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SHALLOW SUBSURFACE INVESTIGATION AT ROSWELL COMPRESSOR STATION CHAVES COUNTY, NEW MEXICO

PREPARED FOR TRANSWESTERN PIPELINE COMPANY ROSWELL, NEW MEXICO

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PREPARED BY
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ALBUQUERQUE, NEW MEXICO

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Station . . .

SHALLOW SUBSURFACE INVESTIGATION AT ROSWELL COMPRESSOR STATION CHAVES COUNTY, NEW MEXICO

Introduction

In July 1991, METRIC Corporation assisted Transwestern Pipeline Company in conducting comprehensive soil borings at its Roswell Compressor Station in order to assess the presence of organic constituents in three abandoned waste disposal pits. Additionally, this study was performed to determine the horizontal and vertical extent of the organic constituents identified. Results of the subsurface investigation are presented in this report.

The compressor station is located 5 miles north of Roswell, New Mexico. The investigation was conducted at the northeast corner of the station in the vicinity of the three abandoned waste disposal pits.

Eighteen borehole locations were planned in coordination with Transwestern Pipeline personnel, focusing on the vicinity of the disposal pit sites. Six boreholes were developed on site and twelve boreholes were developed off site to the north and east (FIGURE 1).

Borehole Sampling and Analytical Field Screening

Borehole drilling was provided by METRIC Corporation using a CME-55 auger drilling rig equipped with 3 1/4-inch hollow stem augers and a CME continuous sampling system. Augers and continuous samplers were steam cleaned to eliminate contamination within a sampling borehole and potential cross contamination among the boreholes.

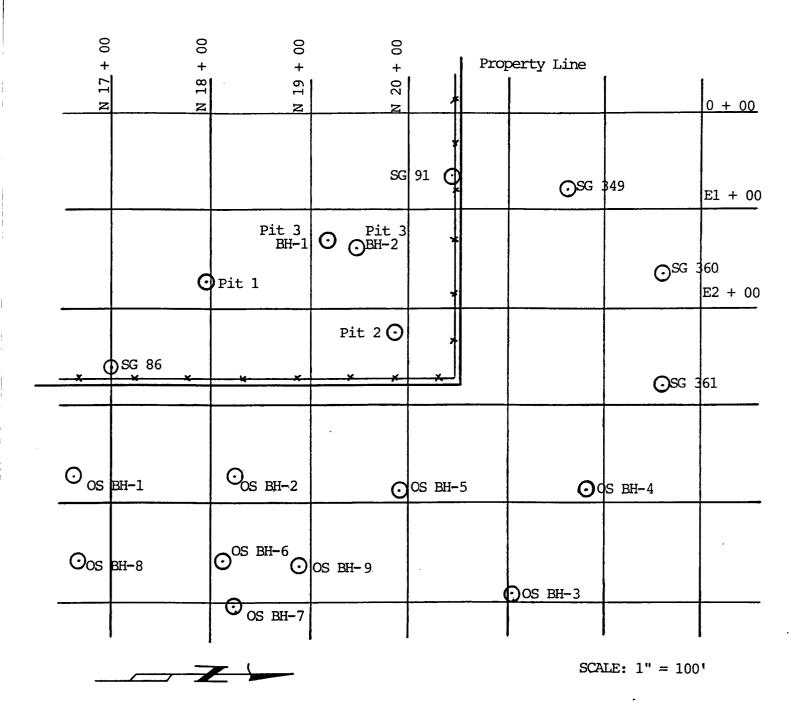


FIGURE 1

BOREHOLE LOCATIONS
FOR SUBSURFACE INVESTIGATION
ROSWELL COMPRESSOR STATION

Drilling was generally conducted to the depth of an underlying impermeable or red clay layer. Soil cores withdrawn using the continuous sampler were scanned with a portable organic vapor (OVA) in order to guide sample selection. Samples were collected in 8 oz. glass jars, placed on ice, accompanied with a properly completed chain of custody form, and shipped by Federal Express overnight delivery to Assaigai Laboratories in Albuquerque, New Mexico. Methods 8010 and 418.1 were performed for all samples to determine light and heavy hydrocarbon constituents. Method 8020 was performed at selected locations to determine the type of constituents. Analyses performed are indicated on TABLE 1 for boreholes sampled. Borehole sample logs are provided in APPENDIX A.

Analytical Results

The analyses performed for the July 1991 sampling, as outlined in TABLE 1, are presented in TABLES 2, 3, and 4 for purgeable halocarbons (Method 8010), aromatic volatile organics (Method 8020), and total recoverable petroleum hydrocarbons (Method 418.1), respectively. Laboratory reports are provided in APPENDICES B and C.

Purgeable halocarbons were determined to be present within 30 feet of the surface at Pit 1, Pit 2, and SG 86 borehole locations (TABLE 2 and PLATE 1). Hits for 1,1,1-Trichloroethane are shown at Pit 1 for depth intervals of 1.8'-3.0', 9.2'-9.4', 13.5'-13.7', and 18.8'-19.0', and 26.8'-27.0' depth intervals for Pit 1. Chloroform and 1,1-Dichloroethane were also hit at Pit 1 depth interval of 13.5'-13.7'.

At Pit 2, 1,1,1-Trichloroethane and Tetrachloroethene were hit at the 18.7'-18.9' interval. These two constituents were also hit at the 13.5'-13.7' interval of SG 86. Only Tetrachloroethene was

hit at SG 86 depth interval of 18.7'-18.9'.

Low level concentrations of Tetrachloroethene were hit at boreholes OS BH-7 and OS BH-8 at depth intervals of 37.0'-37.2' and 33.9'-34.1', respectively. Chlorobenzene was also hit at the 33.9'-34.1' interval of OS BH-8.

Analysis results for aromatic volatile organic constituents indicate hits for Ethylbenzene and Xylenes in boreholes OS BH-7 and OS BH-8 at depth intervals of 37.0'-37.2' and 47.7'-39.9'.

Organic constituents hit as a result of Method 8010 and 8020 analyses were not continuous or contiguous throughout the area investigated.

For total recoverable petroleum hydrocarbons (TRPH), analytical results indicate concentrations >100 ppm at boreholes Pit 1, Pit 2, SG 86 and OS BH-9 (TABLE 4 and PLATE 1). At Pit 1, TRPH were detected for all sample intervals to a depth of 43.7'. Pit 2 hit TRPH in nearly all depth intervals to 57.8'. At SG 86, TRPH were hit at 13.5'-13.7', 18.7'-18.9', and 35.0'-35.2'. Finally, at OS BH-9, levels of TRPH >100 ppm were hit only at the 32.0'-32.5' depth interval.

Investigation Results

Based on the July 1991 borehole data, flame ionization detector (OVA) and photoionization detector (PID) data, and analytical results of borehole sampling, the configuration of maximum

TABLE 1

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

SAMPLE NUMBER	PURGEABLE HALOCARBONS	AROMATIC VOLATILE ORGANICS	
	8010	8020	418.1
Pit 1, 2.8'-3.0'	X		x
Pit 1, 9.2'-9.4'	X		X
Pit 1, 13.5'-13.7'	X		X
Pit 1, 18.8'-19.0'	X		X
Pit 1, 26.8'-27.0'	X X		X
Pit 1, 30.6'-30.8' Pit 1, 41.6'-41.8'	X X	x	X
Pit 1, 43.5'-43.7'	X	X	X X
110 1, 45.5 45.7	A	Λ	A
Pit 2, sample 001	x		x
Pit 2, sample 002	X		X
Pit 2, 26.0'-26.2'	X		X
Pit 2, 29.1'-29.3'	X		X
Pit 2, 39.8'-39.9'	X		X
Pit 2, 44.1'-44.3	X	X	X
Pit 2, 57.5'-57.8'	X		X
Pit 2, 69.9'-70.1'	x	X	x
Pit 3, BH-1, 30.71-30.91	×	x	x
Pit 3, BH-2, 25.0'-25.2		x	X
SG 86, 13.5'-13.7'	X		. X
SG 86, 18.7'-18.9'	X		X
SG 86, 24.9'-25.1'	X		X
SG 86, 25.0'-35.2'	X		X
SG 86, 35.0'-35.2'	X		X
SG 86, 40.5'-40.7'	X	x	X
,	••	•	Α

TABLE 1 (Continued)

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

SAMPLE NUMBER	PURGEABLE HALOCARBONS	AROMATIC VOLATILE ORGANICS	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
	8010	8020	418.1
	v	•	**
SG 91, 28.6'-28.8'	X X	X	X
SG 349, 0.0'-1.8' SG 349, 2.9'-4.6'	X		X X
SG 349, 9.0'-10.0'	X		X
SG 349, 14.0'-14.8'	X		X
SG 349, 20.3'-21.3'	X		X
SG 349, 25.3'-26.3'	X		X
SG 349, 29.7'-30.4'	X	X	X
•			
SG 360, 0.0'-2.5'	X		X
SG 360, 4.0'-5.0'	X		X
SG 360, 9.0'-9.9'	Х	•	X
SG 360, 14.0'-14.7'	X		X
SG 360, 19.0'-20.0'	X		X
SG 360, 24.0'-25.0'	X		X
SG 360, 29.0'-29.4'	x		X
SG 361, 0.0'-2.5'	x		x
SG 361, 4.0'-5.0'	X		X
SG 361, 9.0'-10.0'	X		X
SG 361, 16.0'-16.4'	X		X
SG 361, 19.5'-19.8'	X		X
SG 361, 24.0'-25.0'	X		X
SG 361, 38.9'-39.3'	X		. Х
OS BH-1, 18.9'-19.1'	X		X
OS BH-1, 34.2'-34.5'	X		X
OS BH-2, 9.9'-10.1'	v		v
OS BH-2, 9.9'-10.1'	X X		X X
OS BH-2, 31.1'-31.3'	X		X
DII 21 31.1 -31.3	A		Λ

TABLE 1 (Continued)

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

SAMPLE NUMBER	PURGEABLE HALOCARBONS	AROMATIC VOLATILE ORGANICS	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
	8010	8020	418.1
OS BH-2, 41.8'-42.0'	x		x
OS BH-2, 55.2'-55.4' OS BH-2, 69.0'-69.2'	X X		X X
OS BH-3, 21.0'-21.2'	X	x	X
OS BH-3, 44.1'-44.3' OS BH-3, 54.7'-55.0'	X X	x	X X
OS BH-4, 27.5'-27.7'	x	х	х
OS BH-5, 14.0'-14.2'	X		X
OS BH-5, 19.6'-19.9' OS BH-5, 23.4'-23.6'	X X	x	X X
OS BH-6, 13.6'-13.8'	X X		X X
OS BH-6, 47.0'-47.2' OS BH-6, 52.6'-52.8' OS BH-6, 70.0'-71.0'	X X	x	X X
OS BH-7, 22.1'-22.3'	X	х	X
OS BH-7, 33.5'-33.7' OS BH-7, 37.0'-37.2'	X X	x	X
OS BH-8, 4.6'-4.9' OS BH-8, 33.9'-34.1'	X X		X X
OS BH-8, 49.7'-49.9'	X	x	X

TABLE 1 (Continued)

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

SAMPLE NUMBER		PURGEABLE HALOCARBONS	AROMATIC VOLATILE ORGANICS	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
		8010	8020	418.1
_	4.5'-4.9' 32.0'-32.5'	x x		X X
	49.5'-49.7'	X	Х	X

. .

