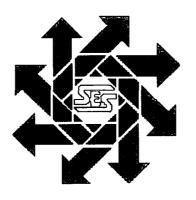
Holly Energy Partners T #2 Release Section 15, Township 20S, Range 28E Eddy County, New Mexico

Closure Report

March 15, 2010



Prepared for:

Holly Energy Partners P.O. Box 1260 Artesia, New Mexico 88211

Prepared by:

Safety & Environmental Solutions, Inc. 703 East Clinton Hobbs, New Mexico 88240 (575) 397-0510

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I. Company Contacts

Representative	Company	Telephone	E-mail
Dickie Townley	Holly Energy Partners	(575) 748-8949	Dickie.Townley@hollyenergy.com
Bob Allen	SESI	(575) 397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by Holly Energy Partners to perform site assessment at a release area at the T #2 located in Eddy County, New Mexico.

III. Contaminant and Size of Area

The suspected contaminate is hydrocarbon fluid. A pipeline leak released an unknown volume of fluid. The size of the impacted area is approximately 1,103 sq. ft.

IV. Surface and Ground Water

The closest groundwater of record listed with the New Mexico office of the state engineer is located in the same section, range and township. The depth of water in this well was 48'.

V. Soils

The surface soils in the area are predominantly sand and sandy loam.

VI. Characterization

The target cleanup levels are reached by the application of the "Guidelines for Remediation of Leaks, Spills and Releases New Mexico Oil Conservation Division (NMOCD) – August 13, 1993 to this site is 100 parts per million (ppm) Total Petroleum Hydrocarbons (TPH).

Application of the New Mexico Oil Conservation Division's ranking criteria for contaminated soils at this site is presented below:

Depth to Ground Water:			
(Vertical distance from contaminants to	Less than 50 feet	20 points	X
seasonal high water elevation of	50 feet to 99 feet	10 points	
groundwater)	>100 feet	0 points	
Wellhead Protection Area:			
(Less than 200 feet from a private domestic	Yes	20 points	
water source; or less than 1000 feet from all	No	0 points	X
other water sources)			
Distance to Surface Water:			
(Horizontal distance to perennial lakes,	Less than 200 feet	20 points	
ponds, rivers, streams, creeks, irrigation	200 feet to 1000 feet	10 points	
canals and ditches)	>1000 feet	0 points	X
	RANKING SCORE (T	OTAL POINTS)	20

VII. Work Performed

On June 19, 2009 SESI was onsite to delineate the exposed pipeline leak utilizing a hand auger. D&D Construction was previously onsite and had excavated the around the flowline to a depth of five (5) feet.

On June 25, 2009 SESI was onsite to delineate the excavation utilizing a hand auger. Auger refusal was encountered at a depth of 15 feet due to hard rock layer. A sample was retrieved at a depth of 15 feet and was properly preserved and transported under Chain-of-Custody to Cardinal Laboratories of Hobbs, New Mexico for analysis. The sample was analyzed for Total Petroleum Hydrocarbons (EPA Method 418.1) and BTEX (EPA Method SW-846-8021B).

The results of the analysis are as follows:

Sample ID	TPH	Benzene	Toluene	Ethyl Benzene	Xylenes
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
15' BGL	26,500	12.5	200	118	746

On August 7, 2009 SESI was onsite with Atkins Drilling to further delineate the affected area. Borehole #1 was drilled to a depth of 30'.

Samples were retrieved at the depths of 20' 25' and 30' below ground level. The samples were transported under Chain of Custody to Cardinal Laboratories of Hobbs, New Mexico for analysis. The sample was analyzed for Total Petroleum Hydrocarbons (EPA Method 418.1) and BTEX (EPA Method SW-846-8021B).

The results of the analysis are as follows:

Sample ID	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)
20' BGL	8,840	4.60	23.3	7.22	52.5
25' BGL	<100	0.641	5.17	2.04	15.0
30' BGL	<100	0.183	0.519	0.356	2.05

Based upon the analytical results, the vertical extent of TPH contamination was determined at a depth of twenty-five (25) feet.

For the period of February 22, 2010 and March 10, 2010 SESI was onsite with D&D Construction to begin removing all of the hydrocarbon impacted soils.

The affected area was excavated to a depth of 29' bgl at the deepest point to reach the full vertical extent of the hydrocarbon impacted soils. The excavated soils were transported to CRI, and NMOCD approved facility for disposal. Conformation samples were collected from the excavated area and transported under chain of custody to Cardinal Laboratories of Hobbs, New Mexico for analysis. The samples were analyzed for Total Petroleum Hydrocarbons (EPA Method 418.1) and BTEX (EPA Method SW-846-8021B).

The results of the analysis are as follows:

Sample ID	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)
East Wall 10' bgl	<100	<0.050	<0.050	<0.050	<0.300
East Wall 20' bgl	<100	<0.100	<0.100	<0.100	< 0.300
West Wall 10' bgl	<100	<0.050	<0.050	<0.050	<0.300
West Wall 20' bgl	<100	<0.050	<0.050	<0.050	<0.300
North Wall	<100	<0.050	<0.050	<0.050	<0.300
Floor 29' bgl	<100	<0.050	0.182	<0.050	<0.300

The entire area was then backfilled with 3,400 yards of like soils and contoured to natural grade.

