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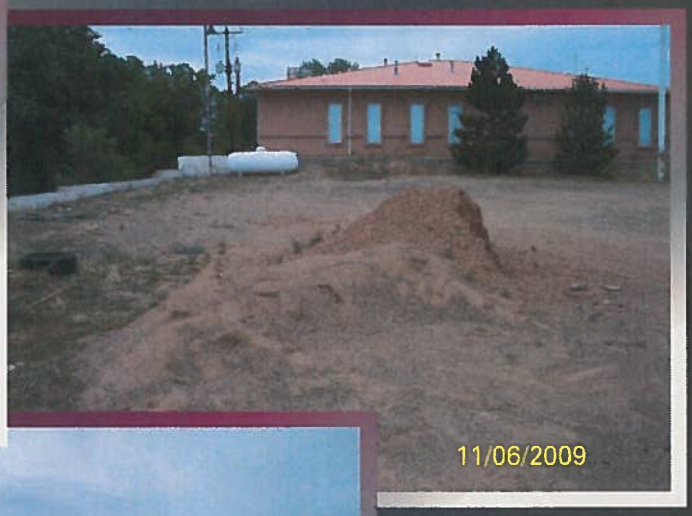
Site Evaluation and Groundwater Monitoring Report 6-09

Former Leonard's Conoco
603 Parker Avenue
Santa Rosa, New Mexico



Submitted To:

Ms. Lorena Goerger
New Mexico Environment Department
Petroleum Storage Tank Bureau
1301 Siler Road, Building B
Santa Fe, NM 87507

Site Evaluation and Groundwater Monitoring Report 6-09

Former Leonard's Conoco Facility
603 Parker Avenue
Santa Rosa, New Mexico

Submitted to:

Ms. Lorena Georger
New Mexico Environment Department
Petroleum Storage Tank Bureau
P.O. Box 26110
Santa Fe, New Mexico 87502

TABLE OF CONTENTS

1.0 BACKGROUND/SITE HISTORY

The Former Leonard's Conoco Facility (the Site) is located at 603 Parker Avenue in Santa Rosa, New Mexico. Currently, the Site is the location of the Magistrate Court Division #1 Building for Guadalupe County, New Mexico. On June 26, 1991 hydrocarbon releases were documented at the Site during removal of three 4,000-gallon gasoline underground storage tanks (USTs) and one 560-gallon waste oil UST. Monteverde, Inc. (MVI), was retained by the responsible party and conducted a Minimum Site Assessment (MSA) in 1995 during which 8 shallow soil borings were advanced in the Site vicinity, four of which were completed as monitor wells (MW-1, MW-2, MW-3, and MW-4). According to MVI, a limited excavation and disposal was performed prior to their drilling and immediately following removal of the USTs and "13 loads" of clean fill were brought in to replace the removed contaminated soils.

Innovative Explorations (INEX) was retained by the responsible party to perform work between 1997 and 2004 and conducted approximately annual groundwater monitoring events at the Site through 2001. According to the 2004 INEX report, the old Leonard's Conoco station was demolished and the new Court building was constructed in 2000. During this time, MW-2 was destroyed and a new well MW-2a was installed nearby as a replacement. Subsequently, the site apparently went through several ownerships and was eventually determined to be an "orphan" site by the New Mexico Environment Department-Petroleum Storage Tank Bureau (NMED).

Tecumseh Professional Associates, Inc. (TPA) was awarded a contract to perform environmental consulting services at the Site by the NMED in March 2006 as part of the State Lead Remediation and Site Investigation and Monitoring Services request for proposal (RFP) selection process. TPA and its subcontractor Brown Environmental, Inc. (BEI) are performing the work under NMED Professional Services Contract #06-667-3500-0008.

TPA/BEI conducted this site evaluation and groundwater-monitoring event at the Site on June 11, 2009. Figure 1 presents a Site base map summarizing the locations of buildings, monitor wells, and other important features identified during TPA/BEI's site evaluation including an adjacent abandoned service station (currently Mi Casa Laundromat) located immediately east of the Site.