TABLE 2
SUMMARY OF ANALYTICAL RESULTS FOR PURGEABLE HALOCARBON OCCURRENCE
AT ROSWELL COMPRESSOR STATION

PARAMETER			···········		SAMPLE NU	MBER			·		
	Pit 1 1.8'-3.0'	Pit 1 9.2'-9.4'	Pit 1 13.5'-13.7'	Pit 1 18.8'-19.0'	Pit 1 26.8'-27.0'	Pit 1 30.6'-30.8'	Pit 1 41.6'-41.8'	Pit 1 43.5'-43.7'	Pit 2 001 (Pit 2 002 18.7'-18.9')	Pit 2 26.0'-26.2'
Purgeable Halocarbon Compounds (mg/kg) Method 8010											
1,1,1-Trichloroethand Tetrachloroethene Chloroform 1,1-Dichloroethane	BDL BDL BDL	19 0.26 BDL BDL	18 0.33 0.20 0.59	0.33 0.87 BDL BDL	BDL 0.16 BDL BDL	BDL BDL BDL	BDL BDL BDL BDL	BDL BDL BDL BDL	BDL BDL BDL BDL	0.37 0.65 BDL BDL	BDL BDL BDL BDL

PARAMETER	SAMPLE NUMBER								
	Pit 2 29.1'-29.3'	P1t 2 39.8'-39.9'	Pit 2 44.1'-44.3'	Pit 2 57.5'-57.8'	Pit 2 69.0'-70.1'	Pit 3, BH-1 30.7'-30.9'	Pit 3, BH-2 25.0'-25.2'	SG 86 13.5'-13.7'	SG 86 18.7'-18.9'
Purgeable Halocarbon Compounds (mg/kg) Method 8010	-								
1,1,1-Trichloroethane Tetrachloroethene	BDL BDL	BDL BDL	BDL BDL	BDL BDL	BDL BDL	BDL BDL	BDL BDL	0.24	BDL 0.23

TABLE 2 (Continued)

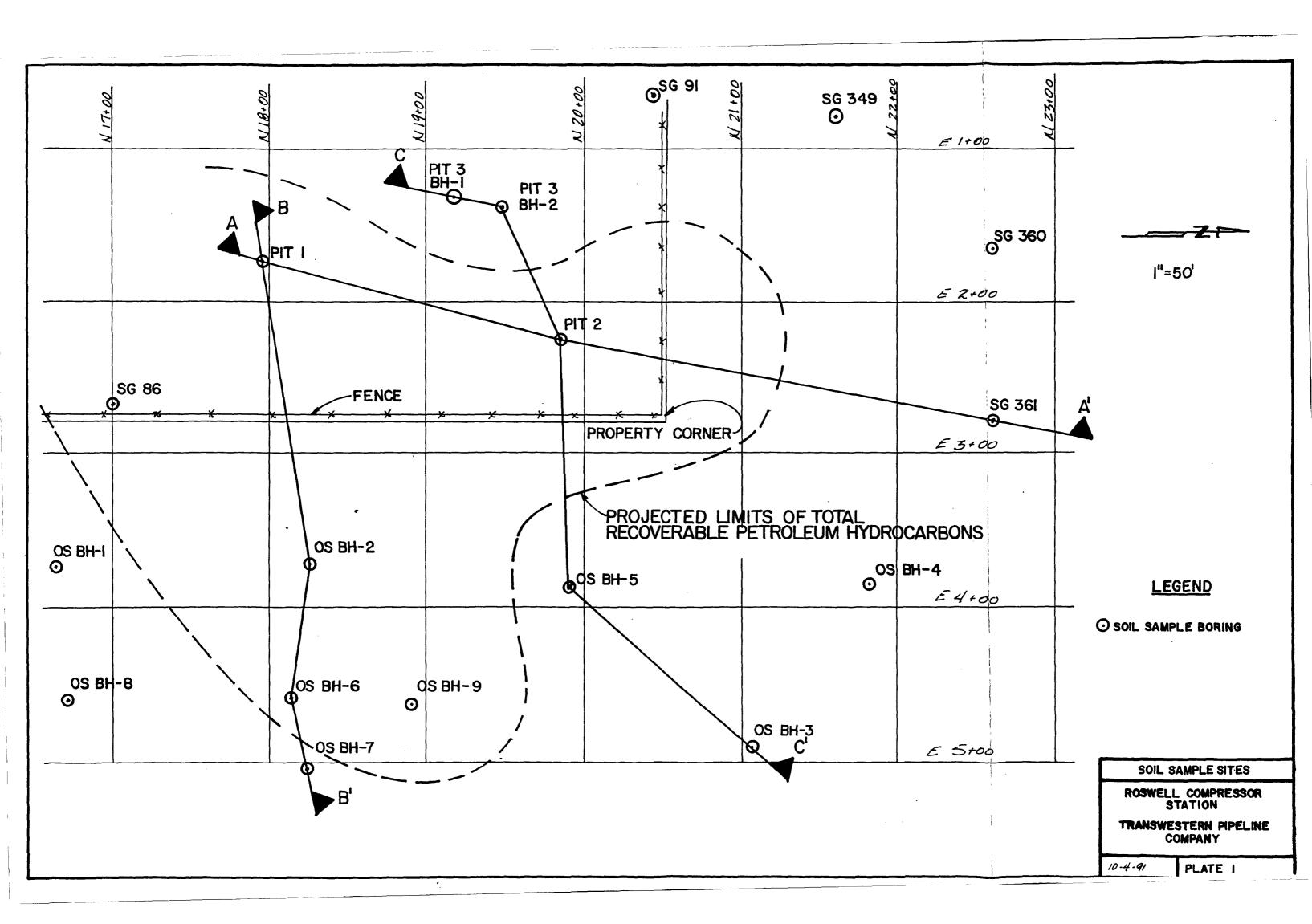
SUMMARY OF ANALYTICAL RESULTS FOR PURGEABLE HALOCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

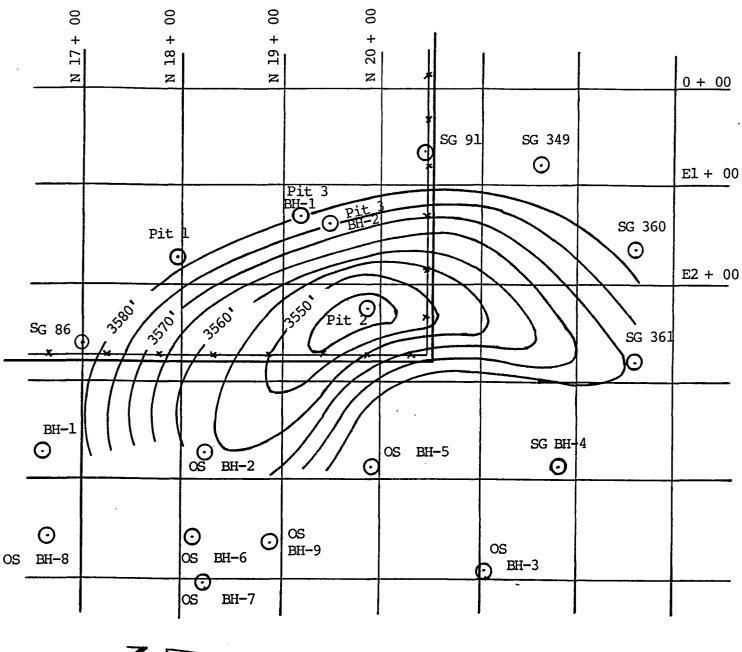
PARAMETER		SAMPLE NUMBER											
	SG 86 24.9'-25.1'	SG 86 35.0'-35.2'	SG 86 40.5'~40.7'	SG 91 28.6'-28.8'	SG 349 0.0'-1.8'	SG 349 2.9'-4.6'	SG 349 9.0'-10.0'	SG 349 14.0'-14.8'	SG 349 20.3'-21.3'	SG 349 5.3'-26.3'			
Purgeable Halocarbon Compounds (mg/kg) Method 8010	BDL	BDL.	BDL.	BDL	BDL	BDL	BDL	BDL	BDL	BDL			
PARAMETER				SA	MPLE NUMBER	t .							
	SG 349 29.7'-30.4'	SG 360 0.0'-2.5'	SG 360 4.0'-5.0	sg 3 9.0'-		SG 360 14.0'-14.7'	SG 360 19.0'-20.0'	SG 360 24.0'-25.0'	SG 360 29.0'-29.4'	SG 361 0.0'-2.5'			
Purgeable Halocarbon Compounds (mg/kg) Method 8010	BDL	BDL	BDL	BI	ı.	BDL	BDL	BDL.	BDL	BDL			
PARAMETER				SA	MPLE NUMBER	<u> </u>							
	SG 361 4.0'-5.0'	\$G 361 9.0'-10.0'	SG 361 16.0'-16.4'	SG 361 19.5'-19.8'	SG 361 24.0'-25	SG 36			OS BH-2 9.9'-10.1'	OS BH-2 22.5'-22.6			
Purgeable Halocarbon Compounds (mg/kg) Method 8010	BDL.	BDL	BDL	BDL	BDL	BDL	BDL.	BDL	BDL	BDL			

TABLE 2 (Continued)

SUMMARY OF ANALYTICAL RESULTS FOR PURGEABLE HALOCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

ARAMETER	SAMPLE NUMBER											
	OS BH-2 31.1'-31.3'	OS BH-2 41.8'-42.0'	OS BH-2 55.2'-55.4'	OS BH-2 69.0'-69.2'	OS BH-3 21.0'-21.2'	OS BH-3 44.1'-44.3'	OS BH-3 54.7'-55.0'	OS BH-4 27.5'-27.7				
urgeable Halocarbon ompounds (mg/kg) ethod 8010												
	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL				
ARAMETER				SAMPLE NUM	BER							
	OS BH-5 14.0'-14.2'	OS BH-5 19.6'-19.9'	OS BH-5 23.4'-23.6'		OS BH-6 OS BH-6 .0'-47.2' 52.6'-52.		OS BH-7 22.1'-22.3'	OS BH-7 33.5'-33.7				
Curgeable Halocarbon compounds (mg/kg) dethod 8010	BDL	BDL	BDL	BDL	BDL BDL	BDL.	BDL	BDL				
ARAMETER .				SAMPLE NUM	3ER							
	OS BH-7 37.0'-37.2'	OS BH-8 4.6'-4.9'	OS BH-8 33.9'-34.1	OS BH-8 49.7'-49.9	OS BH-9 4.5'-4.9'	OS BH-9 32.0'-32.5'	OS BH-9 49.5'-49.7'					
urgeable Halocarbon ompounds (mg/kg) ethod 8010		•										
Tetrachloroethene Clorobenzene	0.17 BDL	BDL BDL	0.16 0.12	BDL BDL	BDL BDL	BDL BDL	BDL BDL					





SCALE: 1" = 100'

FIGURE 2 CONTOURS OF TOP SURFACE OF RED CLAY ROSWELL COMPRESOR STATION

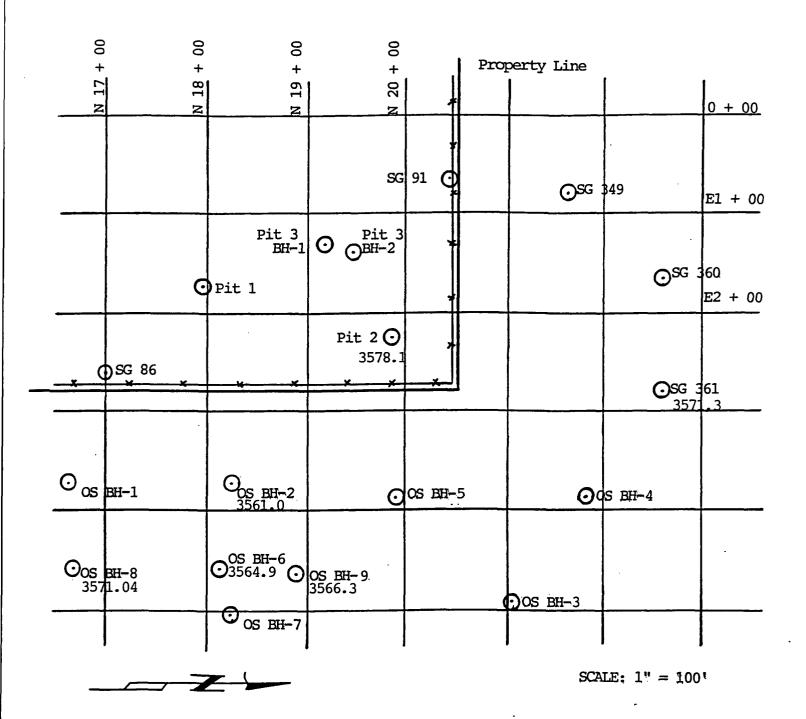


FIGURE 3

ELEVATIONS OF PERCHED GROUNDWATER ROSWELL COMPRESSOR STATION

horizontal extent of the plume of total recoverable petroleum hydrocarbon (TRPH) is represented in PLATE 1. As borehole data are not available south and southwest of Pit 1 and SG 86, the estimation of horizontal extent of the plume is not complete. Inclusion of OS BH-2 and OS BH-6 within the plume is based on OVA readings of > 1000 ppm.

PLATE 2, 3, and 4 present cross sections A-A', B-B', and C-C', respectively, representing estimated subsurface conditions away from the contaminant sources, in generally the eastward and northward directions. Borehole plots provide boring elevations, OVA readings in ppm for volatile constituents detected during continuous sample recovery, and analytical results for total recoverable petroleum hydrocarbons. The data plots depict the vertical concentration.