VIII. Conclusion

Remedial actions at this site have all been performed with the approval of, and in accordance with all NMOCD requirements.

As a result, we respectfully submit this closure report for your consideration and approval.

IX. Figures & Appendices

Figure 1 – Vicinity Map

Figure 2 – Site Plan

Appendix A – Analytical Results

Appendix B – Site Photos

Figure 1 Vicinity Map

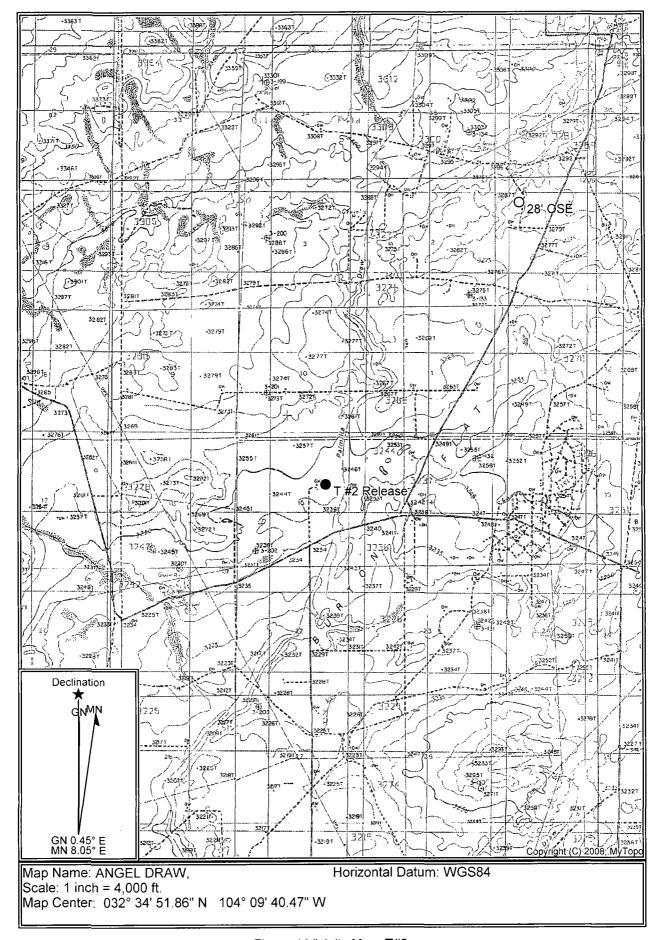
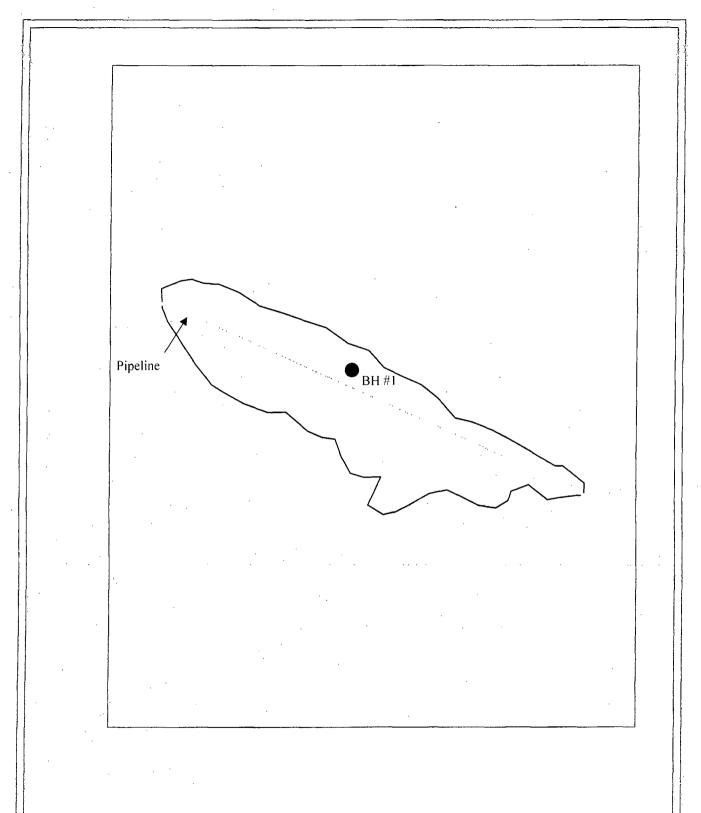