2.0 FIELD SAMPLING PROCEDURES

As per the requirements of CFR 1910.120, TPA/BEI prepared a site-specific Health and Safety Plan prior to initiation of field activities at the Site.

Only two of the monitor wells could be located during our Site evaluation. Only MW-3 contained sufficient water for sampling as well MW-2a was dry. TPA/BEI's groundwater sampling procedures were as follows. Prior to purging and sampling, the water level in the well was measured using an electronic water level meter. Temperature, pH, and conductivity measurements were taken during well purging to document well stabilization. At least three well volumes were removed prior to collection of groundwater samples using a dedicated disposable bailer. Groundwater samples were stored in appropriate containers using the appropriate preservatives. Samples were collected using strict chain-of-custody procedures, stored on ice in a cooler, and hand-delivered to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico. Purge water was discharged to an on-site paved surface to allow volatilization of any volatile organic compounds (VOCs).

Each sample was analyzed in the laboratory for VOCs including benzene, toluene, ethyl benzene, and total xylenes (BTEX), methyl-tertiary butyl ether (MTBE), tri-methyl benzenes (TMBs), 1,2-dibromoethane (EDB), 1,2-dichloroethane (EDC), and napthalenes plus mono-methyl naphthalenes (NAPH) using EPA Method 8260.

Laboratory analytical data sheets are included in Appendix A of this report.

3.0 RESULTS AND RECOMMENDATIONS

TPA/BEI conducted a site evaluation and groundwater sampling event on June 11, 2009. A new base map was created for the Site (Figure 1). A series of photographs documenting current site conditions is included in Appendix B. Table 1 presents a cumulative summary of available laboratory analytical results for the single groundwater sample collected by TPA/BEI, and past sampling events conducted by MVI and INEX. During our June 2009 sampling event, only two wells were identified at the Site. MW-2a was present but was dry to a depth of 13.97 feet below the top of casing (TOC). Well MW-3 was 28.81 feet deep and contained static water at a depth of 13.90 feet below TOC. Well MW-4 could not be located, however, a broken well can and pipe stub were identified just to the north of the Site adjacent to the block wall (Appendix B). Figure 1 presents the organic laboratory analytical results for the groundwater sample collected from well MW-3.

All VOCs tested for (including BTEX, MTBE, TMBs, EDB, EDC, and NAPH) were below laboratory method detection limits (MDLs) and therefore below the applicable WQCC standards. Long-term trend analysis of the water quality at the Site as shown in Table 1 indicates monitored natural attenuation (MNA) processes have been occurring with respect to VOCs in groundwater. The current condition of the subsurface soils in the vicinity of the former tank pit are unknown but have likely improved based on available data. It should be noted that the MSA performed by MVI in 1995 reported elevated levels of gasoline, kerosene, and waste oil range hydrocarbons in the release areas.

Based on long-term water quality trends, TPA/BEI recommend advancement of a limited number of soil borings and collection of single-event groundwater samples to confirm current soil and groundwater quality at the Site. If hydrocarbons are below regulatory standards then we recommend plugging and abandonment of the remaining wells followed by regulatory site closure.

4.0 REFERENCES

Monteverde, Inc. (1995) Minimum Site Assessment - Leonard's Conoco 603 Paraker, Santa Rosa, New Mexico.

Innovative Explorations (2004) Summary Report of Groundwater Monitoring Analytical Data – Leonard's Conoco UST Site, Santa Rosa, New Mexico.

5.0 STATEMENT OF FAMILIARITY

We are personally familiar with the information presented in this report and it is accurate and complete to the best of our knowledge.

Tecumseh Professional Associates, Inc./Brown Environmental Inc.

