

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

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Manzano, LLC		Telephone: (505) 623-1996		e-mail address: mhanagan@dfn.com	
Address: PO Box 2107					
Facility or well name: Peter Grande # 1		API #: 30-025-36993		U/L or Qtr/Qtr Sec 1 T 10S R 32E	
County: Lea		Latitude N33 28' 09.3"		Longitude W103 37' 58.6" NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>	
Surface Owner: Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>					
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Pit Volume 5000 bbl			Below-grade tank Volume: _____ Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. WTR L100		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 175' feet			Less than 50 feet (20 points)		0 10
			50 feet or more, but less than 100 feet (10 points)		
			100 feet or more (0 points)		
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)			Yes (20 points) No (0 points)		0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)			Less than 200 feet (20 points)		0
			200 feet or more, but less than 1000 feet (10 points)		
			1000 feet or more (0 points)		
Ranking Score (Total Points)					0

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:
See attached field notes, site map, OSE Data, and Laboratory analysis.
DEEP BURY

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan.

Date: 10/27/06

Printed Name/Title Clayton M. Barnhill, PG Geologist

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title L. Johnson - ENVIROTECH

Signature

Date: 5-22-07

incident - nPAC0715140195
application nPAC0715140253

RPH
1399

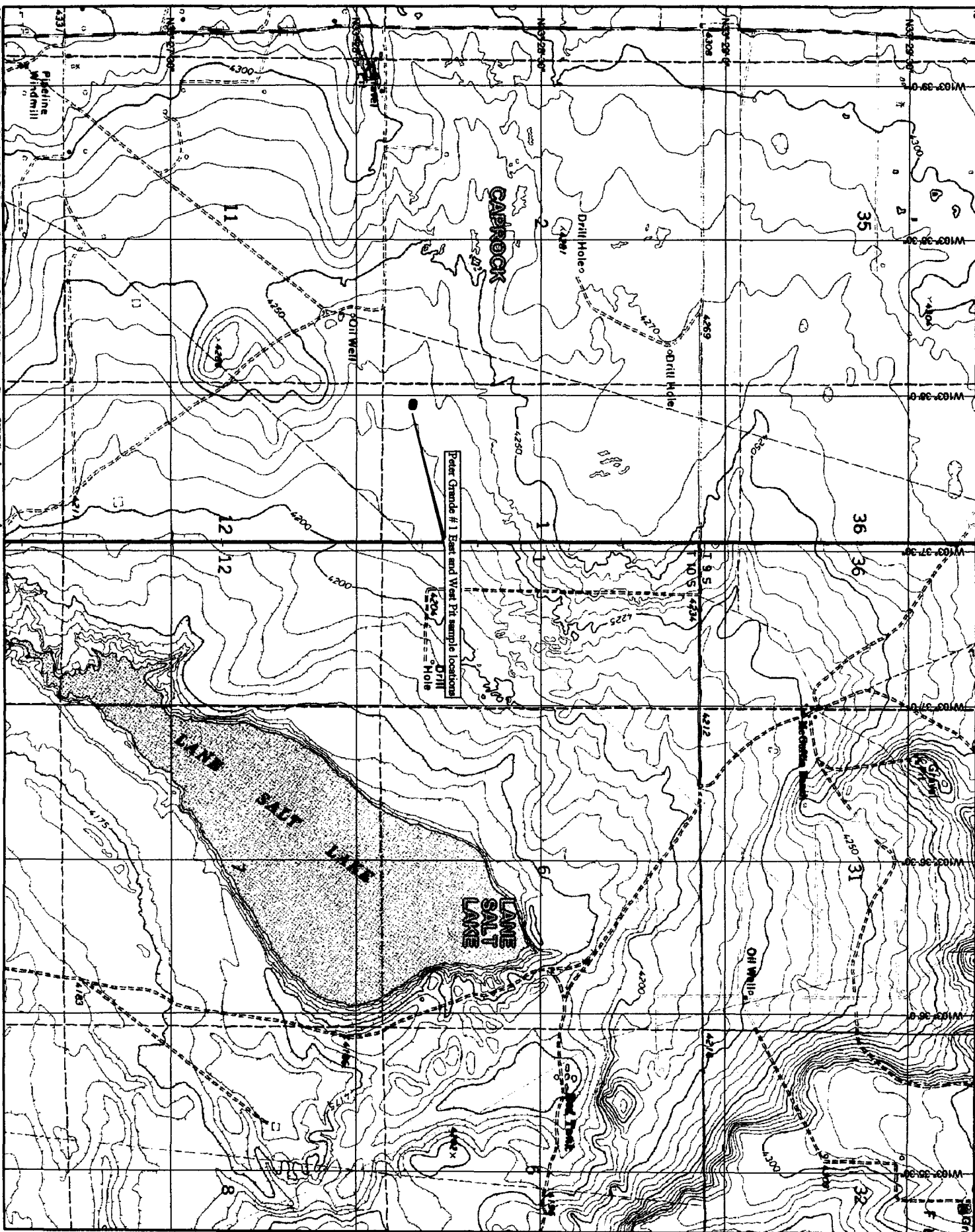