Based on borehole sample log description (APPENDIX A), the top surface of the impermeable red clay is represented in FIGURE 2 and plotted in the cross sections. The surface appears as a depression open to the southeast. All TRPH is confined to above the clay surface.

Occurrence of perched groundwater was observed during the borehole drilling and sampling operation. According to Transwestern personnel, the local water table is at about 120 feet; thus below the red clay bed. FIGURE 3 indicates the elevtations of water levels for boreholes in which groundwater was encountered during drilling. The elevations depicted in FIGURE 3 are based on water levels sounded from ground level in Pit 2, SG 361, OS BH-2, OS BH-6, OS BH-8 and OS BH-9. This perched water surface is also represented in the cross sections of Plates 2 through 4 as it relates to the red clay surface and the estimated zone for TRPH.

BDL = below detection limit of 5.0 mg/kg.

TABLE 4 (Continued)

SUMMARY OF ANALYTICAL RESULTS FOR TOTAL RECOVERABLE PETROLEUM HYDROCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

PARAMETER		SAMPLE NUMBER										
	OS BH-3 44.1'-44.3'	OS BH-3 54.8'-55.0'	OS BH-4 27.5'-27.2'	OS BH-5 14.0'-14.2'	OS BH-5 19.6'-19.9'	OS BH-5 23.4'-23.6'	OS BH-6 13.6'-13.8'	OS BH-6 47.0'-47.2'				
Total Recoverable Petroleum Hydrocar (mg/kg) Method 418	:bons 3.1											
	16	16	BDL	BDL	16	12	12	BDL				
ARAMETER				SAMPLE	NUMBER_		····	· · · · · · · · · · · · · · · · · · ·				
	OS BH-6 52.6'-52.8'	OS BH-6 70.0'-71.0'	OS BH-7 22.1'-22.3'	OS B 33.5'-		OS BH-7 37.0'-37.2'	OS BH-8 4.6'-4.9'	OS BH-8 33.9'-34.1'				
Total Recoverable Petroleum Hydrocar (mg/kg) Method 418	:bons : 1											
	BDL	BDL	BDL	BD	L	12	12	BDL				
ARAMETER				SAMPLE	NUMBER	· · · · · · · · · · · · · · · · · · ·						
	OS BH-8 49.7'-49.9'	OS BH-9 4.5'-4.9'	OS BH-9 32.0'-32.5'	OS B 47.5'-								
Fotal Recoverable Petroleum Hydrocar (mg/kg) Method 418	bons											
	12	8	150	8								

TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR AROMATIC VOLATILE ORGANIC COMPOUND OCCURRENCE AT ROSWELL COMPRESSOR STATION

PARAMETER					SAMPLE NUMBER				
	Pit 1 41.6'-41.8'	Pit 1 43.5'-43.7'	Pit 2 44.1'-44.3'	Pit 2 69.9'-70.1'	Pit 3, BH-1 30.7'-30.9'	Pit 3, BH-2 25.0'-25.2'	SG 86 40.5'-40.7'	SG 91 28.6'-28.8'	SG 349 29.7'-30.4'
Aromatic Volatile Organic Compounds									
(mg/kg) Method 8020	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL.

PARAMETER	SAMPLE NUMBER								
	OS BH-3	OS BH-3	OS BH-4	OS BH-5	OS BH-6	OS BH-7	OS BH-7	OS BH-8	OS BH-9
	21.0'-21.2'	54.7'-55.0'	27.5'-27.7'	23.4'-23.6	70.0'-71.0'	22.1'-22.3'	37.0'-37.2'	47.7'-49.9'	49.5'-49.7'
Aromatic Volatile Organic Compounds (mg/kg) Method 8020									
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	0.19	0.14	BDL
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	0.44	0.3	BDL

BDL = below detection limit of 0.1 mg/kg.

TABLE 4

SUMMARY OF ANALYTICAL RESULTS FOR TOTAL RECOVERABLE PETROLEUM HYDROCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

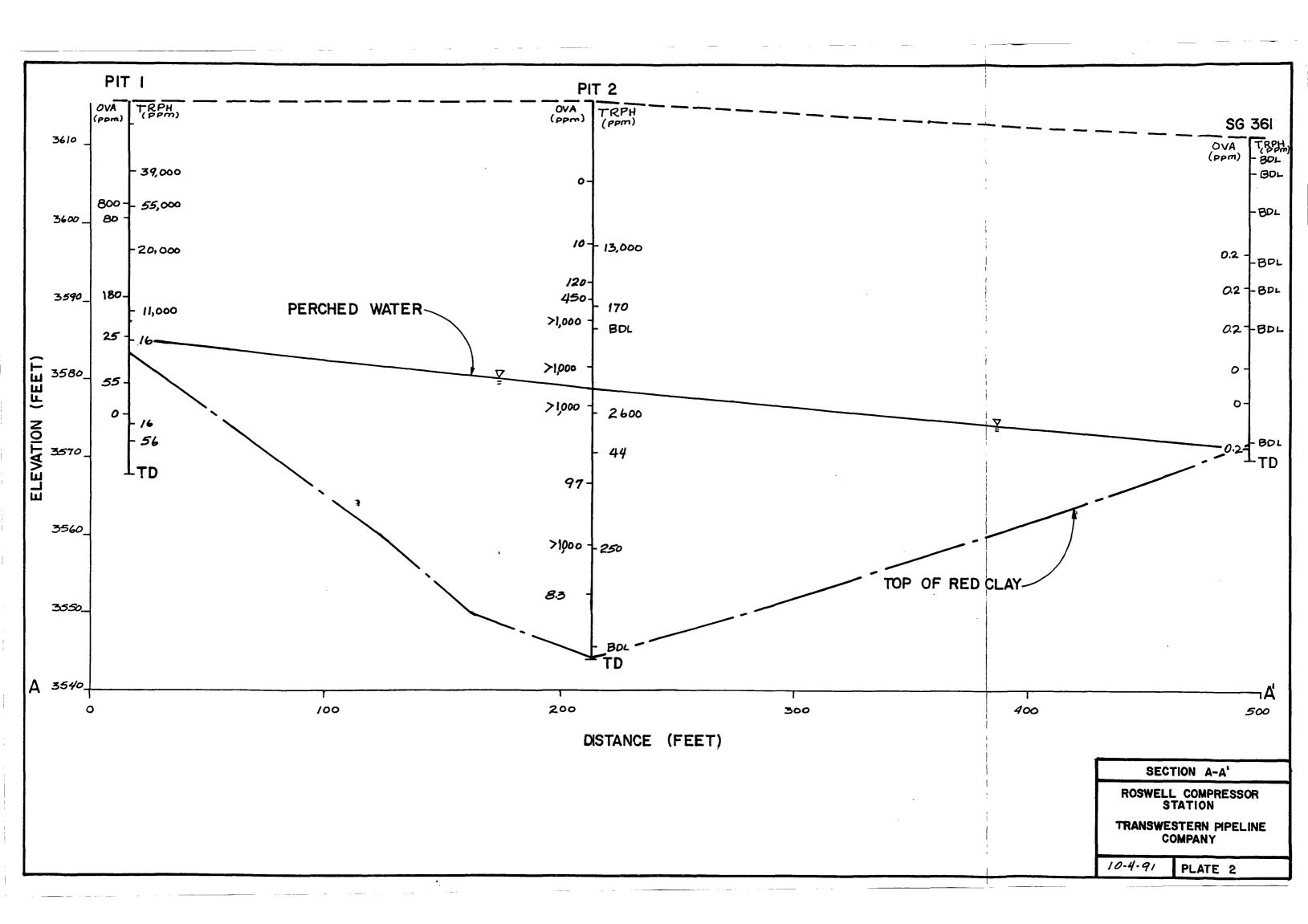
PARAMETER					SAMPLE NUMBER					
	Pit 1 2.8'-3.0'	Pit 1 9.2'-9.4'	Pit 1 13.5'-13.7'	Pit 1 18.8'-19.0'	Pit 1 26.8'-27.0'	Pit 1 30.6'-30.8'	Pit 1 41.6'-41.8'	Pit 1 43.5'-43.7'		Pit 2 002 18.7'-18.9'
Total Recoverable Petroleum Hydrocarbon (mg/kg) Method 418.1	<u>s</u> 25,000	39,000	55,000	20,000	11,000	16	16	56	BDL	13,000
PARAMETER	· · · · · · · · · · · · · · · · · · ·				SAMPLE NUMBER					
	Pit 26.0'-		: 2 Pi1 ·29.3' 39.8'-			Lt 2 '-57.8' 69	Pit 2 .9'-70.1'	Pit 3, BH-1 30.7'-30.9'	Pit 3, BH- 25.0'-25.2	
Total Recoverable Petroleum Hydrocarbon (mg/kg) Method 418.1	<u>s</u> 17	70 BI	DL 260	00 44	2:	50	BDL.	BDL	BDL	
PARAMETER				· · · · · · · · · · · · · · · · · · ·	SAMPLE NUMBER					
1	SG 86 3.5'-13.7'	SG 86 18.7'-18.9'	SG 86 24.9'-25.1'	SG 86 35.0'-35.2'	SG 86 40.5'-40.7'	SG 91 28.6'-28.8'	SG 349 0.0'-1.8'	SG 349 2.9'-4.6'	SG 349 9.0'-10.0'	SG 349 14.0'-14.8'
Total Recoverable Petroleum Hydrocarbon (mg/kg) Method 418.1	<u>.</u>									
	18,000	5200	BDL	8.0	BDL.	BDL	BDL	BDL	BDL	BDL