William J. Brown, P.G.
Manager, Environmental Services

295' from block wall to railroad tracks
315' to fence on north side of rr tracks

primitive four wheel road

location of old monitor well
manway with broken well
casing

grove of chinese elms

APPROXIMATE
FORMER LOCATION OF
LEONARD'S CONOCO

propane
tank

block wall 6-8' drop off

6/09
WELL
DRY

MW-2a

~MW-4

dirt pile

6/09
unable to
locate
possibly
destroyed

propane
tank

low block
wall

approximate
former UST
location

~MW-1
well
destroyed
(2000)

concrete
parking
lot

dirt

Mi Casa
Laundromat
(Former
Service
Station)

canopy

concrete

Club
Cafe

concrete lot

gravel lot

Magistrate Court
Division 1
Guadalupe County

planter

sidewalk

MW-3

6/09
B=<1.0
T=<1.0
E=<1.0
X=<1.5
M=<1.0
TB=<1.0
EC=<1.0
EB=<1.0
N=<10.0

sidewalk

OLD HIGHWAY 66

sidewalk

sidewalk

P & M
Connections

Motel
Tower

alley

driveway
access to hotels

uphill

EXPLANATION

MW-19 Big Rock Site Monitor Well

MW-4 Missing Monitor Well

Building

Asphalt/Road

Concrete

Dirt

Trees/Vegetation

Fence

Overhead Power

ORGANIC GROUNDWATER QUALITY
(in ppb)

6/09	6/09 = date of sampling
B=450	B=benzene
T=24	T=toluene
E=97	E=ethyl benzene
X=64	X=total xylenes
M=<5	M=MTBE
TB=25.1	TB=tri-methyl benzenes
EC=<5	EC=1,2 dichloroethane
EB=<5	EB=1,2 dibromoethane
N=17	N=total naphthalenes

approximate locations for missing wells and former station facilities
obtained from Innovative Explorations Report, 2004

N

0 40 ft

Scale 1" = 40'

SITE BASE MAP WITH 6-09 GROUNDWATER SAMPLING RESULTS

Leonard's Conoco
603 Parker Avenue, Santa Rosa, NM

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5600 Wyoming Blvd NE Suite 150 Albuquerque, New Mexico 87109
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BROWN ENVIRONMENTAL, INC.
6739 ACADEMY ROAD NE, SUITE 234 ALBUQUERQUE, NEW MEXICO 87109
PHONE: (505) 858-1818 FAX: (505)858-0707

Drawn by:	PJF	6/09	Client: NMED
Drafted by:	EMB	6/09	Job #: 1153
Reviewed by:	WJB	6/09	Figure: 1