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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South t. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office
(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>MANZANO, LLC</u>		Telephone: <u>(505) 623-1996</u>	
Address: <u>PO BOX 2107 ROSWELL, NM 88202-2107</u>			
Facility Or: <u>PETER GRANDE # 1</u>		API# <u>30-025-36993</u>	
Well Name _____			
Location: Unit or Qtr/Qtr Sec <u>UNIT M</u> Sec <u>1</u> T <u>10S</u> R <u>32E</u> County <u>LEA</u>			
Pit Type: Separator _____ Dehydrator _____ Other <u>WATER STORAGE PITS FOR DRILLING RIG</u>			
Land Type: BLM _____, State <u>X</u> , Fee _____ Other _____			
Pit Location: Pit dimensions: length <u>100'</u> , width <u>30'</u> , depth <u>20'</u>			
(Attach diagram) GPS COORDINATES: N 33 28' 09.3" Reference: wellhead _____, other <u>W 103 37' 58.6"</u>			
Footage from reference: _____			
Direction from reference: _____ Degrees _____ East North _____ of _____ West South _____			
Depth To Ground Water <u>SEE ATTACHED OSE DATA</u> Less than 50 feet (20 points)			
(Vertical distance from 50 feet to 99 feet (10 points)			
contaminants to seasonal Greater than 100 feet (0 points) <u>0</u>			
high water elevation of ground water.)			
Wellhead Protection Area: Yes (20 points) <u>0</u>			
(Less than 200 feet from a private No (0 points) _____			
domestic water source, or; less than 1000 feet from all other water sources.)			
Distance To Surface Water: Less than 200 feet (20 points)			
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)			
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) <u>0</u>			
irrigation canals and ditches.)			
RANKING SCORE (TOTAL POINTS): <u>0</u>			