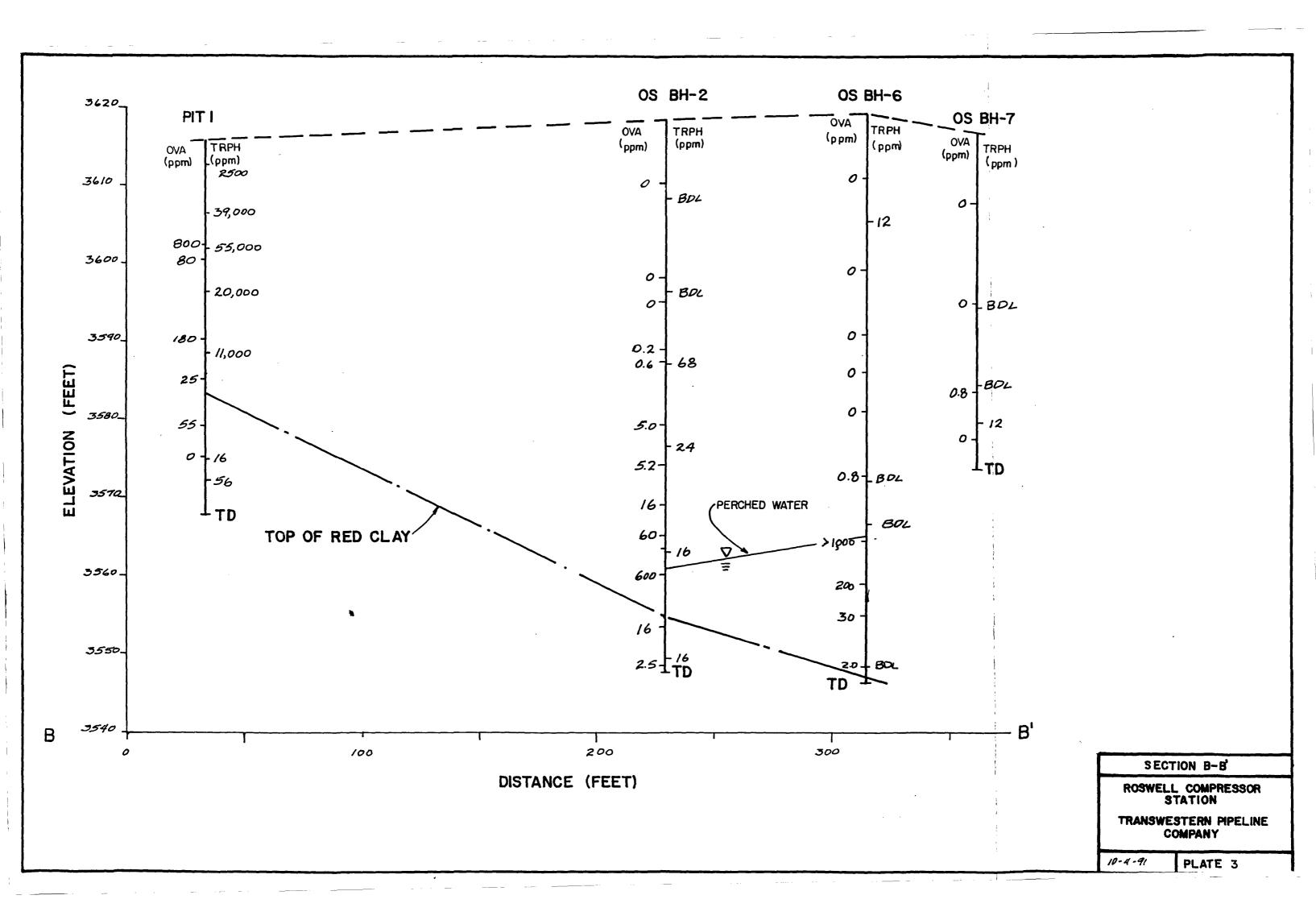
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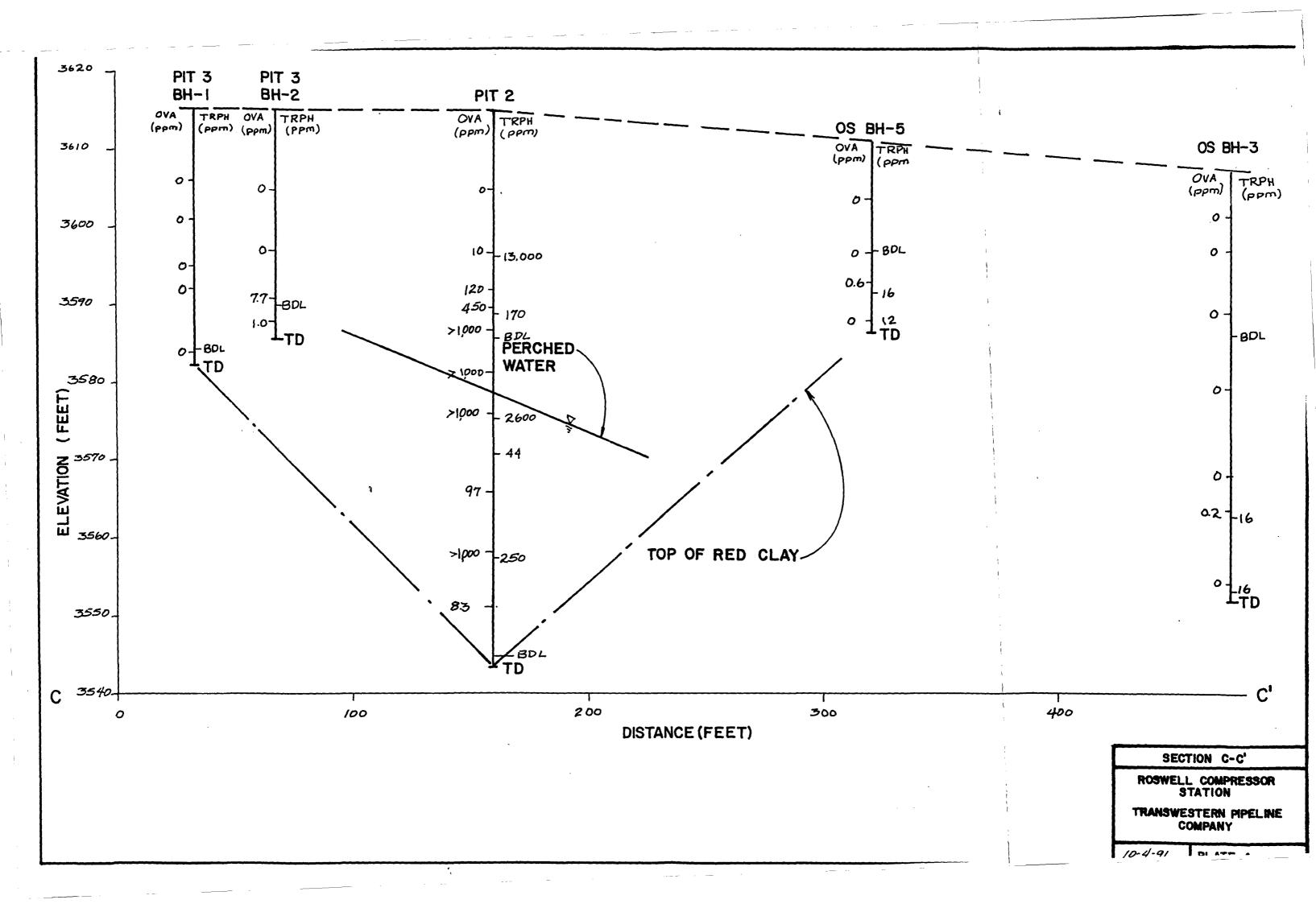
TABLE 4 (Continued)

SUMMARY OF ANALYTICAL RESULTS FOR TOTAL RECOVERABLE PETROLEUM HYDROCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

PARAMETER				SAMPI	LE NUMBER				
	SG 349 20.3'-21.3'	SG 349 25.3'-26.3'	SG 349 29.7'-30.4'	SG 349 0.0'-2.5'	SG 360 4.0'-5.0'	SG 360 9.0'-9.9'	SG 360 14.0'-14.7'	SG 360 19.0'-20.0'	SG 360 24.0'-25.0'
Total Recoverable Petroleum Hydrocarb (mg/kg) Method 418.		BDL	BDL	BDL.	BDL.	BDL	BDL	BDL	BDL
PARAMETER				SAMPI	LE NUMBER				
	SG 360 29.0'-29.4'	SG 361 0.0'-2.5'	SG 361 4.0'-5.0'	SG 361 9.0'-10.0'	SG 361 16.0'-16.4'	SG 361 19.5'-19.8'	SG 361 24.0'-25.0'	SG 361 38.9'-39.3'	OS BH-1 18.9'-19.1
Total Recoverable Petroleum Hydrocart (mg/kg) Method 418.	2.0	BDL.	BDL	BDL	BDL.	BDL	BDL.	BDL	12
PARAMETER				SAMP	LE NUMBER				
	OS BH-1 34.3'-34.5'	OS BH-2 9.9'-10.1'	OS BH-2 22.5'-22.6'	OS BH-2 31.1'-31.3'	OS BH-2 41.8'-42.0'	OS BH-2 55.2'-55.4	OS BH-		S BH-3 D'-21.2'
Total Recoverable Petroleum Hydrocarb (mg/kg) Method 418.	oons 1								
	BDL	BDL	BDL	68	24	16	16		BDL







APPENDIX A BOREHOLE SAMPLE LOGS



Well Number	Pit l	Well Location N17 + 98 E1 + 76.6				
Well Owner Transwestern Pipeline Company						
Sample Logg	er D. Brig	gs, METRIC Corporation				
Driller	METRIC Corp	oration				
Drilling Me	dium Ho	llow Stem Augers				
Date of Com	pletion	7-16-91 Ground Elev. 3615.72				
Depth	Thickness					
(feet)	(feet)	Stratigraphic Description				
0.0 - 7.8	7.8	Brown clay with gravels				
7.8 - 8.1	0.3	Greyish tan sand				
8.1 - 9.4	1.3	Black oily sand with gravel				
9.4 - 12.8	3.4	No recovery				
12.8 - 13.7	0.9	Black oily sand with gravels				
13.7 - 14.3	0.6	Brown clay				
14.3 - 14.8	0.5	Black silty sand				
14.8 - 16.3	1.5	Black sand with small gravels				
16.3 - 17.8	1.5	No recovery				
17.8 - 19.0	1.2	Brownish grey sand with gravels				
19.0 - 21.4	2.4	Grey sand with heavy gravels				
21.4 - 22.8	1.4	No recovery				
22.8 - 23.5	0.7	Grey sand with gravels				
23.5 - 27.0	· 3 . 5	White sand with gravels				
27.0 - 27.8	0.8	No recovery				
27.8 - 28.5	0.7	Grey sand with gravels				
28.5 - 30.6	2.1	Grey small clean gravel				
30.6 - 32.8	2.2	Reddish clay				
32.8 - 37.8	5.0	Red clay with black streaks				
37.8 - 47.8	10.0	Red clay				



Well	Number	Pit 2	_ Well	Location	N17 + 98	El + 76.6
Well	Owner _	Transweste	ern Pipelin	e Company		
Sampl	e Logger	D. Brid	gs, METRIC	Corporation		
Drill	.er1	METRIC Corp	coration			
Drill	ing Medi	ım Holl	low Stem Au	ger		
Date	of Comple	etion	7-17-91	Ground	d Elev.	3615.72
De	pth Th	nickness				· · · · · · · · · · · · · · · · · · ·
	- .	(feet)		Stratigra	aphic Des	cription
0.0 -	1.8	1.8		Tan sandy g	ravel fill	
1.8 -	2.9	1.1		No recovery		
2.9 -	3.5	0.6		Tan sandy g	ravel fill	
3.5 -	6.1	2.6		White calic	he with gra	vels
6.1 -	7.9	1.8		No recovery		
7.9 -	10.1	2.2		Tan sand wit	th gravels	
10.1 -	10.5	0.4		Reddish cal	iche	
10.5 -	12.9	2.4		No recovery		
12.9 -	13.5	0.6		Reddish cal:	iche	
13.5 -	13.9	0.4		Red clay		
13.9 -	14.3	0.4		Tan sandy gr	ravel	
14.3 -	17.9	3.6		No recovery		
17.9 -	18.1	0.2		Tan sandy gr	ravel	
18.1 -	18.9	0.8		Tan sand		
18.9 -		0.1		Tan sandy gr	ravel	
	22.9	3.9		No recovery		
22.9 -	24.4	1.5		Tan sandy gr	ravel	
		2.0		Grey sandy o	gravel	
		1.5		No recovery		
		1.4		Tan medium s	sand	
29.3 -	31.1	1.8		Grey sandy	gravel	



SAMPLE LOG Continued

Well Number Pit 2 Well Location N17 + 98 El + 76.6

(Continued from Previous Page)

•	Depth (feet)	Thickness (feet)	Stratigraphic Description
	31.1 - 32.9	1.8	No recovery
	32.9 - 36.6*	3.7	Grey sandy gravel
	36.6 - 37.9	1.3	No recovery
	37.9 - 40.1	2.2	Grey sand with pebbles
	40.1 - 42.9	2.8	No recovery
	42.9 - 50.5	7.6	Red sandy clay
	50.5 - 52.9	2.4	No recovery
	52.9 - 56.3	3.4	Red sandy clay
	56.3 - 57.9	1.6	Grey/black medium sand
	57.9 - 62.6	4.7	Red sandy clay
	62.6 - 64.1	1.5	Sandy gravel
	64.1 - 67.9	3.8	Red clay
	67.9 - 71.6	3.7	Red clay with calcium sulfate lenses

^{*} Groundwater encountered at 33.7'



Well Number	Pit 3 BH-1	Well Location N19 + 18 El + 31.5
Well Owner	Transweste	ern Pipeline Company
Sample Logg	er D. Brid	ggs, METRIC Corporation
Driller	METRIC Corpora	ation
Drilling Me	dium	ollow Stem Auger
		_
Date of Com	pletion	7-18-91 Ground Elev. 3615.71
Depth	Thickness	
(feet)	(feet)	Stratigraphic Description
0.0 - 1.6	1.6	Brown sand with gravel
1.6 - 2.4	0.8	Tan sand with gravel
2.4 - 2.8	0.4	No recovery
2.8 - 5.5	2.7	Tan sand with gravel
5.5 - 7.8	2.3	No recovery
7.8 - 11.0	3.2	Tan sand with gravel
11.0 - 12.8	1.8	No recovery
12.8 - 14.9	2.1	Tan sand with gravel
14.9 - 17.8	2.9	No recovery
17.8 - 20.2	2.4	Tan sand with gravel
20.2 - 22.8	2.6	No recovery
22.8 - 23.0	0.2	Tan sand with gravel
23.0 - 30.7	7.7	No recovery
30 7 - 32 8	· 2 1	White calidhe with gravel



Well Number	Pit 3 BH-2	Well Location N19 + 48 El + 38.5
Well Owner	Transwest	tern Pipeline Company
Sample Logg	er <u>D. Bri</u>	ggs, METRIC Corporation
Driller	METRIC Corpor	ation
		ow Stem Auger
Date of Com	pletion	7-18-91 Ground Elev. 3615.68
Depth	Thickness	
(feet)	(feet)	Stratigraphic Description
0.0 - 2.3	2 2	Brown sand with gravel
		_
2.3 - 6.8		Tan sand with gravel
6.8 - 7.6	0.8	No recovery
7.6 - 9.6	2.0	Tan sand
9.6 - 10.9	1.3	Tan sand with gravel
10.9 - 17.6	6.7	No recovery
17.6 - 19.2	1.6	Tan sand with gravel
19.2 - 22.6	3.4	No recovery
22.6 - 24.4	1.8	Tan sand with gravel
24.4 - 25.4	1.0	White sand with gravel and dark streaks
25.4 - 27.6	2.2	No recovery
27.6 - 29.5	1.9	White sand with gravel; caliche at bottom