Figure 1 Vicinity Map: T#2



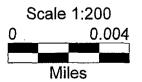
Figure 1 Vicinity Map: T#2

Figure 2 Site Plan



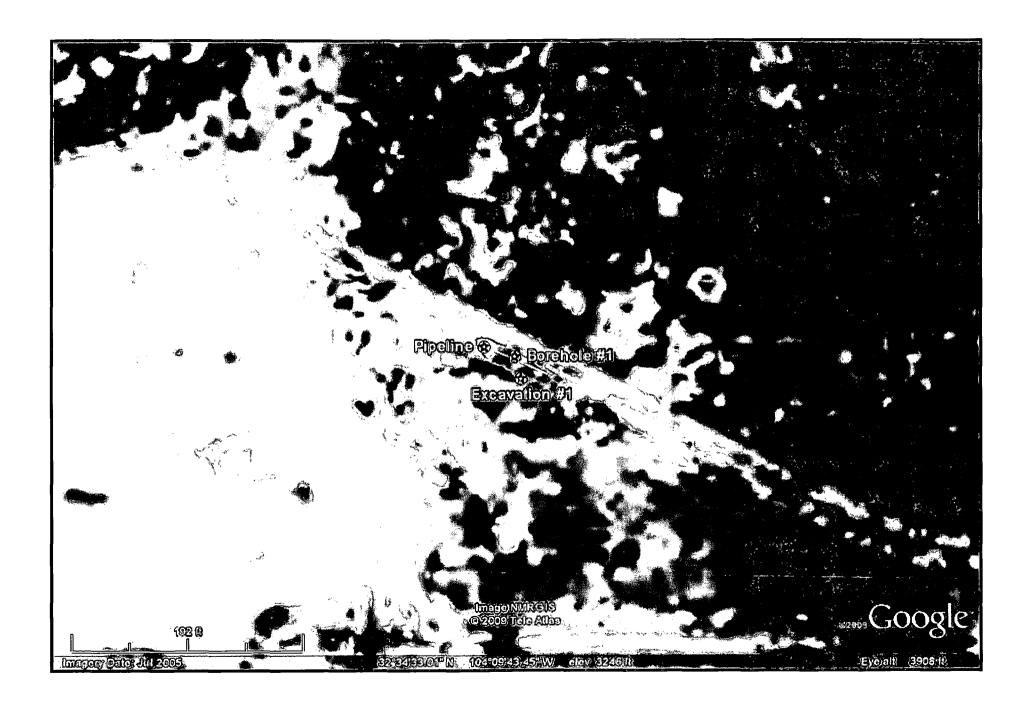
Lat/Long WGS 1984





site map.cor 9/2/2009 GPS Pathfinder®Office





Appendix A Analytical Results



ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS, NM 88240 FAX TO: (575) 393-4388

Receiving Date: 07/06/09

Reporting Date: 07/10/09

Project Number: HOL-09-012

Project Name: HOLLY T#2 RELEASE

Project Location: EDDY CO., NM

Sampling Date: 06/25/09

Sample Type: SOIL

Sample Condition: INTACT @ 17.5 °C

Sample Received By: ML

Analyzed By: ZL

LAB NO. SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:	07/09/09	07/09/09	07/09/09	07/09/09
H17757-1 AH#1 15' BGL	12.5	200	118	746
Quality Control	0.057	0.052	0.050	0.156
True Value QC	0.050	0.050	0.050	0.150
% Recovery	114	104	100	104
Relative Percent Difference	<1.0	2.0	2.0	<1.0

METHODS: BTEX - SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

07/10/09



101 East Marland, Hobbs, NM 88240 (575) 393-2326 Eay (575) 393-247

(575) 595-2526 Pax (575) 393-2476	i .	rage 01
Company Name: SESE	BILL TO	ANALYSIS REQUEST
Project Manager: Bob Allen	P.O. #:	
Address: 703 E Clinton	Company:	
City: Hobbs State: MM Zip: 88240	Attn:	
Phone #: 575-397-0510 Fax#:	Address: Spm C	
Project #: 1401-09-012Project Owner: 140/14	City:	
Project Name: T#2 Release	State: Zip:	
Project Location: Eddy Conn	Phone #:	
Sampler Name: Laga Kinga MATRIX	Fax #: PRESERV SAMPLING	13
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analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless made in writ service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interrugal filiates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such Sampler Relinquished: Date: Received By: Time: Date: Received By:	ng and received by Cardinal within 30 days after completion of ions, loss of use, or loss of profits incurred by client, its subsidi	the applicable
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Cool Int Cool Int No [Cardinal cannot accept verbal changes. Please fax written change	Yes (Initials)	



SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS, NM 88240 FAX TO: (575) 393-4388

Receiving Date: 07/06/09
Reporting Date: 07/06/09

Project Number: HOL-09-012

Project Name: HOLLY T#2 RELEASE

Project Location: EDDY CO., NM

Analysis Date: 07/06/09 Sampling Date: 06/25/09

Sample Type: SOIL

Sample Condition: INTACT @ 17.5°C

Sample Received By: ML

Analyzed By: AB

LAB NUMBER SAMPLE ID TPH

(mg/kg)

H17757-1	AH#1 15' BGL	26,500
Quality Control		329
True Value QC	the experience with the property of the proper	300
% Recovery		110
Relative Percent	Difference	3.7

METHOD: EPA 418.1. Reported on wet weight. Not NELAP accredited for 418.1 TPH.

Chamiet



ARDINAL LABORATORIES, INC.

	(915) 673-7001 F	ax (915) 673-7020										ų,		٠.	•				P	ag•1	_or1	
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[†] Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.



SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS, NM 88240 FAX TO: (575) 393-4388

Receiving Date: 08/07/09

Reporting Date: 08/11/09

Project Owner: HOLLY (HOL-09-012)

Project Name: T#2 RELEASE

Project Location: EDDY CO., NM

Analysis Date: 08/10/09

Sampling Date: 08/07/09 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 4°C

Sample Received By: CK

Analyzed By: AB

418.1

LAB NUMBER SAMPLE ID

TPH (mg/kg)

H17949-1	BH #1 20'	8,840
H17949-2	BH #1 25'	<100
H17949-3	BH #1 30'	<100
Quality Control		317
True Value QC	Michigan Communication of the	300
% Recovery		106
Relative Percent	Difference	0.6

METHOD: EPA 418.1. Reported on wet weight. Not accredited for TPH 418.1

Chemist



SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS, NM 88240 FAX TO: (575) 393-4388

Receiving Date: 08/07/09 Reporting Date: 08/12/09

Project Number: HOLLY (HOL-09-012)

Project Name: T #2 RELEASE Project Location: EDDY CO, NM Sampling Date: 08/07/09 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 4 °C

Sample Received By: CK

Analyzed By: ZL

	(mg/kg)	TOLUENE (mg/kg)	BENZENE (mg/kg)	XYLENES (mg/kg)
ANALYSIS DATE:	08/11/09	08/11/09	08/11/09	08/11/09
H17949-1 BH #1 20'	4.60	23.3	7.22	52.5
H17949-2 BH #1 25'	0.641	5.17	2.04	15.0
H17949-3 BH #1 30'	0.183	0.519	0.356	2.05
Quality Control	0.048	0.050	0.051	0.154
True Value QC	0.050	0.050	0.050	0.150
% Recovery	96.0	100	102	103
Relative Percent Difference	<1.0	<1.0	2.1	1.4

METHODS: BTEX - SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

Chemist



February 23, 2010

Bob Allen Safety & Environmental Solutions, Inc. 703 East Clinton, #102 Hobbs, NM 88240

Re: Holly T-2 Release (HOL-09-012)

Enclosed are the results of analyses for sample number H19323, received by the laboratory on 02/22/10 at 4:05 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely.

Celey D./Keene

Laboratory Director



SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS, NM 88240

FAX TO: (575) 393-4388

Receiving Date: 02/22/10

Reporting Date: 02/23/10

Project Owner: HOLLY ENERGY(HOL-09-012)

Project Name: HOLLY T-2 RELEASE

Project Location: EDDY CO., NM

Analysis Date: 02/23/10 Sampling Date: 02/22/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ -1°C

Sample Received By: JH

Analyzed By: AB

LAB NUMBER SAMPLE ID

418.1 TPH (mg/kg)

······································		
H19323-1	EAST WALL 20' BGL	<100
H19323-2	EAST WALL 10' BGL	<100
H19323-3	WEST WALL 20' BGL	<100
H19323-4	WEST WALL 10' BGL	<100
H19323-5	NORTH WALL	<100

-	A Annagangan (Annagan gan di Annagan gan di Annagan gan di Annagan gan gan gan gan gan gan gan gan g	

Quality Contro	ol	313
True Value Q	С	300
% Recovery	and the second s	104
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METHOD: EPA 418.1. Reported on wet weight.

Not accredited for TPH 418.1



SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS, NM 88240 FAX TO: (575) 393-4388

Receiving Date: 02/22/10
Reporting Date: 02/23/10

Reporting Date: 02/23/10

Project Owner: HOLLY (HOL-09-012)
Project Name: HOLLY T-2 RELEASE

Project Location: EDDY CO., NM

Sampling Date: 02/22/10

Sample Type: SOIL

Sample Condition; COOL & INTACT @ -1 °C

Sample Received By: JH

Analyzed By: ZL

H19323-1 H19323-2 H19323-3 H19323-4	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE: H19323-1 EAST WALL 20' BGL H19323-2 EAST WALL 10' BGL H19323-3 WEST WALL 20' BGL H19323-4 WEST WALL 10' BGL H19323-5 NORTH WALL Quality Control True Value QC		02/23/10	02/23/10	02/23/10	02/23/10
H19323-1	EAST WALL 20' BGL	<0.100	<0.100	<0.100	<0.300
H19323-2	EAST WALL 10' BGL	<0.050	< 0.050	<0.050	<0.300
H19323-3	WEST WALL 20' BGL	< 0.050	<0.050	<0.050	<0.300
H19323-4	WEST WALL 10' BGL	<0:050	<0.050	<0.050	<0.300
H19323-5	NORTH WALL	<0.050	<0.050	<0.050	<0.300
Quality Cont	rol	0.058	0.058	0.060	0.172
True Value C	QC .	0.050	0.050	0.050	0.150
% Recovery		116.0	1 1 6.0	120	115
Relative Per	cent Difference	<1.0	<1.0	<1.0	<1.0

METHODS: BTEX - SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

ab Director



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2470

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[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



March 12, 2010

Bob Allen Safety & Environmental Solutions, Inc. 703 East Clinton, #102 Hobbs, NM 88240

Re: T-2 Release (HOL-09-012)

Enclosed are the results of analyses for sample number H19416, received by the laboratory on 03/10/10 at 3:55 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

-Haloacetic Acids (HAA-5)....

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely,

Celey D. Keene Laboratory Director



ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN

703 E. CLINTON, #102 HOBBS, NM 88240 FAX TO: (575) 393-4388

Receiving Date: 03/10/10 Reporting Date: 03/11/10

Project Owner: HOLLY (HOL-09-012)
Project Name: HOLLY T-2 RELEASE
Project Location: EDDY CO., NM

Sampling Date: 03/10/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1 °C

Sample Received By: JH

Analyzed By: ZL

LAB NO.

