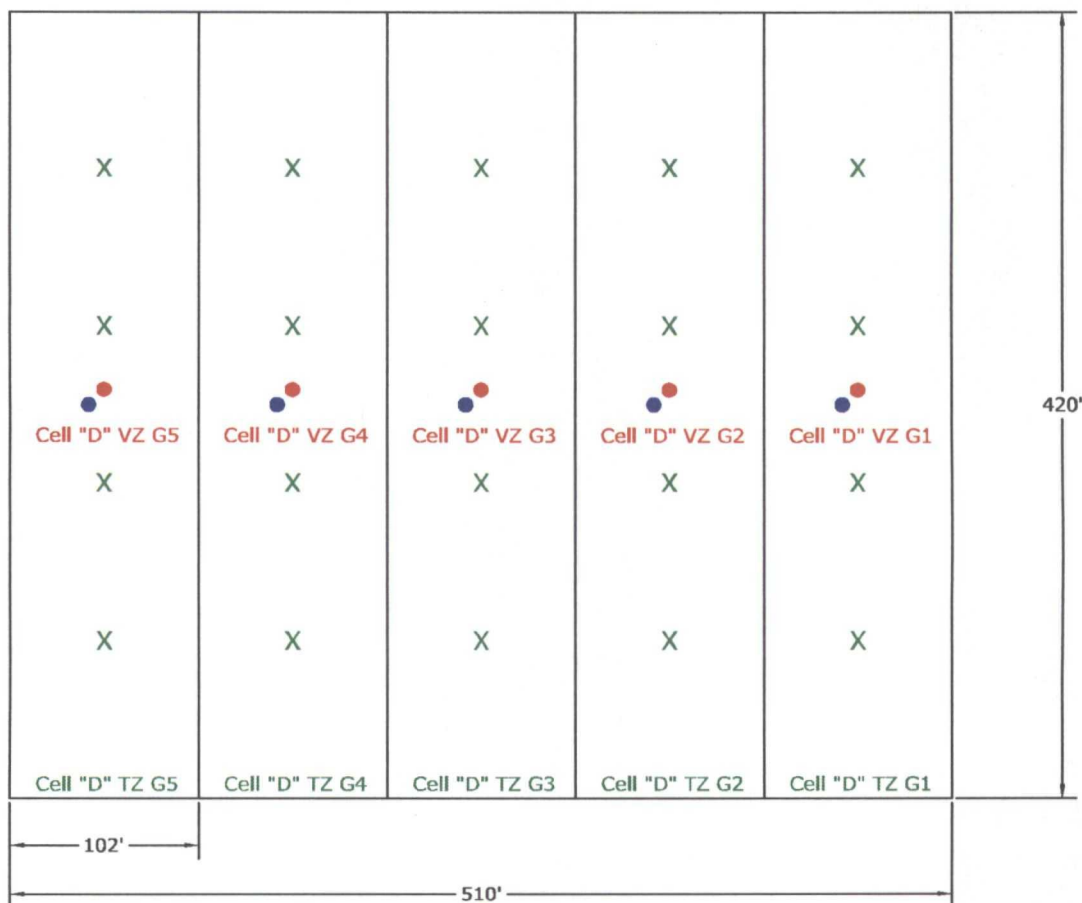
LEGEND:

- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 4
Cell "C" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		



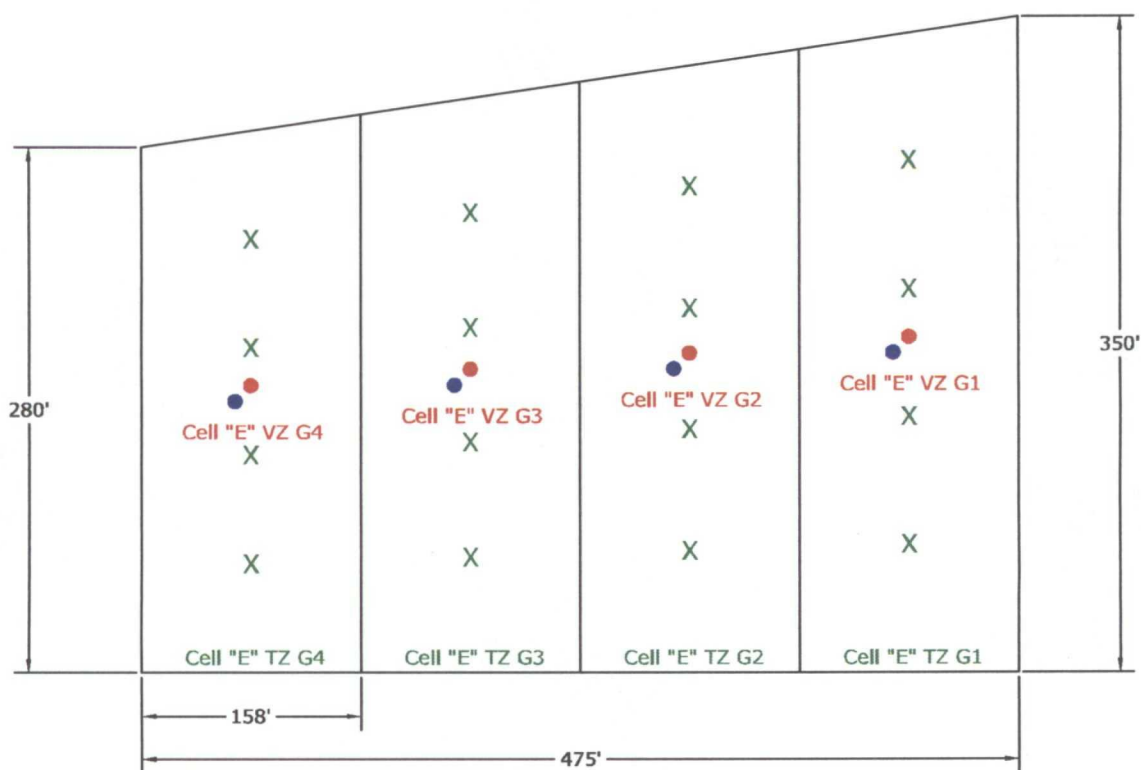
LEGEND:

- X 4-Point Composite Treatment Cell
- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 5
Cell "D" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		



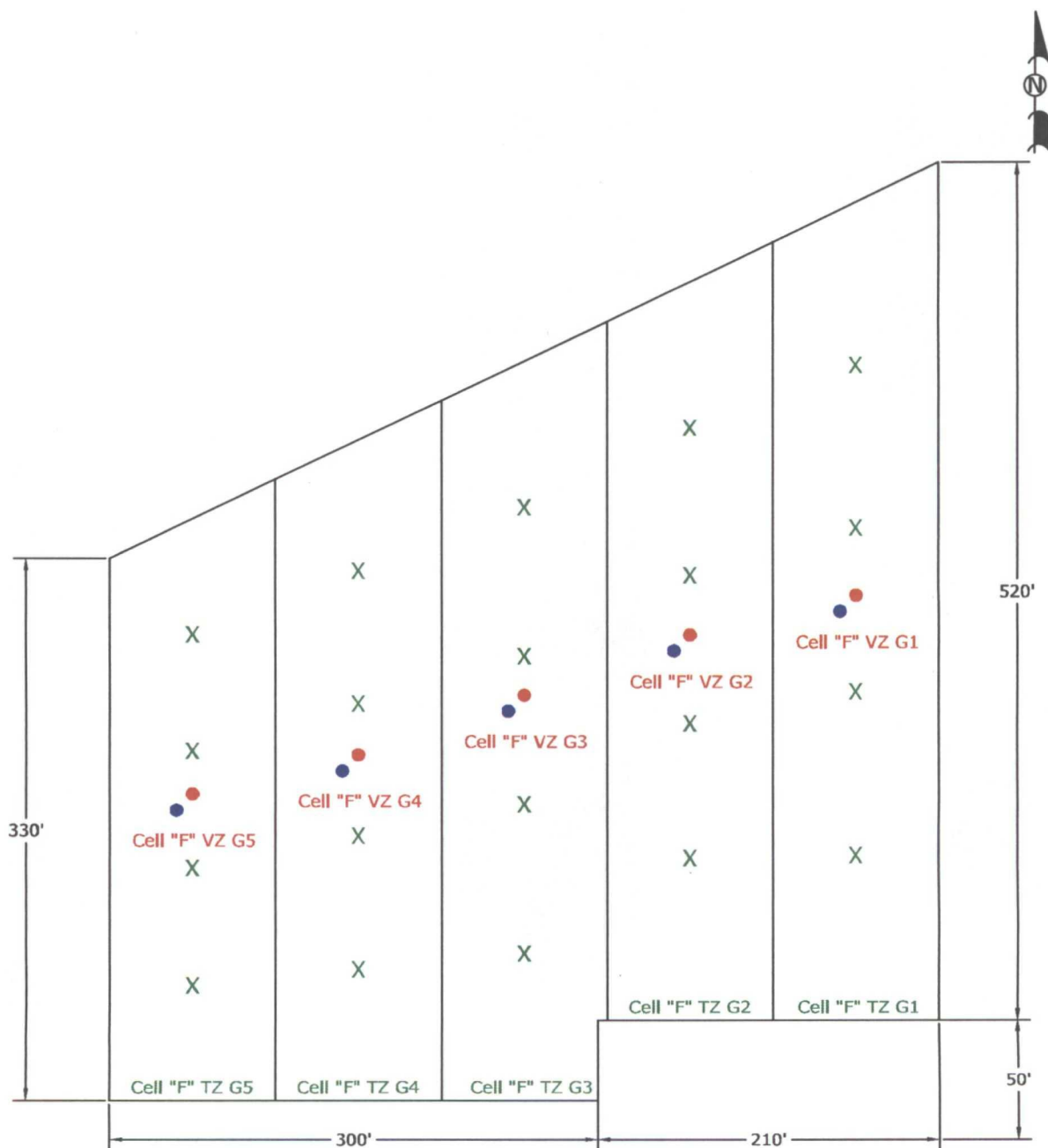
LEGEND:

- X 4-Point Composite Treatment Cell Soil Sample Location
- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 6
Cell "E" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		



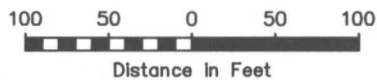
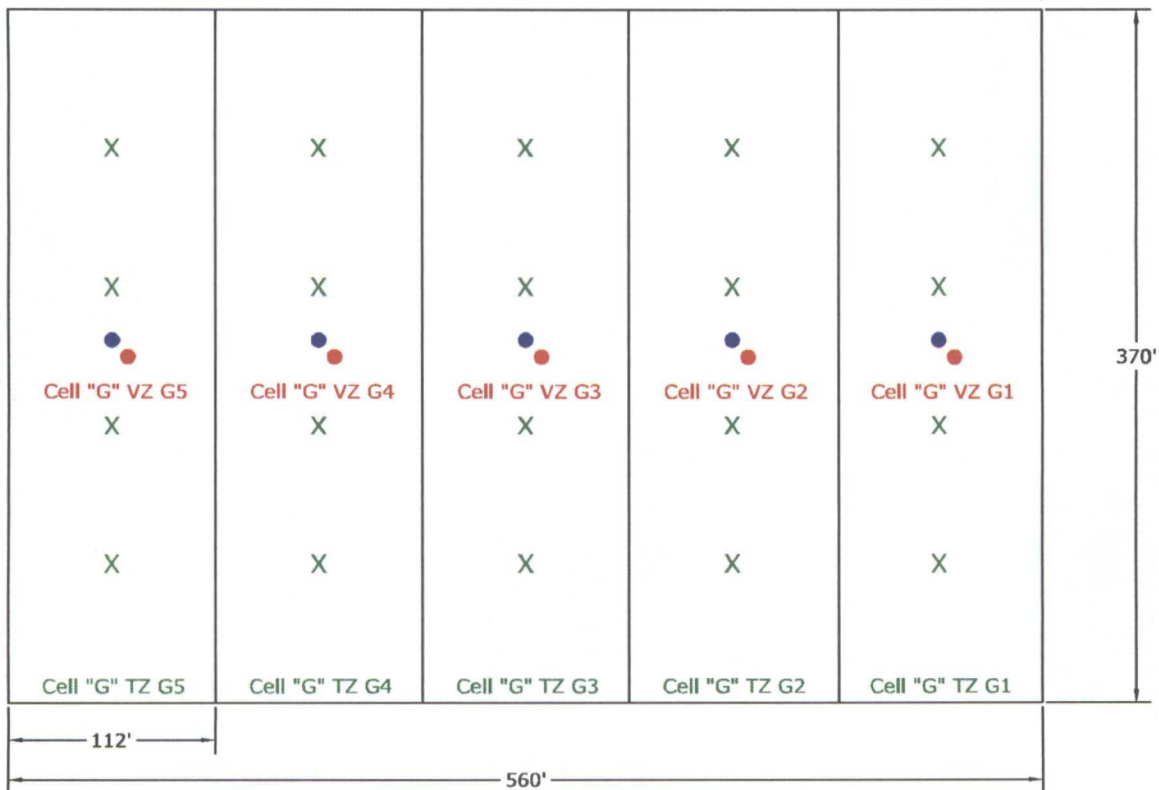
LEGEND:

- X 4-Point Composite Treatment Cell Soil Sample Location
- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 7
Cell "F" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		



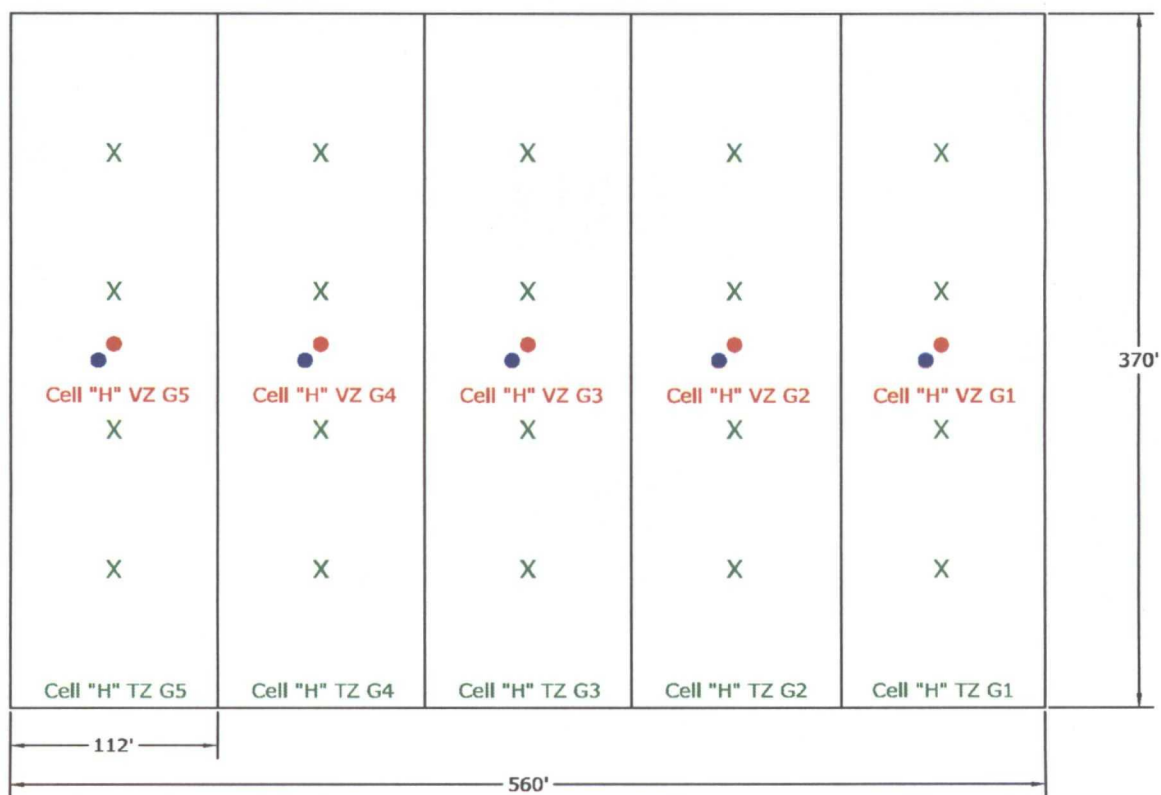
LEGEND:

- X 4-Point Composite Treatment Cell
- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 8
Cell "G" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		



LEGEND:

- X 4-Point Composite Treatment Cell
- Vadose Zone Soil Sample Location (June)
- Vadose Zone Soil Sample Location (Nov.)

Figure 9
Cell "H" Soil Sample Location Map
June and November 2010
Plains Marketing, L.P.
Lea Station Landfarm
Lea County, NM
SRS-2004-00061
NMOCD #GW-351

Basin Environmental Service Technologies, LLC

Scale: 1" = 100'	Drawn By: BJA	Checked By: BRB
March 7, 2011		
W 1/2 of NW 1/4 of Section 287, Township 20 South, Range 37 E		