Hall Environmental Analysis Laboratory, Inc.

Date: 24-Jul-06

CLIENT: Manzano, LLC**Client Sample ID:** West Trench**Lab Order:** 0607186**Collection Date:** 7/17/2006 9:00:00 AM**Project:** Pit Closure Peter Grande #1**Date Received:** 7/18/2006**Lab ID:** 0607186-02**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/20/2006 7:03:14 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/20/2006 7:03:14 AM
Sum: DNOP	95.0	61.7-135		%REC	1	7/20/2006 7:03:14 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2006 11:27:37 AM
Sum: BFB	95.3	81.7-127		%REC	1	7/20/2006 11:27:37 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	7/20/2006 11:27:37 AM
Toluene	ND	0.050		mg/Kg	1	7/20/2006 11:27:37 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2006 11:27:37 AM
Xylenes, Total	ND	0.15		mg/Kg	1	7/20/2006 11:27:37 AM
Sum: 4-Bromofluorobenzene	89.4	76.8-115		%REC	1	7/20/2006 11:27:37 AM
EPA METHOD 9056A: ANIONS						Analyst: TES
Chloride	6800	30		mg/Kg	100	7/21/2006 9:47:31 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 24-Jul-06

CLIENT:	Manzano, LLC	Client Sample ID:	East Trench
Lab Order:	0607186	Collection Date:	7/17/2006 8:50:00 AM
Project:	Pit Closure Peter Grande #1	Date Received:	7/18/2006
Lab ID:	0607186-01	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/20/2006 5:25:46 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/20/2006 5:25:46 AM
Surr: DNOP	102	61.7-135		%REC	1	7/20/2006 5:25:46 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2006 10:57:28 AM
Surr: BFB	89.2	81.7-127		%REC	1	7/20/2006 10:57:28 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	7/20/2006 10:57:28 AM
Toluene	ND	0.050		mg/Kg	1	7/20/2006 10:57:28 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2006 10:57:28 AM
Xylenes, Total	ND	0.15		mg/Kg	1	7/20/2006 10:57:28 AM
Surr: 4-Bromofluorobenzene	80.2	76.8-115		%REC	1	7/20/2006 10:57:28 AM
EPA METHOD 9056A: ANIONS						Analyst: TES
Chloride	31	1.5		mg/Kg	5	7/20/2006 5:32:39 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.3976
www.hallenvironmental.com

CHAIN-OF-CUSTODY RECORD									
QA / QC Package: Std <input checked="" type="checkbox"/> Level 4 <input type="checkbox"/>									
Other: _____									
Client: MANZANO, L.L.C.		Project Name: PIT CLOSURE PETER GRANGE #1							
ATTN: KEN BAKER		300' RSL & 400' FWL							
Address: PO BOX 2107		Project #: UNIT M SECTION 1							
ROSWELL, NM 88202		T. 10S. R 32E.							
2107		LEA COUNTY, NM							
		Project Manager: API # 30-025-3992							
		MR. JOHN THOMPSON							
Phone #: 505-623-1996		Sampler: CMBARNHILL, PG							
Fax #: 505-625-2620		Sample Temperature: 13.13							
Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.	
07/17/06	0850	Soil	East Trench	1x4oz Glass Jar	HgCl ₂	HNO ₃	Misc	0607186-1	
07/17/06	0900	Soil	West Trench	" " "				-2	
Date: 07/17/06	Time: 1130	Relinquished By: (Signature)		Received By: (Signature)		7/18/06			
Date: 07/17/06	Time: 0951	Relinquished By: (Signature)		Received By: (Signature)		0951			

Parameter	Method	Unit	Result	Limit	Remarks
BTEX + MTBE + TMB's (4021)	X	mg/L	0.05	0.1	
BTEX + MTBE + TPH (Gasoline Only)	X	mg/L	0.05	0.1	
TPH Method 801.5B (Gas/Diesel)	X	mg/L	0.05	0.1	
TPH (Method 418.1)		mg/L	0.05	0.1	
EDB (Method 504.1)		mg/L	0.05	0.1	
EDC (Method 8021)		mg/L	0.05	0.1	
B310 (PNA or PAH)		mg/L	0.05	0.1	
RCRA 8 Metals		mg/L	0.05	0.1	
Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	X	mg/L	0.05	0.1	
8081 Pesticides / PCB's (8082)		mg/L	0.05	0.1	
8260B (VOA)		mg/L	0.05	0.1	
8270 (Semi-VOA)		mg/L	0.05	0.1	
Air Bubbles or Headspace (Y or N)					

Remarks:

Remarks: Please Bill Manzano Directly
for Analysis Costs: Send Copy
of Results ASAP TO Embarrasville, OH.
* Need 72 hr. Turnaround on Com