TABLE 1
SUMMARY OF ORGANIC GROUNDWATER LABORATORY ANALYTICAL DATA
FORMER LEONARD'S CONOCO FACILITY, SANTA ROSA, NM

LOCATION OF WELL	SAMPLE DATE	SAMPLER	BENZENE ug/l	TOLUENE ug/l	ETHYL BENZENE ug/l	TOTAL XYLENES ug/l	METHYL-TERTIARY BUTYL ETHER ug/l	TRI-METHYL BENZENES ug/l	1,2-DICHLORO-ETHANE (EDC) ug/l	1,2-DIBROMO-ETHANE (EDB) ug/l	NAPHTH + MONO-METHYL NAPHTH ug/l
WQCC/PSTR STANDARDS			**10**	**750**	**750**	**620**	**100**		**10**	**0.1**	**30**
MW-1	3/31/05	Monteverde	440	26	400	81	320	---	---	---	---
	11/7/97	INEX	180	2.7	36	6.5	150	---	13	ND	---
	10/18/98	INEX	83	2.7	71	12	43	---	2	ND	---
	3/20/99	INEX	57	ND	90	4	10	---	ND	ND	---
	12/31/00	INEX	unable to sample - monitor well destroyed								
MW-2	3/31/05	Monteverde	420	6.4	540	86	4.5	---	---	---	---
	11/7/97	INEX	3.3	ND	1.6	2.3	1.2	---	15	ND	---
	10/18/98	INEX	6.3	ND	0.7	2.5	ND	---	---	---	---
	3/20/00(?)	INEX	well reportedly plugged and abandoned								
MW-2a	12/31/00	INEX	ND	ND	ND	ND	ND	---	ND	ND	---
	9/23/01	INEX	ND	ND	ND	ND	ND	---	ND	ND	---
	6/11/09	TPA/BEI	well dry - unable to sample								
MW-3	3/31/05	Monteverde	39	8.2	6.3	15	ND	---	---	---	---
	11/7/97	INEX	ND	ND	ND	ND	ND	---	3.2	ND	---
	10/18/98	INEX	ND	ND	ND	ND	ND	---	0.8	ND	---
	3/20/99	INEX	ND	ND	ND	ND	ND	---	0.6	ND	---
	12/31/00	INEX	ND	ND	ND	ND	ND	---	ND	ND	---
	9/23/01	INEX	ND	ND	ND	ND	ND	---	ND	ND	---
	6/11/09	TPA/BEI	<1.0	<1.0	<1.0	<1.5	<1.0	<2.0	<1.0	<1.0	<10.0
MW-4	3/31/05	Monteverde	ND	3.0	ND	2.9	ND	---	---	---	---
	11/7/97	INEX	ND	ND	ND	ND	ND	---	ND	ND	---
	10/18/98	INEX	ND	ND	ND	ND	ND	---	0.9	ND	---
	3/20/99	INEX	ND	ND	ND	ND	ND	---	0.3	ND	---
	12/31/00	INEX	ND	ND	ND	ND	ND	---	ND	ND	---
	9/23/01	INEX	ND	ND	ND	ND	ND	---	ND	ND	---
	6/11/09	TPA/BEI	unable to located well - monitor well may have been destroyed								
TRIP BLANK	6/11/09	TPA/BEI	<1.0	<1.0	<1.0	<1.5	<1.0	<2.0	<1.0	<1.0	<10.0

ND= compound below laboratory method detection limits

--- = compound not reported/not analyzed for

INEX and Monterde Data obtained from INEX report dated June 14, 2004

NAPHTH: naphthalene
ug/l: micrograms/liter
INEX=Innovative Explorations

Monteverde=Monteverde Associates, Inc.
TPA: Tecumseh Prof. Assoc., Inc.
BEI: Brown Env., Inc.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

JUN 18 2009

COVER LETTER

Tuesday, June 16, 2009

Bill Brown
Tecumseh
5600 Wyoming Blvd. NE Suite 150
Albuquerque, NM 87109

TEL: (505) 293-1156
FAX (505) 293-1971

RE: Leonard's Conoco

Order No.: 0906260

Dear Bill Brown:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 6/12/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

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

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

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

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jun-09*

CLIENT:	Tecumseh	**Client Sample ID:**	MW-3
Lab Order:	0906260	**Collection Date:**	6/11/2009 1:05:00 PM
Project:	Leonard's Conoco	**Date Received:**	6/12/2009
Lab ID:	0906260-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/15/2009 6:50:24 PM
Methylene Chloride	ND	3.0		µg/L	1	6/15/2009 6:50:24 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
Styrene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/15/2009 6:50:24 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/15/2009 6:50:24 PM
Vinyl chloride	ND	1.0		µg/L	1	6/15/2009 6:50:24 PM
Xylenes, Total	ND	1.5		µg/L	1	6/15/2009 6:50:24 PM
Surr: 1,2-Dichloroethane-d4	76.8	68.1-123		%REC	1	6/15/2009 6:50:24 PM
Surr: 4-Bromofluorobenzene	78.8	53.2-145		%REC	1	6/15/2009 6:50:24 PM
Surr: Dibromofluoromethane	87.0	68.5-119		%REC	1	6/15/2009 6:50:24 PM
Surr: Toluene-d8	91.4	64-131		%REC	1	6/15/2009 6:50:24 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Jun-09*