Tables

TABLE 1

2010 CONCENTRATIONS OF TPH & CHLORIDE IN THE TREATMENT ZONE

PLAINS MARKETING, L.P.
LEA STATION LAND FARM
LEA COUNTY, NEW MEXICO
PLAINS SRS: 2004-00061
NMOCD #GW-351

SAMPLE LOCATION	SAMPLE DEPTH (bgs)	SAMPLE DATE	METHOD: 8015M			TOTAL TPH C ₆ -C ₃₅ (mg/Kg)	EPA 300 Chloride (mg/kg)
			GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)		
Cell A TZ G-1	8"	6/7/2010	<15.4	786	146	932	32.3
Cell A TZ G-2	8"	6/7/2010	<15.6	1200	174	1,374	47.1
Cell A TZ G-3	8"	6/7/2010	<15.4	901	147	1,048	36.5
Cell A TZ G-4	8"	6/7/2010	<15.4	124	35.5	160	11.4
Cell A TZ G-5	8"	6/7/2010	<15.5	428	92.7	521	21.4
Cell B TZ G-1	8"	6/7/2010	<15.4	1430	199	1,629	8.95
Cell B TZ G-2	8"	6/7/2010	<15.6	837	123	960	12.1
Cell B TZ G-3	8"	6/7/2010	<16.0	230	41.7	272	15.5
Cell B TZ G-4	8"	6/7/2010	<15.3	202	47.8	250	17.3
Cell D TZ G-1	8"	6/7/2010	<15.4	707	112	819	35.1
Cell D TZ G-2	8"	6/7/2010	<15.4	685	99.5	785	31.3
Cell D TZ G-3	8"	6/7/2010	<15.4	1230	156	1,386	50.2
Cell D TZ G-4	8"	6/7/2010	<15.3	1230	150	1,380	20.6
Cell D TZ G-5	8"	6/7/2010	<15.2	1260	140	1,400	10.6
Cell E TZ G-1	8"	6/7/2010	<15.4	281	61	342	14.3
Cell E TZ G-2	8"	6/7/2010	<75.9	326	<75.9	326	13.3
Cell E TZ G-3	8"	6/7/2010	<15.2	139	35.4	174	8.12
Cell F TZ G-1	8"	6/7/2010	<15.4	379	40.2	419	79.8
Cell F TZ G-2	8"	6/7/2010	<15.3	864	73.2	937	71.4
Cell F TZ G-3	8"	6/7/2010	<15.4	1020	67.4	1,087	54.7
Cell F TZ G-4	8"	6/7/2010	123	933	204	1,260	22.9
Cell F TZ G-5	8"	6/7/2010	<15.3	605	64.1	669	20.3
Cell G TZ G-1	8"	6/7/2010	25.8	923	82	1,031	8.84
Cell G TZ G-2	8"	6/7/2010	43.2	2070	94.8	2,208	12
Cell G TZ G-3	8"	6/7/2010	23.5	1620	112	1,756	8.95
Cell G TZ G-4	8"	6/7/2010	23.5	1700	102	1,826	14.1
Cell G TZ G-5	8"	6/7/2010	30.8	715	58.7	805	5.17
Cell H TZ G-1	8"	6/7/2010	112	2380	282	2,774	42.5
Cell H TZ G-2	8"	6/7/2010	175	2870	180	3,225	14.2
Cell H TZ G-3	8"	6/7/2010	<15.7	299	53.5	353	8.07
TZ Cell A G-1	8"	11/1/2010	<15.4	615	87.3	702	27.4
TZ Cell A G-2	8"	11/1/2010	<15.5	701	98.6	800	16.6
TZ Cell A G-3	8"	11/1/2010	<15.6	452	70.2	522	14.4
TZ Cell A G-4	8"	11/1/2010	<15.3	124	27.4	151	9.06
TZ Cell A G-5	8"	11/1/2010	<15.3	189	36.6	226	<4.28

TABLE 1

2010 CONCENTRATIONS OF TPH & CHLORIDE IN THE TREATMENT ZONE

PLAINS MARKETING, L.P.
LEA STATION LAND FARM
LEA COUNTY, NEW MEXICO
PLAINS SRS: 2004-00061
NMOCD #GW-351

SAMPLE LOCATION	SAMPLE DEPTH (bgs)	SAMPLE DATE	METHOD: 8015M			TOTAL TPH C ₆ -C ₃₅ (mg/Kg)	EPA 300 Chloride (mg/kg)
			GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)		
TZ Cell B G-1	8"	11/1/2010	<15.8	550	104	654	<4.41
TZ Cell B G-2	8"	11/1/2010	<15.7	485	81.6	567	<4.38
TZ Cell B G-3	8"	11/1/2010	<15.6	146	25.4	171	5.27
TZ Cell B G-4	8"	11/1/2010	<16.1	150	35.5	186	<4.52
TZ Cell D G-1	8"	11/1/2010	<15.3	411	63.2	474	20.4
TZ Cell D G-2	8"	11/1/2010	<15.4	459	72.9	532	51.3
TZ Cell D G-3	8"	11/1/2010	<15.7	601	86.5	688	14.7
TZ Cell D G-4	8"	11/1/2010	18.1	812	124	954	<4.26
TZ Cell D G-5	8"	11/1/2010	<15.2	418	63.6	482	<4.26
TZ Cell E G-1	8"	11/1/2010	<15.4	159	27.2	186	<4.3
TZ Cell E G-2	8"	11/1/2010	<15.1	200	32.3	232	<4.26
TZ Cell E G-3	8"	11/1/2010	<15.4	129	25.7	155	<4.28
TZ Cell F G-1	8"	11/1/2010	<15.3	349	52.4	401	48.7
TZ Cell F G-2	8"	11/1/2010	<15.4	563	66.3	629	132
TZ Cell F G-3	8"	11/1/2010	<15.4	507	40.9	548	30.4
TZ Cell F G-4	8"	11/1/2010	<15.8	373	23	396	43.1
TZ Cell F G-5	8"	11/1/2010	24	194	<15.7	218	<4.37
TZ Cell G G-1	8"	11/1/2010	24	981	33.6	1,039	<4.25
TZ Cell G G-2	8"	11/1/2010	<15.2	3370	98.1	3,468	6.53
TZ Cell G G-3	8"	11/1/2010	19.2	2660	71.6	2,751	11.3
TZ Cell G G-4	8"	11/1/2010	<15.2	2270	63.4	2,333	17.8
TZ Cell G G-5	8"	11/1/2010	24.5	886	23.2	934	<4.24
TZ Cell H G-1	8"	11/1/2010	<76.8	3560	92.6	3,653	116
TZ Cell H G-2	8"	11/1/2010	20.3	2740	71.1	2,831	160
TZ Cell H G-3	8"	11/1/2010	<15.5	695	28.7	724	166