Well Number	SG-86	Well Location N17 + 10 E2 + 68.2
Well Owner	Transweste	ern Pipeline Company
Sample Logg	er <u>D. Bri</u>	ggs, METRIC Corporation
Driller	METRIC Corpora	ation
Drilling Me	dium Holl	low Stem Auger
Date of Com	pletion	7-22-91 Ground Elev. 3613.52
Depth	Thickness	
(feet)	(feet)	Stratigraphic Description
0.0 - 1.1	1.1	Brown silty sand
1.1 - 1.8	0.2	White caliche with gravel
1.8 - 2.9	1.1	No recovery
2.9 - 4.8	1.9	Tan sand with gravel
4.8 - 7.9	3.1	No recovery
7.9 - 8.9	1.0	Tan sand with gravel
8.9 - 12.9	4.0	No recovery
12.9 - 13.3	0.4	Tan sand with gravel
13.3 - 15.2	1.9	Grey sand with gravel
15.2 - 17.9	2.7	No recovery
17.9 - 21.1	3.2	Tan sand with gravel
21.1 - 22.9	1.8	No recovery
22.9 - 23.9	1.0	Grey sand with gravel
23.9 - 25.2	1.3	Tan sand with gravel
25.2 - 27.9	2.7	No recovery
27.9 - 29.4	1.5	Tan sand with large gravel
29.4 - 32.9	3.5	No recovery
32.9 - 33.6	0.7	Grey sand with gravel
33.6 - 35.9	2.3	Red clay with dark lenses
35.9 - 37.9	2.0	No recovery
37 9 - 40 7	2 8	Red clay



Well Number	SG 91	Well	Location	N20 + 53.	2 EO + 66.5	
Well Owner	Transv	vestern Pipel	Line Company			
Sample Logg	er D.	Briggs, MET	TRIC Corporat	ion		
Driller	METRIC (Corporation				_
Drilling Me	dium Ho	ollow Stem Au	iger			_
						
Date of Com	pletion _	7-22-91	Groun	d Elev.	3612.28	
						_
Depth	Thickness					
(feet)	(feet)		Stratigra	aphic Des	cription	_
0.0 - 0.9	0.9		Brown silty	y sand with	gravel	
0.9 - 1.5	0.6		White sand	with grave	1	
1.5 - 3.0	1.5		No recovery	7		
3.0 - 6.0	3.0		Tan sand wi	th gravel		
6.0 - 8.0	2.0		No recovery	7		
8.0 - 11.0	3.0		Tan sand wi	th gravel		
11.0 - 13.0	2.0		No recovery	7		
13.0 - 14.3	1.3		Tan sand wi	th gravel		
14.3 - 17.0	2.7		Tan sand wi	th gravel	mixed with calich	æ
17.0 - 18.0	1.0		No recovery	7	•	
18.0 - 18.8	0.8		Tan sand wi	th gravel		
18.8 - 21.5	2.7		Tan sand wi	th gravel:	mixed with calich	æ
21.5 - 23.0	1.5		No recovery	7	•	
23.0 - 26.1	3.1		Tan sand wi	th gravel:	mixed with calich	æ
26.1 - 28.0	1.9		No recovery	,		
28.0 - 28.2	0.2		Tan sand wi	th gravel		
28.2 - 33.0	4.8		Red clay			



Well Number	SG-349	Well	Location N21 + 60.	2 E0 + 79.0
Well Owner	Transwe	estern Pipeli	ne Company	
Sample Logg	er <u>D.</u>	Briggs, METR	IC Corporation	
Driller	METRIC Con	oration		
Drilling Me	dium	Hollow Stem	Auger	
Date of Com	pletion	7-25-91	Ground Elev.	3615.56
Depth	Thicknes	s į		
(feet)	(feet)		Stratigraphic Des	cription
0.0 - 1.2	1.2		Brown sandy loam with	gravel
1.2 - 1.8	0.6		Light brown silty sand	d with gravel
1.8 - 2.9	1.1		No recovery	
2.9 - 4.6	1.7		Light brown silty sand	d with gravel
4.6 - 7.9	3.3		No recovery	
7.9 - 10.3	2.4		Tan sand with gravel 1	mixed with caliche
10.3 - 12.9	2.6		No recovery	
12.9 - 14.8	1.9		Tan sand with gravel	
14.8 - 17.9	3.1		No recovery	
17.9 - 19.0	1.1		Tan sand with gravel	
19.0 - 19.8	0.8		Red silty sand	
19.8 - 21.6	1.8		Tan sand with gravel	
21.6 - 22.9	1.3		No recovery	
22.9 - 26.3	3.4		Tan sand with gravel	
26.3 - 27.9	1.6		No recovery	
27.9 - 29.7	1.8		Tan sand with gravel 1	mixed with caliche
29 7 - 30 4	0.7		Red clay	



Well Number	_SG 360	Well Location N22 + 61.5 E1 + 66.8
Well Owner	Transwe	stern Pipeline Company
Sample Logge	er D. B	riggs, METRIC Corporation
Driller	METRIC Cor	poration
Drilling Med	dium <u>H</u>	ollow Stem Auger
Date of Comp	pletion	7-25-91 Ground Elev. 3610.83
Depth	Thickness	
(feet)	(feet)	Stratigraphic Description
0.0 - 1.0	1.0	Brown sandy loam
1.0 - 2.5	_ - -	White silty sand with gravel
2.5 - 2.9		No recovery
2.9 - 5.1	2.2	White silty sand with gravel
5.1 - 7.9	2.8	No recovery
7.9 - 9.9	2.0	Tan sand with gravel
9.9 - 12.9	3.0	No recovery
12.9 - 14.7	1.8	Tan sand with gravel
14.7 - 17.9	3.2	No recovery
17.9 - 19.6	1.7	Tan fine sand with gravel
19.6 - 21.0	1.4	Tan sand with gravel
21.0 - 22.9	1.9	No recovery
22.9 - 25.3	2.4	Tan sand with gravel
25.3 - 27.9	2.6	No recovery
27.9 - 28.9	1.0	Tan sand with gravel
28.9 - 29.4	0.5	Red clay



Well Number	SG 361	Well Location N22 + 61.5 E2 + 77.8		
Well Owner	Transwestern	Pipeline Company		
	Sample Logger D. Briggs, METRIC Corporation			
Driller	METRIC Corpora	tion		
	ium Hollow			
Date of Comp	letion 7-25	-91 Ground Elev. 3610.15		
				
Denth	Thickness			
(feet)	(feet)	Stratigraphic Description		
0.0.0.5	0.5	Duran and de lane		
0.0 - 0.5		Brown sandy loam		
0.5 - 2.0		White silty sand with gravel		
2.0 - 3.2		No recovery		
3.2 - 4.0		White silty sand with gravel		
4.0 - 5.3		Tan sand with gravel		
5.3 - 8.2		No recovery		
8.2 - 10.9		Tan sand with gravel		
10.9 - 13.2	2.3	No recovery		
13.2 - 16.4	3.2	Tan sand with gravel		
16.4 - 18.2	1.8	No recovery		
18.2 - 19.8	1.6	Caliche with pebbles		
19.8 - 23.2	3.4	No recovery		
23.2 - 25.4	2.2	Tan sand with gravel mixed with caliche		
25.4 - 28.2	2.8	No recovery		
28.2 - 28.5	0.3	Cemented pebbles		
28.5 - 29.6	1.1	Tan sand with gravel		
29.6 - 33.2	3.6	No recovery		
33.2 - 35.4	2.2	Tan sand with gravel		
35.4 - 38.2	2.8	No recovery		
38.2 - 38.9*	0.7	Tan sand with gravel		
38.9 - 41.3	2.4	Red sandy clay		

^{*} Groundwater encountered at 38.9'



Borehole Number _	OS BH-1 Borehole L	ocation N	16 + 64.9	E3 + 75.9
Property Owner _	Transwestern Pipeline Co	mpany		
Sample Logger _	D. Briggs, METRIC Corpor	ation		
Driller _	METRIC Corporation			
Drilling Medium _	Hollow Stem Auger			
_				
Date of Completio	n 7-22-91 Gr	ound Elev	3622.30	

Depth (feet)	Thickness (feet)	Stratigraphic Description
0.0 - 0.8	0.8	Brown sandy loam
0.8 - 2.0	1.2	White caliche
2.0 - 2.9	0.9	No recovery
2.9 - 4.8	1.9	Tan sand with gravel mixed with caliche
4.8 - 7.9	3.1	No recovery
7.9 - 9.4	1.5	Tan sand with gravel
9.4 - 12.9	3.5	No recovery
12.9 - 15.1	2.2	Tan sand with gravel
15.1 - 16.1	1.0	Tan sand with gravel mixed with caliche
16.1 - 17.9	1.8	No recovery
17.9 - 19.1	1.2	Tan sand with gravel
19.1 - 20.3	1.2	Tan sand with gravel mixed with caliche
20.3 - 22.9	2.6	No recovery
22.9 - 23.5	0.6	Grey gravel
23.5 - 25.5	2.0	Tan sand with gravel
25.5 - 27.9	2.4	No recovery
27.9 - 29.1	1.2	White caliche with large gravel
29.1 - 32.9	3.8	No recovery
32.9 - 34.5	1.6	Tan medium sand with gravel
34.5 - 35.7	1.2	Red clay





Well Number	OS BH-2	Well Location N18 + 26.0 E3 + 79.0
Well Owner	Transwest	cern Pipeline Company
Sample Logge	er D. Bri	iggs, METRIC Corporation
Driller	METRIC Corpo	pration
Drilling Med	dium Ho	ollow Stem Auger
Date of Comp	pletion	7-24-91 Ground Elev. 3618.39
Depth	Thickness	
(feet)	(feet)	Stratigraphic Description
0.0.06	0.6	Beer m. condy. long
0.0 - 0.6 0.6 - 2.0	1.4	Brown sandy loam White caliche with gravel
2.0 - 2.8	0.8	
		No recovery
2.8 - 3.9	1.1	White caliche with gravel
3.9 - 4.4	0.5	Tan sand with gravel
4.4 - 7.8	3.4	No recovery
7.8 - 9.8	2.0	Tan sand with gravel
9.8 - 10.3	0.5	Tan sand with gravel
10.3 - 17.8	7.5	No recovery
17.8 - 22.1	4.3	Tan sand with gravel
22.1 - 22.8	0.7	Red clay
22.8 - 23.9	1.1	Red sandy clay
23.9 - 27.8	3.9	No recovery
27.8 - 31.7	3.9	Red clay
31.7 - 32.8	1.1	No recovery
32.8 - 35.5	2.7	Red sandy clay
35.5 - 37.8	2.3	No recovery
37.8 - 41.0	3.2	Red silty sand
41.0 - 42.1	1.1	Red silty clay sand
42.1 - 42.8	0.7	No recovery



SAMPLE LOG Continued

Well Number OS BH-2 Well Location N18 + 26.0 E3 + 79.0

(Continued from Previous Page)

···		
Depth	Thickness	
(feet)	(feet)	Stratigraphic Description
42.8 - 45.1	2.3	Red silty clay sand
45.1 - 46.1	1.0	Red clay
46.1 - 47.8	1.7	No recovery
47.8 - 48.9	1.1	Red clay
48.9 - 49.1	0.2	Red sand
49.1 - 49.7	0.6	Red clay
49.7 - 52.8	3.1	No recovery
52 . 8 - 54.4	1.6	Tan silty sand
54.4 - 55.4	1.0	Grey silty sand
55.4 - 55.7	0.3	Red clay with black marbling
55.7 - 57.8	2.1	No recovery
57.8 - 58.6*	0.8	Grey silty sand
58.6 - 61.8	3.2	Red clay with black marbling
61.8 - 62.8	1.0	No recovery
62.8 - 64.6	1.8	Red clay
64.6 - 66.3	1.7	Deep red silty sand
66.3 - 67.8	1.5	No recovery
67.8 - 70.6	2.8	Red silty sand with gravel

^{*} Groundwater encountered at 57.8'