QA/QC SUMMARY REPORT

Client: Manzano, LLC
 Project: Pit Closure Peter Grande #1

Work Order: 0607186

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: E300									
Sample ID: MB-10848		MBLK			Batch ID: 10848	Analysis Date: 7/20/2006 4:57:49 PM			
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-10848		LCS			Batch ID: 10848	Analysis Date: 7/20/2006 5:15:14 PM			
Chloride	14.74	mg/Kg	0.30	98.3	90	110			
Method: SW8015									
Sample ID: 0607186-01AMSD		MSD			Batch ID: 10835	Analysis Date: 7/20/2006 6:30:40 AM			
Diesel Range Organics (DRO)	43.21	mg/Kg	10	86.4	67.4	117	4.21	17.4	
Sample ID: MB-10835		MBLK			Batch ID: 10835	Analysis Date: 7/20/2006 4:53:17 AM			
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-10835		LCS			Batch ID: 10835	Analysis Date: 7/20/2006 7:35:41 AM			
Diesel Range Organics (DRO)	43.70	mg/Kg	10	87.4	64.6	116			
Sample ID: LCSD-10835		LCSD			Batch ID: 10835	Analysis Date: 7/20/2006 8:08:08 AM			
Diesel Range Organics (DRO)	45.51	mg/Kg	10	91.0	64.6	116	4.06	17.4	
Sample ID: 0607186-01AMS		MS			Batch ID: 10835	Analysis Date: 7/20/2006 5:58:13 AM			
Diesel Range Organics (DRO)	45.07	mg/Kg	10	90.1	67.4	117			
Method: SW8015									
Sample ID: MB-10832		MBLK			Batch ID: 10832	Analysis Date: 7/20/2006 9:57:17 AM			
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-10832		LCS			Batch ID: 10832	Analysis Date: 7/20/2006 10:27:19 AM			
Gasoline Range Organics (GRO)	23.80	mg/Kg	5.0	95.2	73.4	115			
Method: SW8021									
Sample ID: MB-10832		MBLK			Batch ID: 10832	Analysis Date: 7/20/2006 9:57:17 AM			
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.15						
Sample ID: LCS-10832		LCS			Batch ID: 10832	Analysis Date: 7/20/2006 10:27:19 AM			
Benzene	0.3181	mg/Kg	0.050	99.4	77.5	123			
Toluene	1.872	mg/Kg	0.050	91.7	85.3	129			
Ethylbenzene	0.3734	mg/Kg	0.050	95.7	79.6	121			
Xylenes, Total	2.143	mg/Kg	0.15	99.9	80	130			

Qualifiers:

E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Page 1

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name MANZANO

Date and Time Received:

7/18/2006

Work Order Number 0607186

Received by AT

Checklist completed by

Signature

Date

7/16/06

Matrix

Carrier name Greyhound

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	

Container/Temp Blank temperature?

13°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

Hall Environmental Analysis Laboratory, Inc.

Date: 03-Oct-06

CLIENT:	Manzano, LLC	Client Sample ID:	West Trench
Lab Order:	0609295	Collection Date:	9/22/2006 10:00:00 AM
Project:	Pit Closure Sampling Peter Grande #7	Date Received:	9/25/2006
Lab ID:	0609295-01	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/26/2006 11:14:49 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/26/2006 11:14:49 PM
Sum: DNOP	74.1	61.7-135		%REC	1	9/26/2006 11:14:49 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: BDH
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/30/2006 2:56:45 PM
Sum: BFB	95.8	84.5-129		%REC	1	9/30/2006 2:56:45 PM
EPA METHOD 8021B: VOLATILES						Analyst: BDH
Benzene	ND	0.050		mg/Kg	1	9/30/2006 2:56:45 PM
Toluene	ND	0.050		mg/Kg	1	9/30/2006 2:56:45 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/30/2006 2:56:45 PM
Xylenes, Total	ND	0.15		mg/Kg	1	9/30/2006 2:56:45 PM
Sum: 4-Bromofluorobenzene	92.4	76.8-115		%REC	1	9/30/2006 2:56:45 PM
EPA METHOD 9056A: ANIONS						Analyst: TES
Chloride	ND	1.5		mg/Kg	5	9/26/2006 5:37:48 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	