-- = Not analyzed

TABLE 2

HISTORIC CONCENTRATIONS OF HYDROCARBONS, CHLORIDES, SULFATES & ALKALINITY IN THE VADOSE ZONE
 PLAINS MARKETING, L.P.
 LEA STATION LANDFARM
 LEA COUNTY, NEW MEXICO
 PLAINS SRS #2004-00061
 NMOCD #GW-351

Sample ID	Landfarm Cell	Sample Date	PID analyses (ppm)	Sample Depth (feet-bgs)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	m,p-xylene (mg/Kg)	o-xylene (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)	Sulfate (mg/Kg)	Carbonate Alkalinity (mg/Kg)	Bicarbonate Alkalinity (mg/Kg)	Hydroxide Alkalinity (mg/Kg)	Total Alkalinity (mg/Kg)
CESLESLF11604BGS	Background	16-Jan-04	--	3.5-4.0	<0.020	<0.020	<0.020	<0.040	<0.020	<0.040	<5.0	<2.5	<5.0	10.60	<5	<50	<50	--	<50
SPLSLF83104CC-4'	C	31-Aug-04	--	3.5-4.0	<0.020	<0.020	<0.020	<0.040	<0.020	<0.040	<5.0	<2.5	<5.0	--	--	--	--	--	--
SPLSLF83104CE-4'	E	31-Aug-04	--	3.5-4.0	<0.020	<0.020	<0.020	<0.040	<0.020	<0.040	<5.0	<2.5	<5.0	--	--	--	--	--	--
Cell B Treatment Zone	B	28-Oct-05	0.80	3.5-4.0	<0.025	0.0159 ^A	0.0273	0.0896	0.0190 ^A	0.30	<10.0	<10.0	<10.0	9.37	24.4	nr	nr	--	433
Cell C Treatment Zone	C	28-Oct-05	1.20	3.5-4.0	<0.025	<0.025	<0.025	0.0235 ^A	<0.025	<0.025	<10.0	<10.0	<10.0	7.74	23.1	nr	nr	--	433
Cell E Treatment Zone	E	28-Oct-05	0.30	3.5-4.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	20.9	35.2	nr	nr	--	1,580
Cell A Treatment Zone- 3' to 4'	A	26-Jul-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	1.17 ^A	8.35	<0.500	240	<0.500	240
Cell B Treatment Zone- 3' to 4'	B	26-Jul-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	4.76 ^A	9.51	40.0	180	<0.500	220
Cell C Treatment Zone- 3' to 4'	C	26-Jul-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	1.45 ^A	45.8	<0.500	220	<0.500	220
Cell E Treatment Zone- 3' to 4'	E	26-Jul-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	2.95 ^A	44.7	<0.500	225	<0.500	225
Cell A Treatment Zone- 3' to 4'	A	14-Dec-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	--	--	--	--	--	--
Cell B Treatment Zone- 3' to 4'	B	14-Dec-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	--	--	--	--	--	--
Cell C Treatment Zone- 3' to 4'	C	14-Dec-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	--	--	--	--	--	--
Cell E Treatment Zone- 3' to 4'	E	14-Dec-06	--	3.0-4.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0	--	--	--	--	--	--
BG South of Cell "G"	G	23-Dec-09	--	--	--	--	--	--	--	--	--	--	--	100.00	--	--	--	--	--
BG West of Cell "G"	G	23-Dec-09	--	--	--	--	--	--	--	--	--	--	--	100.00	--	--	--	--	--

A = Estimated value, analyte detected less than reported limit

-- = Not analyzed

TABLE 3

**HISTORIC CONCENTRATIONS OF METALS IN THE VADOSE ZONE
PLAINS MARKETING, L.P.
LEA STATION LANDFARM
LEA COUNTY, NEW MEXICO
PLAINS SRS 2004-00061
NMOCD #GW-351**

Sample ID	Landfarm Cell	Sample Date	Sample Depth (feet-bgs)	SW-846 6010 & 200 7		258 1 & 7670	SW-6010 & 200 7								
				Calcium (mg/Kg)	Magnesium (mg/Kg)	Potassium (mg/Kg)	Sodium (mg/Kg)	Mercury (mg/Kg)	Chromium (mg/Kg)	Arsenic (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Cadmium (mg/Kg)	Barium (mg/Kg)	Lead (mg/Kg)
CESLESLF11604BGS	Background	16-Jan-04	3.5-4.0	664	1,540	744	30.1	<0.04	4.42	<1	<5.0	<2.5	<2	15.2	<1
SPLSLF83104CC-4'	C	31-Aug-04	3.5-4.0	--	--	--	--	--	--	--	--	--	--	--	--
SPLSLF83104CE-4'	E	31-Aug-04	3.5-4.0	--	--	--	--	--	--	--	--	--	--	--	--
Cell B Treatment Zone	B	28-Oct-05	3.5-4.0	30,400	1,350	235	1,420	0.01230 ^A	1.43	<0.400	<0.200	<0.250	0.423	35.8	2.30
Cell C Treatment Zone	C	28-Oct-05	3.5-4.0	20,800	902	238	1,700	0.02204 ^A	3.81	<0.400	<0.200	<0.250	0.973	47.4	<0.550
Cell E Treatment Zone	E	28-Oct-05	3.5-4.0	89,900	3,680	508	2,670	0.01847 ^A	3.52	1.36	<0.200	<0.250	1.13	111	2.80
Cell A Treatment Zone- 3' to 4'	A	26-Jul-06	3.0-4.0	47.8	5.82	4.48	2.26	0.009424 ^A	<2.44	1.65 ^A	<7.51	1.01	<1.73	17.3	<0.740
Cell B Treatment Zone- 3' to 4'	B	26-Jul-06	3.0-4.0	27.9	8.16	9.17	3.78	0.03174	<2.44	3.33 ^A	1.71 ^A	<1.01	<1.73	147	<0.740
Cell C Treatment Zone- 3' to 4'	C	26-Jul-06	3.0-4.0	51.5	6.06	3.07	12.1	0.009956 ^A	<2.44	0.953 ^A	<7.51	<1.01	<1.73	40.0	<0.740
Cell E Treatment Zone- 3' to 4'	E	26-Jul-06	3.0-4.0	57.5	10.3	16.0	9.17	0.01564	1.47 ^A	1.29 ^A	2.47 ^A	<1.01	<1.73	50.4	<0.740