CLIENT:	Tecumseh	**Client Sample ID:**	Trip Blank
Lab Order:	0906260	**Collection Date:**	
Project:	Leonard's Conoco	**Date Received:**	6/12/2009
Lab ID:	0906260-02	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/15/2009 7:19:04 PM
Methylene Chloride	ND	3.0		µg/L	1	6/15/2009 7:19:04 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
Styrene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/15/2009 7:19:04 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/15/2009 7:19:04 PM
Vinyl chloride	ND	1.0		µg/L	1	6/15/2009 7:19:04 PM
Xylenes, Total	ND	1.5		µg/L	1	6/15/2009 7:19:04 PM
Surr: 1,2-Dichloroethane-d4	76.0	68.1-123		%REC	1	6/15/2009 7:19:04 PM
Surr: 4-Bromofluorobenzene	82.4	53.2-145		%REC	1	6/15/2009 7:19:04 PM
Surr: Dibromofluoromethane	89.4	68.5-119		%REC	1	6/15/2009 7:19:04 PM
Surr: Toluene-d8	92.9	64-131		%REC	1	6/15/2009 7:19:04 PM

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Tecumseh
Project: Leonard's Conoco **Work Order:** 0906260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R34090**		Analysis Date:	6/15/2009 8:39:44 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b5		*MBLK*			Batch ID: **R34090**		Analysis Date:	6/15/2009 9:42:45 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Tecumseh
Project: Leonard's Conoco **Work Order:** 0906260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID: **R34090**		Analysis Date:	6/15/2009 10:20:15 AM	
Benzene	19.76	µg/L	1.0	98.8	76.7	114			
Toluene	20.09	µg/L	1.0	100	78.4	117			
Chlorobenzene	22.39	µg/L	1.0	112	80.7	127			
1,1-Dichloroethene	20.96	µg/L	1.0	105	80.2	128			
Trichloroethene (TCE)	18.45	µg/L	1.0	92.2	77.4	115			
Sample ID: 100ng lcs_b		*LCS*			Batch ID: **R34090**		Analysis Date:	6/15/2009 10:39:58 PM	
Benzene	19.14	µg/L	1.0	95.7	76.7	114			
Toluene	19.95	µg/L	1.0	99.8	78.4	117			
Chlorobenzene	22.54	µg/L	1.0	113	80.7	127			
1,1-Dichloroethene	19.65	µg/L	1.0	98.3	80.2	128			
Trichloroethene (TCE)	17.41	µg/L	1.0	87.0	77.4	115			

Qualifiers:

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

Chain-of-Custody Record

Client: Tecumseh PA

Mailing Address: 5600 Wyoming NE
Ste 150 ABQ NM 87109

Phone #: (505) 293-1156

email or Fax#: (505) 293-1971

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____

Project Name: Leonard's Conoco

Project #:

Project Manager: B. Brown

Sampler: P Ferraw

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.1°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
11/09	1305	H_2O	MW-3	3 40ml	HgCl	0906240-1										X		
—	—	H_2O	Trip Blank	2 40ml	HgCl	-2										X		

Analysis Request

Remarks:

Date:	Time:	Relinquished by:	Received by:	Date	Time
11/09	12:33	Peter Ferraw		11/12/09	1233
Date:	Time:	Relinquished by:	Received by:	Date	Time

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

APPENDIX B - SITE PHOTOS – FORMER LEONARD'S CONOCO, SANTA ROSA, NM

VIEW NORTH TOWARDS FORMER LEONARDS CONOCO PROPERTY
(CURRENTLY GUADALUPE COUNTY MAGISTRATE DISTRICT COURT)