QA/QC SUMMARY REPORT

Client: Manzano, LLC

Project: Pit Closure Sampling Peter Grande #7

Work Order: 0609295

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW9056A									
Sample ID: MB-11355		MBLK			Batch ID: 11355	Analysis Date: 9/26/2006 1:34:07 PM			
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-11355		LCS			Batch ID: 11355	Analysis Date: 9/26/2006 12:24:29 PM			
Chloride	14.68	mg/Kg	0.30	97.9	90	110			
Method: SW8015									
Sample ID: MB-11352		MBLK			Batch ID: 11352	Analysis Date: 9/26/2006 7:10:34 AM			
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-11352		LCS			Batch ID: 11352	Analysis Date: 9/26/2006 7:45:08 AM			
Diesel Range Organics (DRO)	32.57	mg/Kg	10	65.1	64.6	116			
Sample ID: LCSD-11352		LCSD			Batch ID: 11352	Analysis Date: 9/26/2006 8:19:37 AM			
Diesel Range Organics (DRO)	34.41	mg/Kg	10	68.8	64.6	116	5.48	17.4	
Method: SW8015									
Sample ID: MB-11362		MBLK			Batch ID: 11362	Analysis Date: 9/30/2006 1:55:51 AM			
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-11362		LCS			Batch ID: 11362	Analysis Date: 9/30/2006 2:24:45 AM			
Gasoline Range Organics (GRO)	23.70	mg/Kg	5.0	94.8	73.4	115			
Sample ID: LCSD-11362		LCSD			Batch ID: 11362	Analysis Date: 9/30/2006 2:53:36 AM			
Gasoline Range Organics (GRO)	23.30	mg/Kg	5.0	93.2	73.4	115	1.70	11.6	
Method: SW8021									
Sample ID: MB-11362		MBLK			Batch ID: 11362	Analysis Date: 9/30/2006 1:55:51 AM			
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.15						
Sample ID: LCS-11362		LCS			Batch ID: 11362	Analysis Date: 9/30/2006 2:24:45 AM			
Benzene	0.2968	mg/Kg	0.050	29.7	77.5	123			S
Toluene	1.746	mg/Kg	0.050	175	85.3	129			S
Ethylbenzene	0.4158	mg/Kg	0.050	41.6	79.6	121			S
Xylenes, Total	2.107	mg/Kg	0.15	70.2	80	130			S
Sample ID: LCSD-11362		LCSD			Batch ID: 11362	Analysis Date: 9/30/2006 2:53:36 AM			
Benzene	0.2959	mg/Kg	0.050	29.6	77.5	123	0.304	27	S
Toluene	1.759	mg/Kg	0.050	176	85.3	129	0.765	19	S
Ethylbenzene	0.4218	mg/Kg	0.050	42.2	79.6	121	1.43	10	S
Xylenes, Total	2.136	mg/Kg	0.15	71.2	80	130	1.36	13	S

Qualifiers:

E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Recovery outside accepted recovery limits

2/3

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name MANZANO

Date and Time Received:

9/25/06

Work Order Number 0609295

Received by GLS

Checklist completed by

Signature

Date

Matrix

Carrier name Greyhound

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒

No ☐

Not Present ☐

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☒

No ☐

N/A ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

6°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action



COVER LETTER

Monday, July 24, 2006

Ken Barbie
Manzano, LLC
PO Box 2107
Roswell, NM 88202-2107

TEL: (505) 623-1996
FAX (505) 625-2620

RE: Pit Closure Peter Grande #1

Order No.: 0607186

Dear Ken Barbie:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 7/18/2006 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

AZ license # AZ0682
ORELAP Lab # NM100001



4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com



COVER LETTER

Tuesday, October 03, 2006

Mike Hanagan
Manzano, LLC
PO Box 2107
Roswell, NM 88202-2107

TEL: (505) 623-1996

FAX (505) 625-2620

RE: Pit Closure Sampling Peter Grande #7

Order No.: 0609295

Dear Mike Hanagan:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 9/25/2006 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