SAMPLE ID

ETHYL

TOTAL

BENZENE TOLUENE BENZENE XYLENES (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	03/11/10	03/11/10	03/11/10	03/11/10
H19416-1 FLOOR 29' BGL	<0.050	0.182	<0.050	<0.300
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Quality Control	0.021	0.020	0.020	0.060
True Value QC	0.020	0.020	0.020	0.060
% Recovery	105	100	100	100
Relative Percent Difference	8.6	12.7	9.5	10.5

METHODS: BTEX - SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

Lab Director



ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC.

ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS, NM 88240 FAX TO: (575) 393-4388

Receiving Date: 03/10/10 Reporting Date: 03/11/10

Project Owner: HOLLY ENERGY(HOL-09-012)

Project Name: T-2 RELEASE

Project Location: EDDY COUNTY, NM

Analysis Date: 03/11/10 Sampling Date: 03/10/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1°C

Sample Received By: JH

Analyzed By: AB

LAB NUMBER SAMPLE ID TPH (mg/kg)

H19416-1	FLOOR 29' BGL	<100
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	WAY-	
	N. A. C. C. C. C. C. C. C. C. C. C. C. C. C.	
Quality Contro	ı	324
True Value Q0		300
% Recovery	Marie 1990 1990 1990 1990 1990 1990 1990 199	108
Relative Perce	ent Difference	0.6

METHOD: EPA 418.1. Reported on wet weight.

Not accredited for TPH 418.1

Dat

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

Company Name: Safety & Environmental Solutions, Inc.

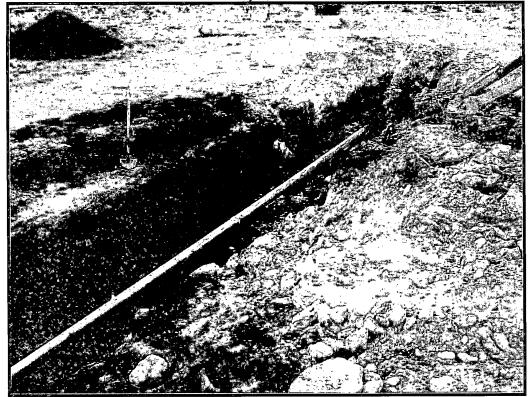
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Project Manage	ger: Bob Allen								P.O. #2																
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Phone #:	575-397-0510 Fax#: 5	75-3	93.	-43	88			Ac	idre	SS:									***************************************						
Project#: HO	Project #: HOL-09-DIZ Project Owner: Holly						: City:										A0000000000000000000000000000000000000		***************************************						
Project Name:	T-2 Release)			State: Zip:										***************************************		,					
Project Locatio	n: Edda Coonta							ы	ione	#:											- Aller				
Sampler Name:	Reizi Call							Fa	x#:									1							
LOS LAS USE ONLY				T	N	MATR	XIX		PR	ESE	RV.	SAMPL	ING T						***						
Lab I.D.	Sample I.D.	KSIRAB OR ICOMP	S Z	GROUNDWATER	WASTEWATER	SOIL	Si ibaf	OTHER:	4CID/BASE;	(CE/COOL	OTHER:	DATE	TIME	学で	さん				van de terret de transportation de la companya de l	And desirable sections of the section of the sectio			vangenauvressessischeinerheinerheinervallen von der vertrette von der vertrette vertrette vertrette vertrette		
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† Cardinal	cannot accept verbal changes. Ple	ase fa	ΧW	ritte	n chi	ande	sto	57!	5-39	3-2	76.														

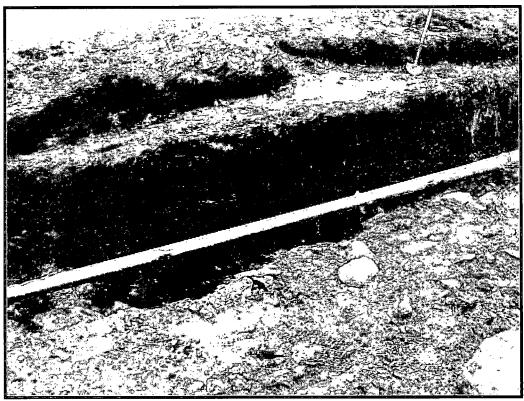
BILL TO

P.O. #:

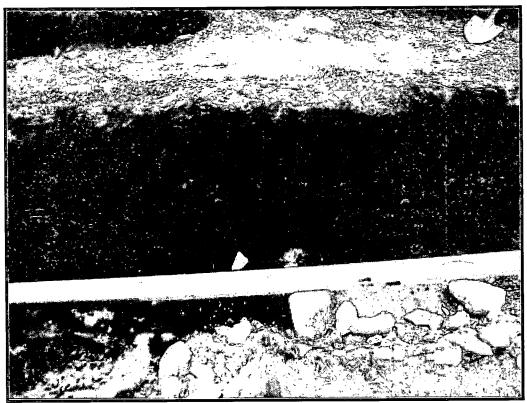
Appendix B Site Photos



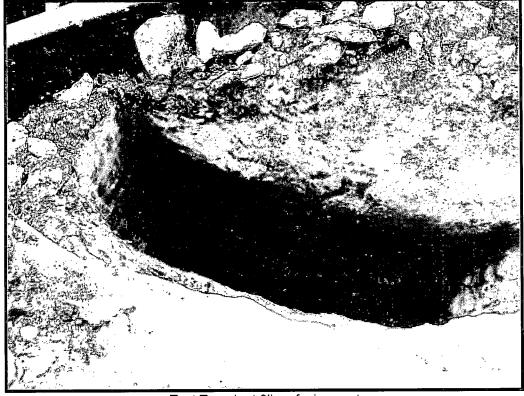
Release area facing east



North wall of release area facing north



North wall of release area facing north



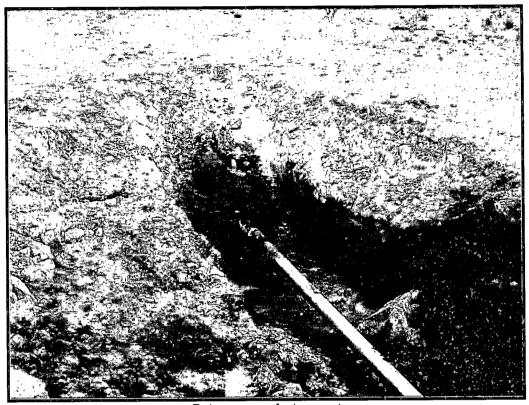
Test Trench at 9'bgs facing east



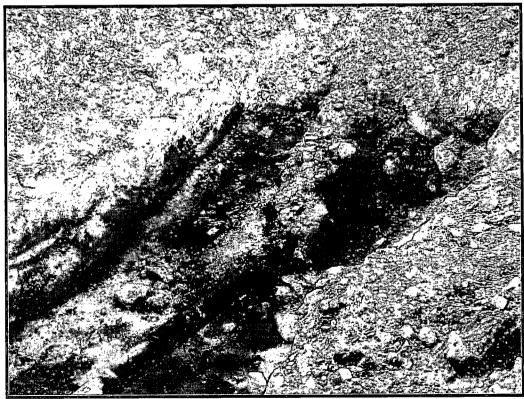
Test Trench 12 1/2'bgs facing north



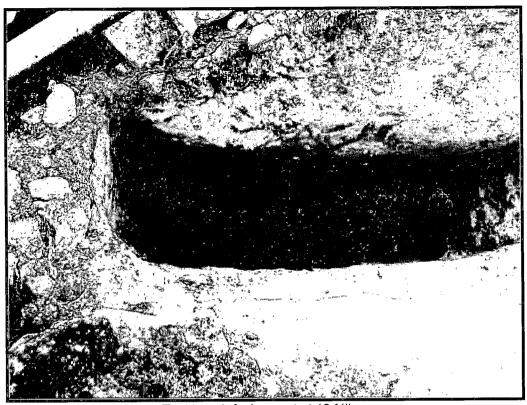
North wall of release area facing northwest