A = Estimated value, analyte detected less than reported limit

-- = Not analyzed

TABLE 4

2010 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN THE VADOSE ZONE

PLAINS MARKETING, L.P.
LEA STATION LAND FARM
LEA COUNTY, NEW MEXICO
PLAINS SRS: 2004-00061
NMOCD #GW-351

SAMPLE LOCATION	SAMPLE DEPTH (bgs)	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030						METHOD: 8015M			TOTAL	EPA 300
			BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	Chloride (mg/kg)
Cell A VZ G-1	3' - 4'	6/9/2010	<0.0012	<0.0024	<0.0012	<0.0024	<0.0012	<0.0024	<17.8	<17.8	<17.8	<17.8	8.53
Cell A VZ G-2	3' - 4'	6/9/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.7	<15.7	<15.7	<15.7	9.82
Cell A VZ G-3	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.4	<15.4	<15.4	<15.4	7.81
Cell A VZ G-4	3' - 4'	6/9/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	<5.21
Cell A VZ G-5	3' - 4'	6/9/2010	<0.0012	<0.0023	<0.0012	<0.0023	<0.0012	<0.0023	<17.3	<17.3	<17.3	<17.3	7.6
Cell B VZ G-1	3' - 4'	6/9/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.4	<15.4	<15.4	<15.4	14.9
Cell B VZ G-2	3' - 4'	6/9/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.5	<15.5	<15.5	<15.5	6.29
Cell B VZ G-3	3' - 4'	6/9/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<15.9	<15.9	<15.9	<15.9	6.39
Cell B VZ G-4	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.4	<15.4	<15.4	<15.4	6.42
Cell B VZ G-5	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.3	<15.3	<15.3	<15.3	5.64
Cell C VZ G-1	3' - 4'	6/9/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.9	<15.9	<15.9	<15.9	<5.30
Cell C VZ G-2	3' - 4'	6/9/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<15.8	<15.8	<15.8	<15.8	<5.27
Cell C VZ G-3	3' - 4'	6/9/2010	<0.0012	<0.0024	<0.0012	<0.0024	<0.0012	<0.0024	<17.7	<17.7	<17.7	<17.7	15.8
Cell C VZ G-4	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.5	<15.5	<15.5	<15.5	<5.14
Cell C VZ G-5	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.4	<15.4	<15.4	<15.4	8.71
Cell D VZ G-1	3' - 4'	6/9/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.7	<15.7	<15.7	<15.7	<5.21
Cell D VZ G-2	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.3	<15.3	<15.3	<15.3	13.1
Cell D VZ G-3	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.0	<15.0	<15.0	<15.0	<5.01
Cell D VZ G-4	3' - 4'	6/9/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	5.94
Cell D VZ G-5	3' - 4'	6/9/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.2	<15.2	<15.2	<15.2	22.7
Cell E VZ G-1	3' - 4'	6/9/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.6	<16.6	<16.6	<16.6	<5.50
Cell E VZ G-2	3' - 4'	6/9/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.7	<15.7	<15.7	<15.7	<5.26
Cell E VZ G-3	3' - 4'	6/9/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.5	<16.5	<16.5	<16.5	6.87
Cell E VZ G-4	3' - 4'	6/9/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.3	<15.3	<15.3	<15.3	5.38
Cell F VZ G-1	3' - 4'	6/10/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<14.9	<14.9	<14.9	<14.9	<5.01
Cell F VZ G-2	3' - 4'	6/10/2010	<0.0011	<0.0023	<0.0011	<0.0023	<0.0011	<0.0023	<17.0	<17.0	<17.0	<17.0	<5.69
Cell F VZ G-3	3' - 4'	6/10/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.7	<15.7	<15.7	<15.7	<5.22
Cell F VZ G-4	3' - 4'	6/10/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.3	<15.3	<15.3	<15.3	7.9
Cell F VZ G-5	3' - 4'	6/10/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.9	<15.9	<15.9	<15.9	18.2