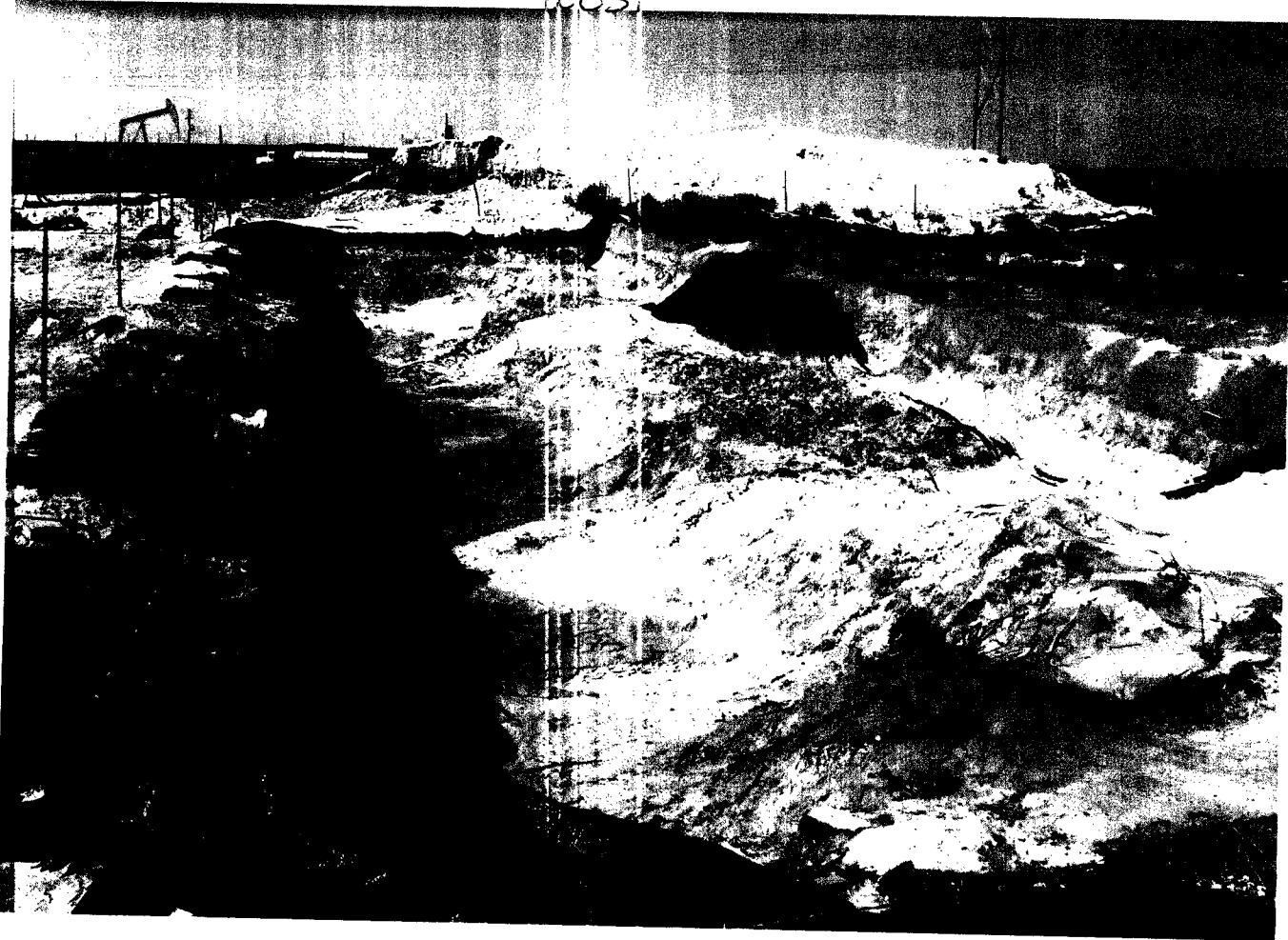
AZ license # AZ0682
ORELAP Lab # NM100001