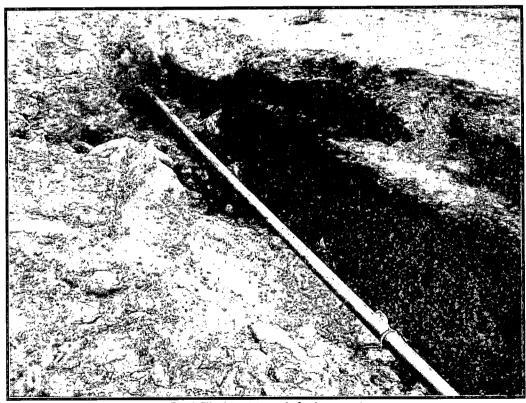
Release area facing west



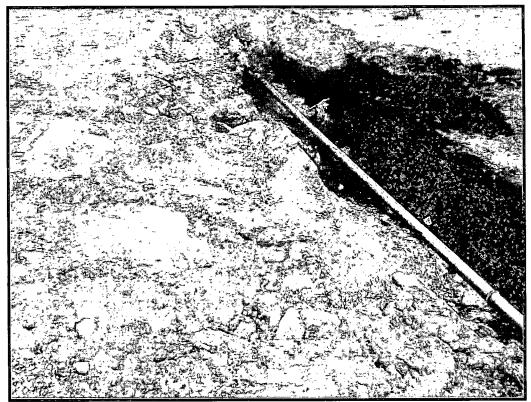
Release area facing east



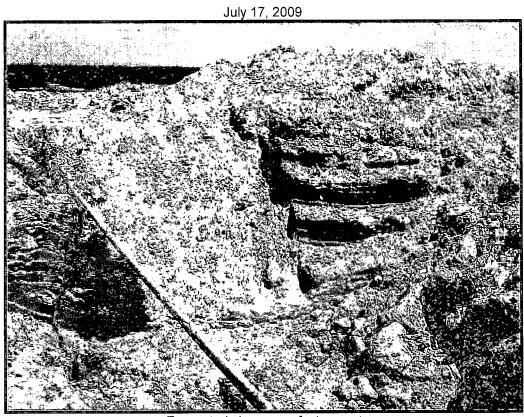
Test trench facing east at 12 ½'bgs



Backfilled test trench facing west



Backfilled test trench facing west



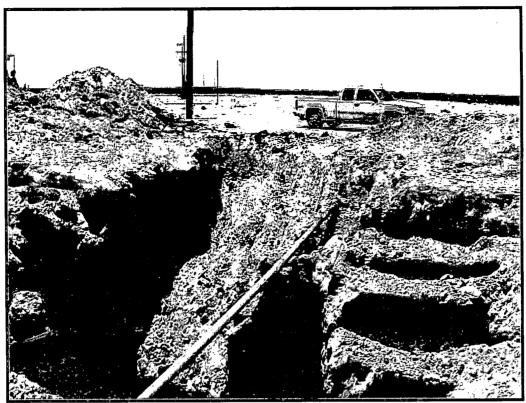
Excavated slope area facing east



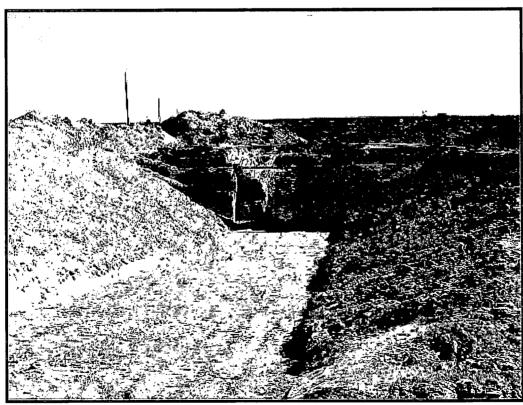
Excavated bottom



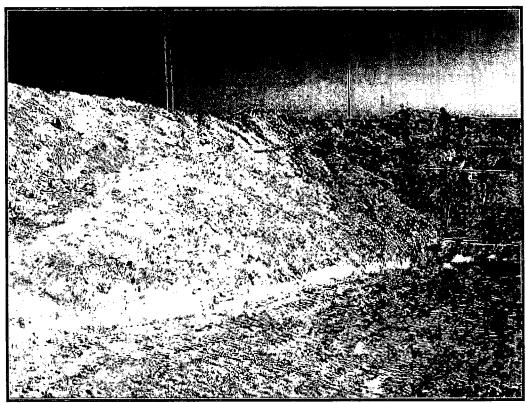
Excavated sloped area facing east



Excavated sloped area facing west



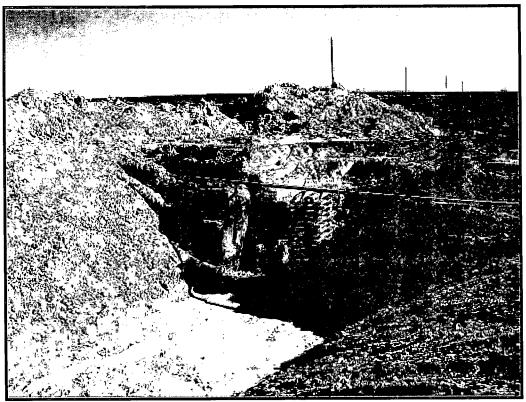
Excavated ramp area facing north



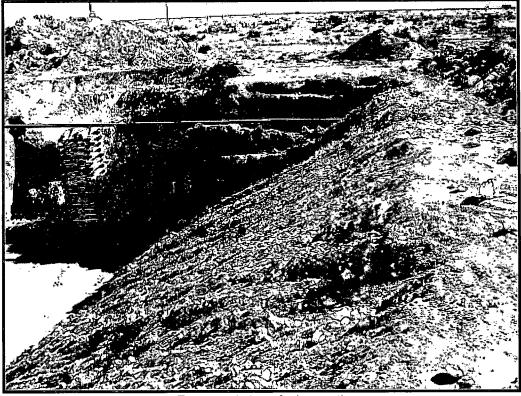
Excavated ramp with slope facing northwest



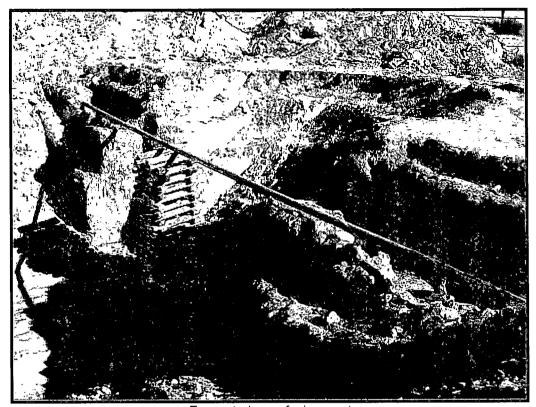
Excavated ramp area with slope facing northeast



Excavated bottom facing north



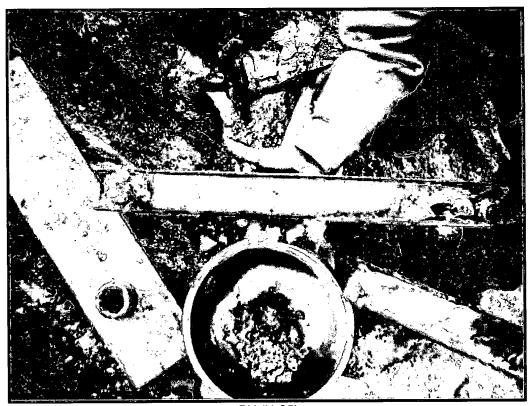
Excavated slope facing north



Excavated area facing west



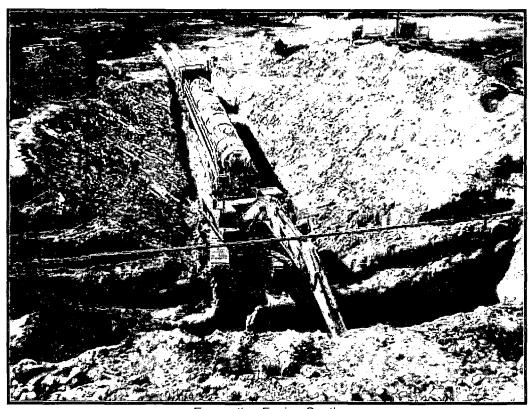
BH #1 20'