TABLE 4

2010 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN THE VADOSE ZONE

PLAINS MARKETING, L.P.
LEA STATION LAND FARM
LEA COUNTY, NEW MEXICO
PLAINS SRS: 2004-00061
NMOCD #GW-351

SAMPLE LOCATION	SAMPLE DEPTH (bgs)	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030						METHOD: 8015M			TOTAL	EPA 300
			BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	Chloride (mg/kg)
Cell G VZ G-1	3' - 4'	6/10/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.2	<15.2	<15.2	<15.2	8.87
Cell G VZ G-2	3' - 4'	6/10/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	10.9
Cell G VZ G-3	3' - 4'	6/10/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.9	<15.9	<15.9	<15.9	8.7
Cell G VZ G-4	3' - 4'	6/10/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.0	<15.0	<15.0	<15.0	6.58
Cell G VZ G-5	3' - 4'	6/10/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<16.0	<16.0	<16.0	<16.0	6.79
Cell H VZ G-1	3' - 4'	6/10/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.3	<16.3	<16.3	<16.3	11.4
Cell H VZ G-2	3' - 4'	6/10/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	<5.24
Cell H VZ G-3	3' - 4'	6/10/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.8	<15.8	<15.8	<15.8	<5.26
VZ Cell A G-1	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.5	<16.5	<16.5	<16.5	<4.60
VZ Cell A G-2	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<17	<17	<17	<17	5.41
VZ Cell A G-3	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.9	<16.9	<16.9	<16.9	<4.71
VZ Cell A G-4	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.5	<16.5	<16.5	<16.5	<4.62
VZ Cell A G-5	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.1	<16.1	<16.1	<16.1	<4.53
VZ Cell B G-1	3' - 4'	11/2/2010	<0.0012	<0.0024	<0.0012	<0.0024	<0.0012	<0.0024	<17.9	<17.9	<17.9	<17.9	145
VZ Cell B G-2	3' - 4'	11/2/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.4	<15.4	<15.4	<15.4	<4.28
VZ Cell B G-3	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.7	<15.7	<15.7	<15.7	<4.38
VZ Cell B G-4	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.8	<15.8	<15.8	<15.8	<4.41
VZ Cell B G-5	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.5	<15.5	<15.5	<15.5	<15.5
VZ Cell C G-1	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.3	<16.3	<16.3	<16.3	<4.56
VZ Cell C G-2	3' - 4'	11/2/2010	<0.0011	<0.0023	<0.0011	<0.0023	<0.0011	<0.0023	<16.9	<16.9	<16.9	<16.9	<4.74
VZ Cell C G-3	3' - 4'	11/2/2010	<0.0012	<0.0023	<0.0012	<0.0023	<0.0012	<0.0023	<17.4	<17.4	<17.4	<17.4	<4.84
VZ Cell C G-4	3' - 4'	11/2/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.5	<15.5	<15.5	<15.5	<4.34
VZ Cell C G-5	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.2	<16.2	<16.2	<16.2	<4.52
VZ Cell D G-1	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.5	<15.5	<15.5	<15.5	<4.36
VZ Cell D G-2	3' - 4'	11/2/2010	<0.0012	<0.0024	<0.0012	<0.0024	<0.0012	<0.0024	<17.7	<17.7	<17.7	<17.7	26.1
VZ Cell D G-3	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.5	<16.5	<16.5	<16.5	32.4
VZ Cell D G-4	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	4.97
VZ Cell D G-5	3' - 4'	11/2/2010	<0.0012	<0.0023	<0.0012	<0.0023	<0.0012	<0.0023	<17.2	<17.2	<17.2	<17.2	5.15

TABLE 4

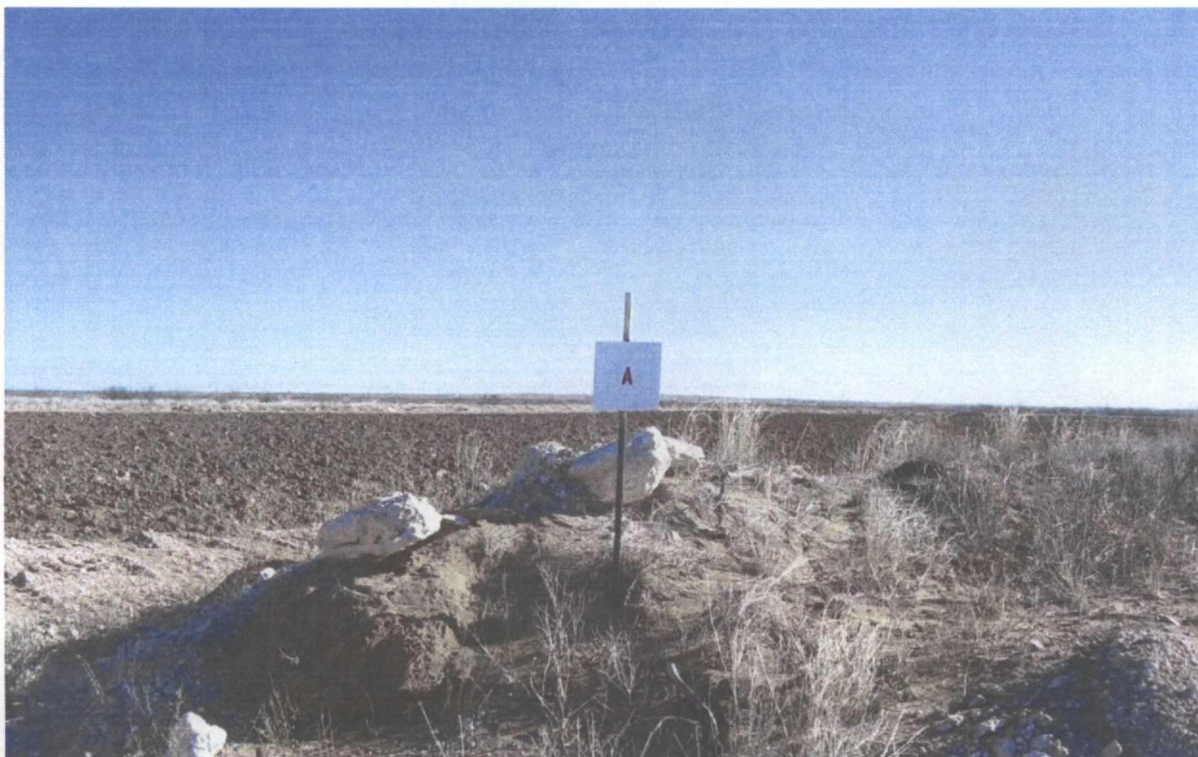
2010 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN THE VADOSE ZONE