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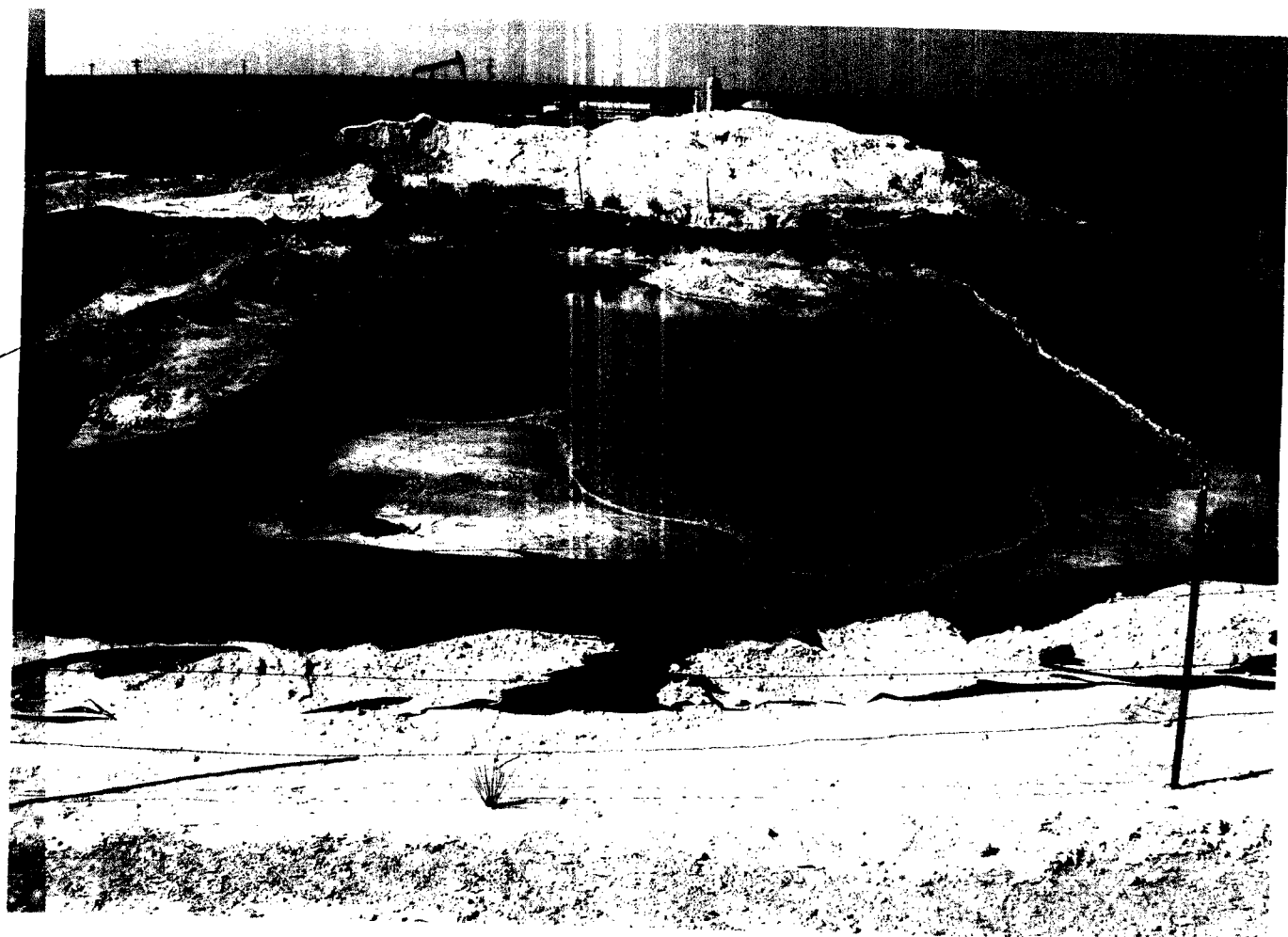
WEST