Well Number	OS BH-3	Well Location <u>N21 + 08.7 E4 + 95.1</u>
Well Owner	Transwest	ern Pipeline Company
Sample Logg	er D. Brigg	s, METRIC Corporation
Driller	METRIC Corpo	pration
Drilling Me	dium <u>Holl</u>	ow Stem Auger
Date of Com	pletion <u>7-</u>	26-91 Ground Elev. 3607.04
Depth	Thickness	
(feet)	(feet)	Stratigraphic Description
0.0 - 1.2	1.2	Brown sandy loam
1.2 - 2.3	1.1	Light brown silty sand
2.3 - 3.0	0.7	No recovery
3.0 - 4.5	1.5	Light brown silty sand
4.5 - 6.0	1.5	Light brown sandy clay
6.0 - 7.4	1.4	Light brown sand with white salts
7.4 - 8.0	0.6	No recovery
8.0 - 9.6	1.6	Light brown sandy clay with white salts
9.6 - 10.2	0.4	White caliche with gravel
10.2 - 11.8	1.6	Light red sandy clay with gravel
11.8 - 13.0	1.2	No recovery
13.0 - 13.9	0.9	Tan sand with gravel
13.9 - 17.8	3.9	Red silty clay with white salts
17.8 - 18.0	0.2	No recovery
18.0 - 19.6	1.6	Red silty clay with gypsum nodules
19.6 - 20.8	1.2	Tan silty sand
20.8 - 21.2	0.4	Red silty clay with gypsum nodules
21.2 - 23.0	1.8	No recovery
23.0 - 24.7	1.7	Red silty clay with gypsum nodules
24.7 - 27.5	2.8	Brown silty sand



SAMPLE LOG Continued

Well Number OS BH-3 Well Location N21 + 08.7 E4 + 95.1

(Continued from Previous Page)

Depth (feet)	Thickness (feet)	- Stratigraphic Description
27.5 - 28.0	0.5	No recovery
28.0 - 33.0	5.0	Brown silty clay
33.0 - 37.6	4.6	Brown silty clay
37.6 - 38.0	0.4	No recovery
38.0 - 39.1	1.1	Brown silty clay
39.1 - 41.4	2.3	Reddish silty clay
41.4 - 43.0	1.6	No recovery
43.0 - 44.5	1.5	Reddish silty clay
44.5 - 44.8	0.3	White gypsum
4.8 - 45.3	0.5	Reddish silty clay
45.3 - 48.0	2.7	No recovery
48.0 - 54.5	6.5	White gypsum or caliche
54.5 - 55.0	0.5	Reddish white very fine silty sand



Borehole Number	OS BH-4 Borehole Location N21 + 81.6 E3 + 86.6
Property Owner	Transwestern Pipeline Company
Sample Logger	D. Briggs, METRIC Corporation
Driller	METRIC Corporation
Drilling Medium	Hollow Stem Auger
Date of Completi	on
pace or compacer	<u> </u>

Thickness (feet)	Stratigraphic Description
1.2	Dark brown sandy loam
1.3	No recovery
1.0	Brown sandy clay
4.0	Brown sandy clay with gypsum nodules
2.5	Brown silty sand with gypsum nodules
2.5	No recovery
5.0	Brown silty sand with gravel
1.7.	Tan sand with gravel
3.3	No recovery
1.9	Tan sand with gravel
0.5	Red clay
2.6	No recovery
3. 5	Red clay with white nodules
	1.2 1.3 1.0 4.0 2.5 2.5 5.0 1.7 3.3 1.9 0.5 2.6



22.5 - 24.8

2.3

SAMPLE LOG

Rolevote No.	mber <u>OS BH-5</u>	Borehole Location $N19 + 92.0 E3 + 89.5$
Property Own	ner Trans	western Pipeline Company
Sample Logg	er D. B	riggs, METRIC Corporation
Driller	METR	IC Corporation
Drilling Me	diumHol	low Stem Auger
Date of Comp	pletion7	-30-91 Ground Elev. 3611.12
Depth (feet)	Thickness (feet)	Stratigraphic Description
0.0 - 0.9	0.9	Brown sandy loam
0.9 - 1.5	0.6	Tan silty sand
1.5 - 2.5	1.0	No recovery
2.5 - 3.3	0.8	Tan silty sand with gravel
3.3 - 4.0	0.7	White caliche with gravel
4.0 - 7.5	3.5	No recovery
7.5 - 9.5	2.0	Tan silty sand with gravel
9.5 - 12.5	3.0	No recovery
12.5 - 14.2	1.7	Tan silty sand with gravel
14.2 - 14.7	0.5	White silty sand with gravel
14.7 - 17.5	2.8	No recovery
17.5 - 19.9	2.4	White caliche with gravel
19.9 - 20.1	0.2	Red clay
20.1 - 22.5	2.4	No recovery

Red clay with black nodules



Borehole Num	ber OS BH-6	Borehole Location N18 + 17.5 E4 + 60.9	
Property Own	er Transwes	stern Pipeline Company	
Sample Logge	r D. Brigo	gs, METRIC Corporation	
Driller	METRIC	Corporation	
Drilling Med	ium Hollow	stem Auger	
•			
Date of Comp	letion	91 Ground Elev. 3619.15	
Depth (feet)	Thickness (feet)	Stratigraphic Description	-
0.0 - 1.1	1.1	Brown sandy loam	
1.1 - 1.7	0.6	Tan sand with gravel	
1.7 - 2.6	0.9	No recovery	
2.6 - 4.0	1.4	Tan sand with gravel	
4.0 - 7.6	3.6	No recovery	
7.6 - 9.7	2.1	Tan sand with large gravel	
9.7 - 12.6	2.9	No recovery	
12.6 - 14.7	2.1	Tan sand with gravel	
14.7 - 17.6	2.9	No recovery	
17.6 - 19.2	1.6	Tan sand with gravel	
19.2 - 22.6	3.4	No recovery	
22.6 - 24.0	1.4	Gravel (½" - 2")	
24.0 - 27.6	3.6	No recovery	
27.6 - 34.7	7.1	Tan sand with gravel	
34.7 - 37.6	2.9	No recovery	
37.6 - 39.6	2.0	Tan sand with gravel	
39.6 - 45.0	5.4	No recovery	
45.0 - 46.4	1.4	Tan sand with gravel	



SAMPLE LOG Continued

Well Number OS BH-6 Well Location N18 + 17.5 E4 + 60.9 (Continued from Previous Page)

Depth (feet)	Thickness (feet)	Stratigraphic Description
46.4 - 47.6	1.2	Red silty sand
47.6 - 52.6	5.0	No recovery
52.6 - 55.3*	2.7	Red silty sand with black marbling
55.3 - 57.6	2.3	No recovery
57.6 - 60.7	3.1	Red silty sand with black marbling
60.7 - 62.6	1.9	No recovery
62.6 - 66.1	3.5	Red silty clay to sand with black marbling
66.1 - 67.0	0.9	Red silty clay with gravel
67.0 - 67.6	0.6	No recovery
67.6 - 72.6	5.0	Red silty clay with gravel and sand lenses

^{*} Groundwater encountered at 54.3'



Borehole Number	OS BH-7 Borehole Location	N18 + 27.6 E5 + 05.7
Property Owner	Transwestern Pipeline Company	
Sample Logger	D. Briggs, METRIC Corporation	
Driller	METRIC Corporation	
Drilling Medium	Hollow Stem Auger	
Date of Completi	on <u>7-31-91</u> Ground Ele	v. <u>3616.69</u>

Depth (feet)	Thickness (feet)	Stratigraphic Description
0.0 - 0.8	0.8	Brown silty clay sand
		
0.8 - 1.7	0.9	White silty sand with gravel
1.7 - 2.0	0.3	No recovery
2.0 - 4.8	2.8	Tan sand with gravel mixed with caliche
4.8 - 7.0	2.2	No recovery
7.0 - 10.2	3.2	Tan sand with gravel.
10.2 - 12.0	1.8	No recovery
12.0 - 15.1	3.1	Tan sand with gravel
15.1 - 17.0	1.9	No recovery
17.0 - 18.8	1.8	Tan sand with gravel
18.8 - 20.1	1.3	Tan sand with gravel mixed with caliche
20.1 - 22.0	1.9	No recovery
22.0 - 32.0	10.0	Red sandy clay
32.0 - 34.0	2.0	Red silty clay
34.0 - 37.0	3.0	No recovery
37.0 - 38.1	1.1	Red clay
38.1 - 40.3	2.2	Red clay with gravel



Borehole Nu	mber OS BH-8	Borehole Location $\underline{N16 + 71.9}$ $\underline{E4 + 60.8}$
Property Ow	mer Transw	estern Pipeline Company
Sample Logg	er D. Briggs	, METRIC Corporation
Driller	METRIC Co	rporation
Drilling Me	dium Hollow St	em Auger
Date of Com	pletion	91 Ground Elev. 3620.04
Depth (feet)	Thickness (feet)	Stratigraphic Description
0.0 - 1.0	1.0	Brown silty sand
1.0 - 2.3	1.3	White silty sand and caliche with gravel
2.3 - 2.6	0.3	No recovery
2.6 - 3.7	1.1	White silty sand and caliche with gravel
3.7 - 6.4	2.7	Tan sand with gravel and caliche
6.4 - 7.6	1.2	No recovery
7.6 - 10.8	3.2	Tan sand with gravel and caliche
10.8 - 12.6	1.8	No recovery
12.6 - 14.8	2.2	Tan sand with gravel
14.8 - 16.0	1.2	Tan sand with pebbles
16.0 - 17.6	1.6	No recovery
17.6 - 21.2	3.6	Tan sand with gravel
21.2 - 22.6	1.4	No recovery
22.6 - 26.6	4.0	Tan sand with gravel
26.6 - 27.6	1.0	No recovery
27.6 - 30.6	3.0	Tan sand with large gravel mixed with cemented pebbles
30.6 - 32.6	2.0	No recovery



SAMPLE LOG Continued

Well Number OS BH-8 Well Location N16 + 71.9 E4 + 60.8 (Continued from Previous Page)

Depth (feet)	Thickness (feet)	Stratigraphic Description
32.6 - 33.9	1.3	Tan sand with gravel
33.9 - 35.9	2.0	Red sandy clay
35.9 - 37.6	1.7	No recovery
37.6 - 39.6	2.0	Red clay
39.6 - 42.2	2.6	Red fine sand
42.2 - 42.6	0.4	No recovery
42.6 - 44.1	1.5	Red very fine silty sand
44.1 - 47.6	3.5	No recovery
47.6 - 49.9*	2.3	Red very fine silty sand

^{*} Groundwater encountered at 49'

METRIC Corporation

Borehole Number	OS BH-9 Borehole Location	N18 + 91.6	E4 + 67.2
Property Owner	Transwestern Pipeline Company		
Sample Logger	D. Briggs, METRIC Corporation		
Driller	METRIC Corporation		
Drilling Medium	Hollow Stem Auger		
Date of Completi	on 8-1-91 Ground Elev	v. 3614.77	

Depth (feet)	Thickness (feet)	Stratigraphic Description
		·
0.0 - 0.8	0.8	Brown silty loam
0.8 - 1.6	0.8	White caliche with gravel
1.6 - 2.5	0.9	No recovery
2.5 - 5.5	3.0	White caliche with gravel
5.5 - 7.5	2.0	No recovery
7.5 - 11.4	3.9	Tan sand with gravel mixed with caliche
11.4 - 12.5	1.1	No recovery
12.5 - 15.5	3.0	Tan sand with gravel mixed with caliche
15.5 - 17.5	2.0	No recovery
17.5 - 20.3	2.8	Tan sand with gravel mixed with caliche
20.3 - 22.5	2.2	No recovery
22.5 - 25.4	2.9	White caliche with gravel
25.4 - 27.5	2.1	No recovery
27.5 - 31.0	3. 5	White caliche with gravel
31.0 - 32.0	1.0	Red clay
32.0 - 32.5	0.5	Red silty sand
32.5 - 35.7	3.2	Red silty clayey sand



SAMPLE LOG Continued

Well Number OS BH-9 Well Location N18 + 91.6 E4 + 67.2

(Continued from Previous Page)

Thickness (feet)	- Stratigraphic Description
1.8	No recovery
2.2	Red silty sand
2.8	No recovery
0.9	Red sandy clay
4.1	No recovery
0.8	Red sandy clay
0.7	Red gravelly clay
0.7	Red clay
	1.8 2.2 2.8 0.9 4.1 0.8 0.7

^{*} Groundwater encountered at 48.5

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Page 13 Received: 07/18/91 REPORT Results by Sample

Work Order # 91-07._15 Continued From Above

SAMPLE :	ID	PIT	I	18.	8	_	19.0)
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FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST D/R

UNITS MG/KG



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REPORT Results by Sample

Work Order # 91-07-215

SAMPLE ID **PIT I 26.8 - 27.0**

FRACTION <u>07A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>

Date & Time Collected <u>not specified</u> Category ______

. - .