PLAINS MARKETING, L.P.
LEA STATION LAND FARM
LEA COUNTY, NEW MEXICO
PLAINS SRS: 2004-00061
NMOCD #GW-351

SAMPLE LOCATION	SAMPLE DEPTH (bgs)	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030						METHOD: 8015M			TOTAL	EPA 300
			BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENES (mg/Kg)	BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	Chloride (mg/kg)
VZ Cell E G-1	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.3	<16.3	<16.3	<16.3	<4.69
VZ Cell E G-2	3' - 4'	11/2/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.9	<15.9	<15.9	<15.9	<4.44
VZ Cell E G-3	3' - 4'	11/2/2010	<0.0012	<0.0024	<0.0012	<0.0024	<0.0012	<0.0024	<17.9	<17.9	<17.9	<17.9	<5.03
VZ Cell E G-4	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.5	<16.5	<16.5	<16.5	<4.64
VZ Cell F G-1	3' - 4'	11/2/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.8	<15.8	<15.8	<15.8	40.8
VZ Cell F G-2	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	11.1
VZ Cell F G-3	3' - 4'	11/2/2010	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<15.4	<15.4	<15.4	<15.4	<4.31
VZ Cell F G-4	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.5	<15.5	<15.5	<15.5	26.2
VZ Cell F G-5	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.5	<15.5	<15.5	<15.5	<4.33
VZ Cell G G-1	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.4	<16.4	<16.4	<16.4	11.9
VZ Cell G G-1 @ 4'-5'	4' - 5'	11/2/2010	--	--	--	--	--	--	--	--	--	--	33.6
VZ Cell G G-2	3' - 4'	11/2/2010	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<16.6	<16.6	<16.6	<16.6	<4.64
VZ Cell G G-3	3' - 4'	11/2/2010	<0.0006	<0.0011	<0.0006	<0.0019	<0.0006	<0.0019	<16.4	<16.4	<16.4	<16.4	<4.62
VZ Cell G G-3 @ 4'-5'	4' - 5'	11/2/2010	--	--	--	--	--	--	--	--	--	--	68.7
VZ Cell G G-4	3' - 4'	11/2/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<15.9	<15.9	<15.9	<15.9	8.20
VZ Cell G G-4 @ 4'-5'	4' - 5'	11/2/2010	--	--	--	--	--	--	--	--	--	--	69.9
VZ Cell G G-5	3' - 4'	11/2/2010	<0.0012	<0.0024	<0.0012	<0.0024	<0.0012	<0.0024	<17.7	<17.7	<17.7	<17.7	<4.97
VZ Cell H G-1	3' - 4'	11/2/2010	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<16.2	<16.2	<16.2	<16.2	18.7
VZ Cell H G-2	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	<4.36
VZ Cell H G-3	3' - 4'	11/2/2010	<0.0010	<0.0021	<0.0010	<0.0021	<0.0010	<0.0021	<15.6	<15.6	<15.6	<15.6	<4.36
Background	3' - 4'	1/16/2004	<0.02	<0.02	<0.02	<0.04	<0.02	<0.04	<5	<2.5	<5	<5	10.6

-- = Not analyzed

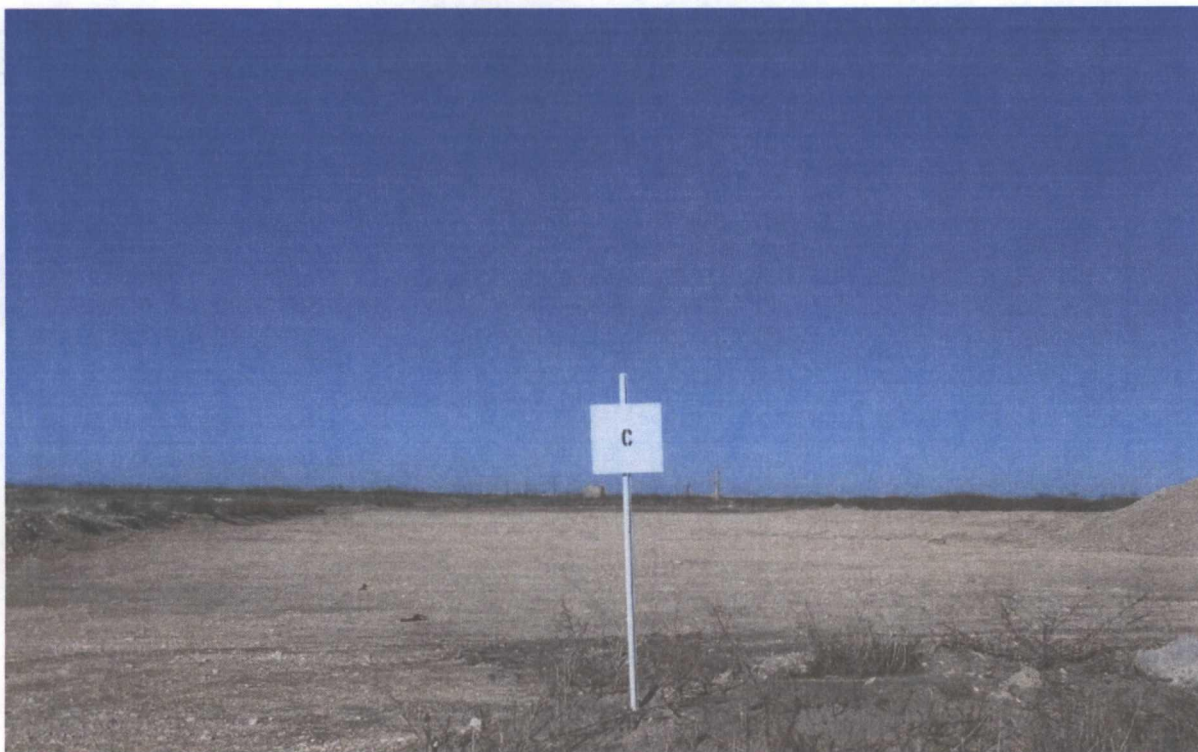
Photographs



Lea Station Landfarm - Cell A



Lea Station Landfarm - Cell B



Lea Station Landfarm - Cell C



Lea Station Landfarm - Cell D



Lea Station Landfarm - Cell E



Lea Station Landfarm - Cell F



Lea Station Landfarm - Cell G



Lea Station Landfarm - Cell H