#1



NORTH
→

#2



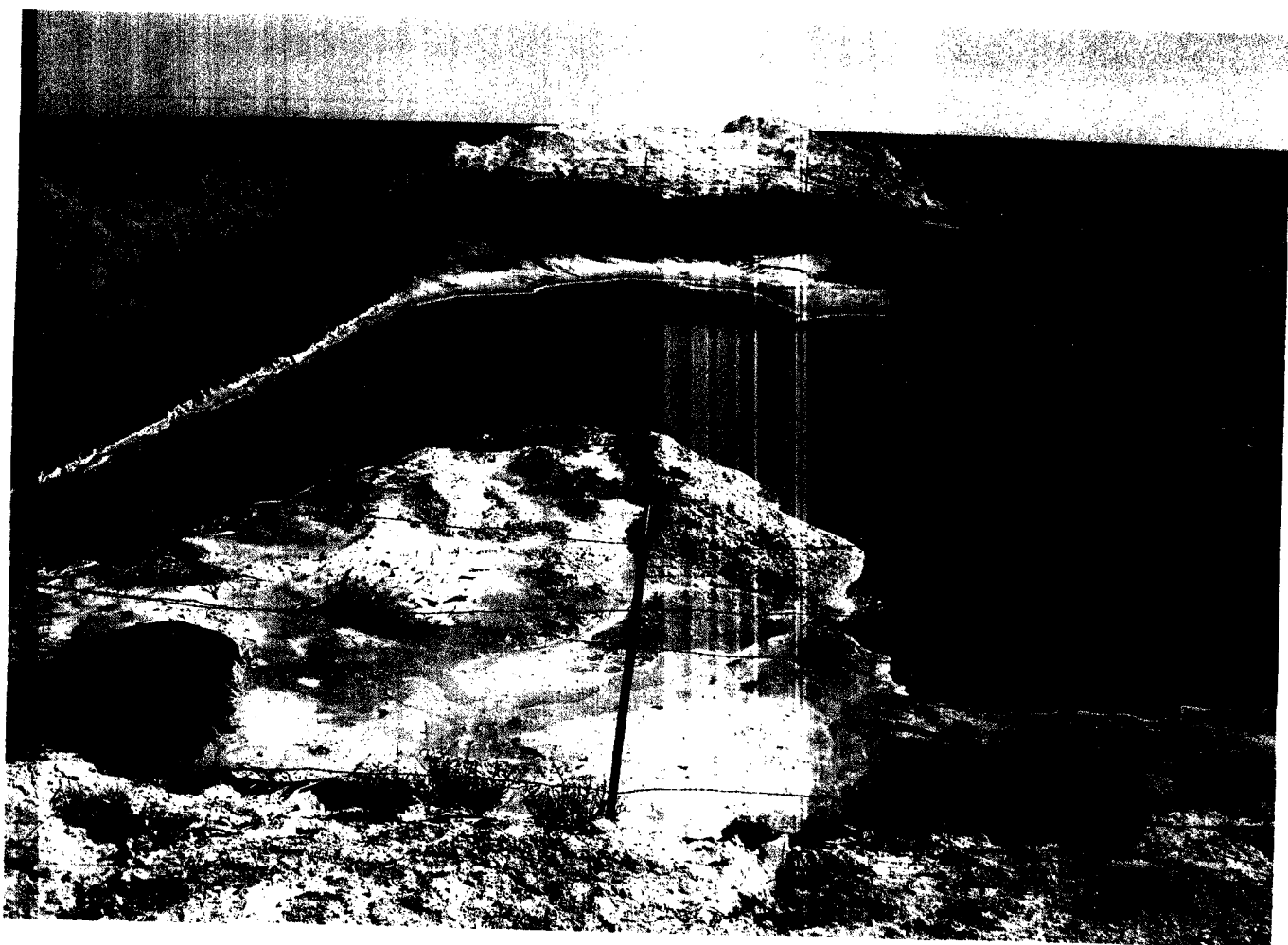
EAST ↑



#1

←

North



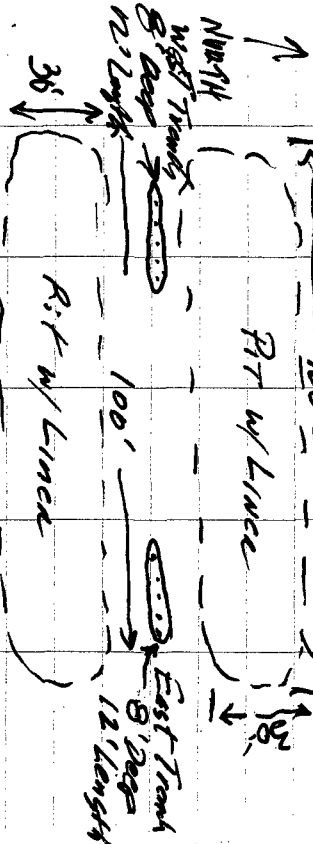
#2

330' FSL & 400' W Unit M
Location Sec 1 T10.5 R8.25 1st 11" Date 07/17/06

Project / Client P.T. Closure / Manda & Co.

Dr. CWS Environmental & Geological Services, Inc.

Att # 30-025-36993



Sample #1: West Trench

SPS Coordinates N 33° 28' 09.3"

W 103° 37' 58.6"

Sampled along base of trench

5 samples rolled to one

Composite IN ~~1X~~ 1402/Var

no representative @ 8800 hour 07/12/06

Encl. TPH mod 8015 6201 Dec

Officer BTEX Book Fine 51-

Sand w/white calcia No odor strong

Sample 2: East Trench. @ 850 ha.

GRS Case - N 33, 28, 09.2 "

W 103 '37 58.0 "

Composite as same as Sample A in

Composition & Analysis

Location	Date
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Project / Client