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE	<0.1 <0.1	0.1
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE	<0.1 <0.1 0.16 <0.1	0.1 0.1 0.1 0.1
TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$



· ANALYTICAL LABOR · "ORIES, INC. • 7300 Jefferson, N.E. • Albiqueique, N	iew Mexico 27109	
Page 15 Received: 07/18/91	REPORT Results by Sample	Work Order # 91-07-∠15 Continued From Above
SAMPLE ID <u>PIT I 26.8 - 27.0</u>	FRACTION <u>07A</u> TEST CODE <u>8010_8</u> Date & Time Collected <u>not specif</u>	
	Notes and Definitions for this	Report:
	EXTRACTED 07/23/91 DATE RUN 07/23/91 ANALYST D/R	

MG/KG

UNITS



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REPORT

Results by Sample

Work Order # 91-07-∠15

Received: 07/18/91

SAMPLE ID PIT I 30.6-30.8

FRACTION <u>08A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPENE Cis-1,3-DICHLOROPROPENE		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,2,2-TETRACHLOROPROPENE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<pre></pre>	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1



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ANALYTICAL LA	ABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 17 Received: 07/18/91 REPORT Results by Sample

Work Order # 91-07._15 Continued From Above

AMPLE ID <u>PI</u>	r I 3	30.0	6-3	0.	8
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FRACTION 08A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST D/R

UNITS MG/KG



REPORT

Work Order # 91-07-215

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Received: 07/18/91

Results by Sample

SAMPLE ID <u>PIT I 41.6 - 41.8</u>

FRACTION <u>09A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____



HOOMIUM
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

?age 19
?eceived: 07/18/91

REPORT Results by Sample

UNITS

Work Order # 91-07-215 Continued From Above

SAMPLE ID PIT I 41.6 - 41.8

FRACTION 09A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category

Notes and Definitions for this Report:

MG/KG

EXTRACTED 07/23/91
DATE RUN 07/23/91
ANALYST D/R

Member: American Council of Independent Laboratorica, Inc.

ANALYTICAL LABO RIES. INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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. 05/10/10/

REPORT

Work Order # 91-07-215

Results by Sample

SAMPLE ID **PIT I 41.6 - 41.8**

FRACTION 09A TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS
Date & Time Collected not specified Category

PARAMETER	RESULT	DET LIMIT
BENZENE CHLOROBENZENE 1,4-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,2-DICHLOROBENZENE ETHYL BENZENE TOLUENE	$\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array}$	0.1 0.1 0.1 0.1 0.1 0.1
XYLENES	<0.1	0.1

Notes and Definitions for this Report:

EXTRACTED 07/23/91
DATE RUN 07/23/91
ANALYST DD
UNITS MG/KG



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REPORT

Work Order # 91-07-215

Results by Sample

SAMPLE ID **PIT I 43.5-43.7**

Received: 07/18/91

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FRACTION 10A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category

BROMODICHLOROMETHANE <0.1	PARAMETER	RESULT	LIMIT
METHYLENE CHLORIDE <0.1	BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE	$\begin{array}{c} <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\$	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,2-TRICHLOROETHANE <0.1	METHYLENE CHLORIDE	<0.1	0.1
	1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE	<0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1



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Received: 07/18/91

REPORT Results by Sample

Work Order # 91-07-215 Continued From Above

SAMPLE ID **PIT I 43.5-43.7**

FRACTION 10A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category ______

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST D/R

UNITS MG/KG

HUHICCH

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Page 23 Received: 07/18/91 REPORT

Work Order # 91-07-215

Results by Sample

SAMPLE ID <u>PIT I 43.5-43.7</u>

FRACTION 10A TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS
Date & Time Collected not specified Category

PARAMETER	RESULT	DET LIMIT
BENZENE CHLOROBENZENE 1,4-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,2-DICHLOROBENZENE ETHYL BENZENE TOLUENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$
XYLENES	<u><0.1</u>	0.1

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST DD

UNITS MG/KG





WORK ORDER 7752

				<u> </u>	
HAZARDOUS NON-HAZARDOUS DATE RECEIVED					
CUSTOMER P.O. NUMBER		DUE DATE	61		
	ACCOUNT IN	FORMATION	1 1		
CUSTOMER'S NAME ENTRON TRANSMESTER				4 Crartece	
ADDRESS			PHONE NUME	BER	
CITY/STATE/ZIP					
PARTY RESPONSIBLE F	OR PAYMENT IF C	THER THAN ARC)VE	ACCOUNT STATUS	
NAME	ON TATION CO.	CONTACT			
ADDRESS		PHONE NUMBER		PAYMENT REC'D. OPEN ACCOUNT	
CITY / STATE / ZIP	<u> </u>			CHECK NUMBER	
SPECIAL BILLING INSTRUCTIONS					
	SAMPLE INF	ORMATION		·	
TYPE OF SAMPLE NO. OF SAMPLES TU	RN AROUND TIME	SAMPLE IDEN	TIFICATION A	AND / OR SAMPLE SITE	
==	GULAR (10 WKG DAYS)	Station 9-	Gas Tan	لأر	
	SH (3 DAYS) ERGENCY (STAT)	Station 9-	PitI		
Of L NO. OF CONTAINERS EM	ENGENCT (STATE				
	UBJECT TO WORK LOG)				
SAMPLE DELIVERED BY	SIGNA Y. /CCV/		~	7/18/9/	
	ANALYSIS	REQUEST			
WORK DESCRIPTION					
TPH BTEX	8010	というこ	20	Cox C.	
		•		U	
					
	····				
			 		
FCIAL INSTRUCTIONS					
BILLING: PICKUP MAIL		LOGGED IN BY			

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

Sample Location Vol. Collect. Sampler Valve or Receiver No. During Flush	
,	
STATION 9-CAS TANK STATION 9-PIT I	
SAMPLE ID NUMBER SOLVENT SAMPLE ANALYSES REQUESTE USED ICED	
GAS TANK COMPOSITE 0-1.6, 3.7-4.2, 2.87.2 YES TPH BTEX	
CAR TANK 16.0 - 16.3 YES TOH , BTEX	
PIT 1 2.8-3.0 YES 8010 PIT 1 9.2-9.4 YES 8010	
PIT 9.2 · 9.4 YES 8010	
PIT 1 19.8 - 19.0 YES 80 10	
PIT 1 26.8 · 27.0 YES 8010	
PIT 1 30.6 - 30.8 YES 8010	
PIT 1 41.6 - 41. P YES 8010 8020	
PIT 1 43.5-43.7 YES 8010, 8020	
Polinguiched By gas and a face at the polinguiched By gas and the polinguiched By gas	1
Relinquished By EARL CHANLEY /TWPLCO. Date 7-17-9 Relinquished To FED-1 Date 7-17-9	
Date 721724	
Relinquished By feo.	
Relinquished To ASSACI LAS Date	
•	
Relinquished By Date	
Relinquished To Date	
Relinquished By Date	
Relinquished By Date Date	
Laboratory: ASSAIGAI LABS	
Received: Cothing Date 7/18/9!	

* MAIL TEST RESULTS TO: LARRY CAMPBELL

505-625-8022

ROSWELL N.M. 88202-1717

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

;				
District: ROSWELL			Date: <u>7-</u>	<u> 17-91</u>
Sample Location Valve or Receiver N		ollect. Flush	Sampl	er
STATION 9-CAS TAND				
SAMPLE ID NUMBER	SOLVENT USED	SAMPLE ICED	ANALY	SES REQUESTED
GAS TONK SOME WITE		Y 4 5	7 + 11	P.TEX 1
GAS TANK 16.0 -16.3	:	YES	7 P H	ETEX
PIT 1 2.8-3.6		762	2010	C 14 X
#17 1 3.2.3. *		768	8010	
PIT 1 . 12.5 . 42.7		76 S	<u> </u>	
P171 12.8 - 19.0	<u> </u>	1		
FITT 17.E = 17.0		Yes	8010	
P17 1 24, 8 + 27. U P17 1 2, 6 - Ev. 7		75	8010	
		763	8010 8010	820
PIT 1 41.6 - 41.7 PIT 1 43.5 - 43.7		7K- 1		
L11 1 477 - 421		760	ं १० के	. 30 20
Relinquished By FA	PI CHANGEY /T	EW PLCS.		Date 7-17-91
Relinquished To ru	0 - x			Date 7-10-71
	<u> </u>		***	
Relinquished By r	.6			Date
Relinquished To	SAC: LAS	,		Date
Relinquished By				Date
Relinquished To				Date
-		····		
Relinquished By				Date
Relinquished By			114	Date
		1.0		
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AJALYTIC: LABC ORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 1 Received: 07/23/91 REPORT

Work Order # 91-07-257

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REPORT	ENRON/TRANSWESTERN PIPELINE	PREPARED	Assaigai Analytical Labs	
TO	6381 N. MAIN STREET	ВУ	7300 Jefferson NE	- Sol Rivi
	P.O. BOX 1717		Albuquerque, NM 87109	Sylea Min
	ROSWELL, NM 88202-1717			CERTIFIED BY
ATTEN	LARRY CAMPBELL	 ልጥጥድለ	SYED RIZVI	
*********	MANUAL CARLL COLUL		(505)345-8964	CONTACT LAB MANAGER
CT T FNM	ENDO2 CAMPIEC		1505/545-6504	_ CONTROL <u>HAD MANAGEN</u>
	ENRO3 SAMPLES		DOMESTIC ADDITION MILES DEPOSIT GLICI	UD DE ADDRECCED MO.
	ENRON/TRANSWESTERN PIPELINE	<u> </u>	ESTIONS ABOUT THIS REPORT SHOU	
FACILITY	ROSWELL, NEW MEXICO		LABORATORY OPERATIONS MANAGER	
	ENR03		7300 JEFFERSON N.E., ALBUQUER	ROUE, N.M. 87109
WORK ID	<u>STATION #9 77</u>	<u>'84</u>		
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TRANS	FEDERAL EXPRESS			
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SAMPLI	E IDENTIFICATION		TEST CODES and NAMES used or	this workorder
		10 S PURGEAR	LE HALOCARBONS-SOIL	
			C VOLATILE ORGANICS	
			EC PET HYDROCARBONS	
	29.1-29.3	TIT TOTUD V	. LEI HIDKOCKKDOND	
02 PIT 2	39.8-39.9			



44.1-44.3

57.5-57.8

69.9-70.1

25.0-25.2

BH-2

BH-1

06 PIT 2

07 PIT 2

08 PIT 2

PIT 3

09 10 11 Page 2

REPORT

Work Order # 91-07-257

Received: 07/23/91

Results by Sample

SAMPLE ID PIT 2 SAMPLE 001

FRACTION <u>01A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE		$\begin{array}{c} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\$
trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE	<0.1 <0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array} $
TETRACHLOROETHANE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1



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REPORT Results by Sample

UNITS

Work Order # 91-07-∠57 Continued From Above

SAMPLE ID PIT 2 SAMPLE 001

FRACTION <u>01A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category _____

Notes and Definitions for this Report:

MG/KG

EXTRACTED 07/29/91
DATE RUN 07/29/91
ANALYST D/R

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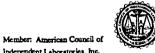
REPORT Results by Sample

Work Order # 91-07-457

SAMPLE ID PIT 2 SAMPLE 002

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 02A Date & Time Collected 07/22/91 Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE	Column	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	* 0.37 <0.1 * 0.65 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1



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REPORT

Results by Sample

Work Order # 91-07-257 Continued From Above

SAMPLE ID PIT 2 SAMPLE 002

FRACTION 02A

TEST CODE 8010 8

NAME PURGEABLE HALOCARBONS-SOIL

Date & Time Collected 07/22/91

Category

Notes and Definitions for this Report:

EXTRACTED

07/29/91

DATE RUN

07/29/91

ANALYST D/R UNITS

MG/KG

Member: American Council of Independent Laboratories, Inc.