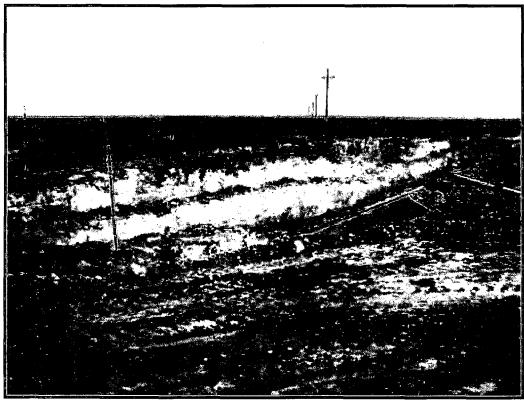
BH #1 25



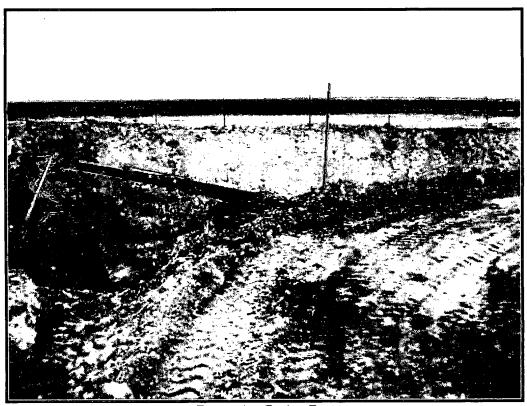
BH #1 30'



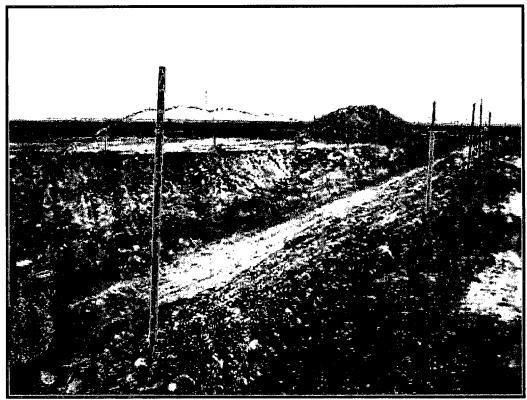
Excavation Facing South



Excavation Facing NE



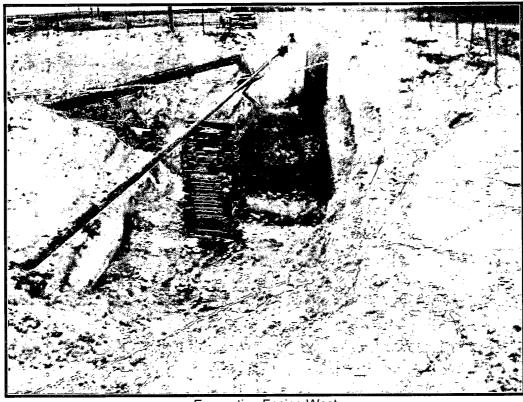
Excavation Facing East



Ramp Facing East



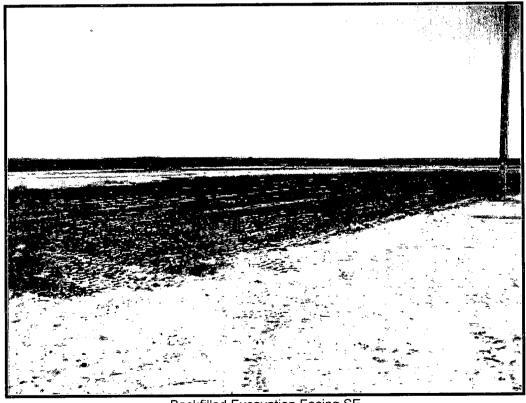
Ramp Facing North



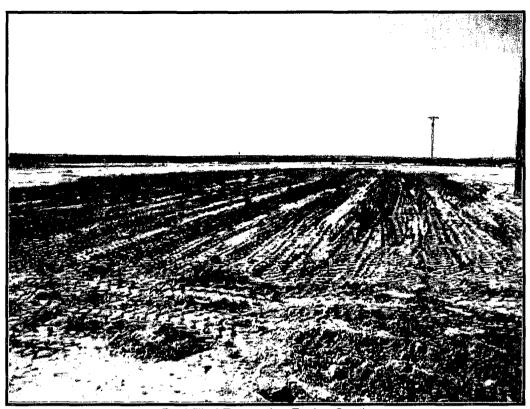
Excavation Facing West



Backfilled Excavation Facing East



Backfilled Excavation Facing SE



Backfilled Excavation Facing South