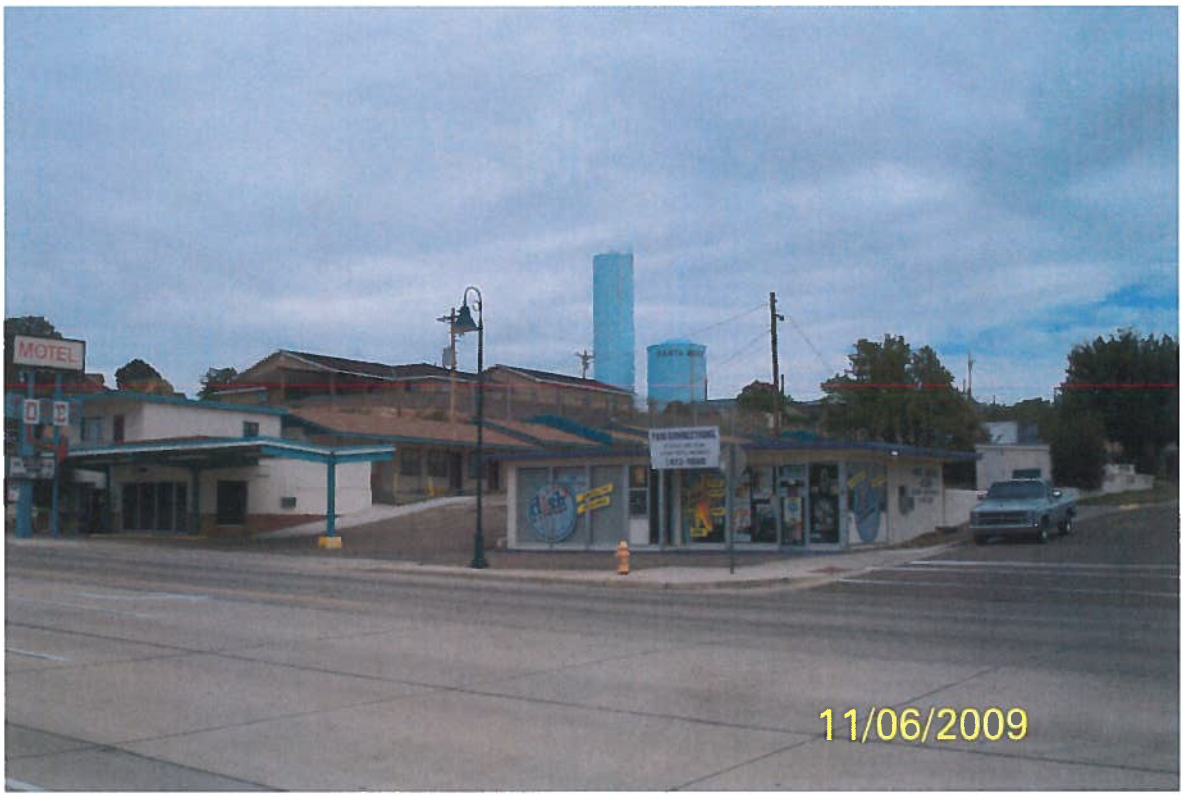
VIEW EAST HIGHLIGHTING LOCATION OF FORMER USTS (RIGHT
SIDE OF PHOTO) AND SERVICE STATION BUILDING

VIEW EAST OF SITE HIGHLIGHTING FORMER ADJACENT SERVICE STATION (CURRENTLY THE LOCATION OF MI CASA LAUNDROMAT)

VIEW ALONG NORTH SIDE OF COURT BUILDING LOOKING EAST HIGHLIGHTING CONCRETE WALL/DROPOFF AND WELL MW-2A (ORANGE)

STANDING WEST OF SITE LOOKING EAST

VIEW FROM SITE LOOKING SOUTH ACROSS ROUTE 66 TO ADJACENT PROPERTIES HIGHLIGHTING HILLY TOPOGRAPHY



VIEW NORTH TOWARDS VACANT LOT AND UNION PACIFIC RAILROAD; BLOCK WALL IN FOREGROUND

BROKEN WELL CAN AND PVC PIPE LOCATED JUST NORTH OF SITE