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Page 6 Received: 07/23/91 REPORT

Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 2 26.0-26.2

FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category ____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE	<0.1	1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<pre><0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1</pre>	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1



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REPORT Results by Sample

Work Order # 91-07-∠57 Continued From Above

SAMPLE ID PIT 2 26.0-26.2

FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



REPORT

Work Order # 91-07-257

Page 8 Received: 07/23/91

Results by Sample

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL SAMPLE ID PIT 2 29.1-29.3 FRACTION 04A Date & Time Collected 07/22/91 Category _

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1



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REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

SAMPLE ID PIT 2 29.1-29.3

FRACTION <u>04A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category _____

Notes and Definitions for this Report:

MG/KG

EXTRACTED 07/29/91
DATE RUN 07/29/91
ANALYST D/R

UNITS

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REPORT Received: 07/23/91

Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 2 39.8-39.9

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL FRACTION 05A Date & Time Collected 07/22/91 Category _

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE	<0.1 <0.1 <0.1	0.1 0.1 0.1
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1



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Work Order # 91-07-257 Continued From Above

SAMPLE ID PIT 2 39.8-39.9

FRACTION 05A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



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REPORT

Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 2 44.1-44.3

FRACTION <u>06A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>

Date & Time Collected <u>07/22/91</u> Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1



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Work Order # 91-07-∠57 Continued From Above

SAMPLE ID PIT 2 44.1-44.3

FRACTION <u>06A</u> TEST CODE <u>8010_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



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Work Order # 91-07-457

Results by Sample

SAMPLE ID <u>PIT 2 44.1-44.3</u>

FRACTION <u>06A</u> TEST CODE <u>8020</u>
Date & Time Collected <u>07/22/91</u>

TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS
Lected 07/22/91 Category

PARAMETER	RESULT	DET LIMI
BENZENE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
ETHYL BENZENE	<0.1	0.1
TOLUENE	<0.1	0.1
XYLENES	<0.1	0.1

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



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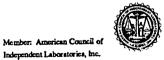
Work Order # 91-07-∠57

SAMPLE ID PIT 2 57.5-57.8

FRACTION <u>07A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>

Date & Time Collected <u>07/22/91</u> Category _____

BROMODICHLOROMETHANE C0.1 O.1	PARAMETER	RESULT	LIMIT
1,1,2-TRICHLOROETHANE <0.1	BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE 1,2-DICHLOROPROPENE 1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
	1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE	<0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1



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Page 16 Received: 07/23/91	REPORT Results by Sample	Work Order # 91-07-257 Continued From Above
SAMPLE ID PIT 2 57.5-57.8	FRACTION <u>07A</u> TEST CODE <u>8010_8</u> Date & Time Collected <u>07/22/91</u>	NAME PURGEABLE HALOCARBONS-SOIL Category
	Notes and Definitions for this	Report:

EXTRACTED __ DATE RUN __ ANALYST <u>D/R</u>

UNITS

07/29/91 07/30/91

MG/KG



Member: American Council of Independent Laboratories, Inc. REPORT

Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 2 69.9-70.1

Received: 07/23/91

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FRACTION <u>08A</u> TEST CODE <u>8010_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1
2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE	$\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ \end{array}$	0.1 0.1 0.1 0.1 0.1
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1



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Received: 07/23/91

REPORT

Work Order # 91-07-∠57 Continued From Above

SAMPLE ID **PIT 2 69.9-70.1**

Results by Sample

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL

Date & Time Collected 07/22/91

Category ____

Notes and Definitions for this Report:

EXTRACTED 07/29/91
DATE RUN 07/30/91

ANALYST D/R

FRACTION 08A

UNITS MG/KG



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Received: 07/23/91

REPORT

Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 2 69.9-70.1

FRACTION 08A Date & Time Collected 07/22/91

TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS Category

PARAMETER	RESULT	DET LIMIT
BENZENE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0,1
1,3-DICHLOROBENZENE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0,1
ETHYL BENZENE	<0.1	0.1
TOLUENE	<0.1	0,1
XYLENES	<0.1	0.1

Notes and Definitions for this Report:

07/29/91 EXTRACTED 07/30/91 DATE RUN ANALYST D/R MG/KG UNITS



Page 21 Received: 07/23/91 REPORT

Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 3 BH-2 25.0-25.2 FRACTION 11A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL

Date & Time Collected 07/22/91 Category ______

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	$\begin{array}{c} <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\$	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1



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Received: 07/23/91

REPORT

Results by Sample

Work Order # 91-07-257
Continued From Above

SAMPLE ID PIT 3 BH-2 25.0-25.2

FRACTION 11A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/22/91 Category

Notes and Definitions for this Report:

MG/KG

EXTRACTED 07/29/91
DATE RUN 07/30/91
ANALYST D/R

UNITS MG



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Received: 07/23/91

REPORT

Work Order # 91-07-457

Results by Sample

SAMPLE ID PIT 3 BH-2 25.0-25.2 FRACTION 11A

TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS

Date & Time Collected 07/22/91

Category

PARAMETER	RESULT	DET LIMIT
BENZENE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
ETHYL BENZENE	<0.1	0.1
TOLUENE	<0.1	0.1
XVIENES	<0.1	0.1

Notes and Definitions for this Report:

07/29/91 EXTRACTED 07/30/91 DATE RUN ANALYST D/R UNITS MG/KG



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Work Order # 91-07-257

Results by Sample

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL SAMPLE ID PIT 3 BH-1 30.7-30.9 FRACTION 12A Date & Time Collected 07/22/91 Category _

PARAMETER	RESULT	LIMIT
PARAMETER BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE	Column	0.1
1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROFLUOROMETHANE VINYL CHLORIDE	$\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ \end{array}$	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$



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Received: 07/23/91

REPORT

Work Order # 91-07-257 Continued From Above

Results by Sample

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL

SAMPLE ID PIT 3 BH-1 30.7-30.9

FRACTION 12A Date & Time Collected 07/22/91

Category

Notes and Definitions for this Report:

EXTRACTED

07/29/91

DATE RUN

07/30/91

ANALYST D/R

UNITS

MG/KG

ASSAIGAL
ANALYTICAL LABOP ATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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Received: 07/23/91

REPORT

Work Order # 91-07-457

Results by Sample

SAMPLE ID PIT 3 BH-1 30.7-30.9

FRACTION 12A TEST CODE 8020
Date & Time Collected 07/22/91

NAME AROMATIC VOLATILE ORGANICS
Category

PARAMETER	RESULT	DET LIMIT
BENZENE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
ETHYL BENZENE	<0.1	0.1
TOLUENE	<0.1	0.1
XYLENES	<0.1	0.1

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG





WORK ORDER 7784

				<u> </u>
HAZARDOUS NON-HAZARDOUS DATE RECEIVED		ESTIMATED (COST	
CUSTOMER P.O. NUMBER	TIME RECEIVED	DUE DA		/11
	ACCOUNT IN	FORMATION	7	
CUSTOMER'S NAME	L/ENMON.		Larry	in the Cf
ADDRESS	7		PHONE NUME	BER '
CITY / STATE / ZIP				
PARTY RESPONSIBLE F	OR PAYMENT IF C	THER THAN ABO	VE	ACCOUNT STATUS
NAME		CONTACT		PAYMENT REC'D.
ADDRESS		PHONE NUMBER		OPEN ACCOUNT
CITY / STATE / ZIP				CASH
SPECIAL BILLING INSTRUCTIONS				I
	SAMPLE INF	ORMATION		
TYPE OF SAMPLE NO. OF SAMPLES TUI	RN AROUND TIME	,	TIFICATION A	AND / OR SAMPLE SITE
SOIL RU OIL NO. OF CONTAINERS EM	GULAR (10 WKG DAYS) ISH (3 DAYS) IERGENCY (STAT) GUBJECT TO WORK LOG)	<u>Slation 9.</u>		
SAMPLE DELIVERED BY	SIGNA	TURE		DATE
FEB X M	VEXT DAY			7/2/91
	ANALYSIS	REQUEST		
WORK DESCRIPTION				
8010 3020 TPH				
			·	
ECIAL INSTRUCTIONS				
BILLING: PICKUP MAIL		LOGGEDINBY		

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

District: <u>QoSwell</u>			Date: <u>7-2</u>	2-91
Sample Location Valve or Receiver N	Vol. Co o. During	llect. Flush	Sample	er
STATION 9 -	-		METRIC	Cosp
				•
SAMPLE ID NUMBER	SOLVENT USED	SAMPLE ICED	ANALY	SES REQUESTED
PIT 2 SAMPLE OCI.		752	8013	
PIT 2 SAMPLE GOZ		YES	9010	
P.7 2 26.0 - 26.2		YES		
P17 2 29.1 · 29.3		YES		
P1 - 2 39 8 - 39 5		75.2	8010	
P,72 44,-44.3		Ys		· 8020
P17 2 575 - 57.8		715		
P17 2 699 - 70.1		ye c		8020
DIESL TANK 1.3-4.5		763		· · · · · · · · · · · · · · · · ·
DICH TANK 7.5 - 7.9		Aer		.
PIT 3 BH-2 25.0-25. PIT 3 BH-1 34.7-30		AE2 AE2	8010-80	
Polinguighed Profits	'7		8010 - 30	
Relinquished By FAG	CHANLEY - 7	WBLC		
Relinquished To res) - 7			Date 7.22.91
Relinquished By				Date
Relinquished To	<u> </u>			Date
				Du ce
Relinquished By				Date
Relinquished To	. 1- 1- 1- 1- 1-			Date
			,;· · · <u>·</u>	
Relinquished By				Date
Relinquished By				Date
^	,			
Laboratory: HSSA	IGA LAB	2		-//
Laboratory: ASSA Received: CS	tin			Date 1/23/91
U^{*}	0	· · · · · · · · · · · · · · · · · · ·		-/ /
* MAIL RESULTS TO :	LARRY OA~B3		,	
	manner Culutbe		(5	505-625-8022)

P.O. Bex 1717

Roswell IV.M. 88202-1717

LAULNEGIA

Al'ALYTICAL LABOP ATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

REPORT

Work Order # 91-07-276

Received: 07/24/91

07/31/91 14:20:37

REPORT	ENRON/TRANSWESTERN PIPE	LINE	PREPARED	Assaigai Analytical Labs	_
TO	6381 N. MAIN STREET			7300 Jefferson NE	- Sued Rizi
	P.O. BOX 1717			Albuguerque, NM 87109	Syla Man
	ROSWELL, NM 88202-1717				CERTIFIED BY
ATTEN	LARRY CAMPBELL		ATTEN	SYED RIZVI	_
			PHONE	(505) 345-8964	CONTACT LAB MANAGER
CLIENT	ENRO3 SAMPI	LES <u>6</u>			
COMPANY	ENRON/TRANSWESTERN PIPE	LINE	QUE	ESTIONS ABOUT THIS REPORT SHOU	JLD BE ADDRESSED TO:
FACILITY	ROSWELL, NEW MEXICO			LABORATORY OPERATIONS MANAGES	R/ASSAIGAI ANALYTICAL
	ENRO3			7300 JEFFERSON N.E., ALBUQUE	RQUE, N.M. 87109
	•				
WORK ID	STATION #9	7799			
TAKEN					
TRANS	FED X				
	SOIL				
P.O. #					
INVOICE	under separate cover				
	IDENTIFICATION			TEST CODES and NAMES used or	n this workorder
	28.6 - 28.8			E HALOCARBONS-SOIL	
	13.5 - 13.7	8020	AROMATIC	VOLATILE ORGANICS	
03 SG 86					
04 SG 86				•	
05 SG 86					
06 SG 86	40.5 - 40.7				



Received: 07/24/91

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REPORT Results by Sample

Work Order # 91-07-276

SAMPLE ID 8G 91 28.6 - 28.8

FRACTION 01A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category ______

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \end{array}$
CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE	<pre></pre>	0.1 0.1 0.1 0.1
DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE	<0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1
DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE	<0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1
trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE	<0.1 <0.1 <0.1 <0.1	$ \begin{array}{r} \hline 0.1 \\ 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline \end{array} $
trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE	<0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1
TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array}$



TADDITATION	· · · · · · · · · · · · · · · · · · ·	
ANAI VITCAL LABORATORIES INC . 730	M Infferen N F a Albumuma	N N/

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Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-∠76 Continued From Above

SAMPLE ID SG 91 28.6 - 28.8

FRACTION <u>01A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG

CLY	C.		4	4

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Received: 07/24/91

REPORT

Work Order # 91-07-276

Results by Sample

SAMPLE ID **SG 91 28.6 - 28.8**

FRACTION <u>01A</u> TEST CODE <u>8020</u> NAME <u>AROMATIC VOLATILE ORGANICS</u>
Date & Time Collected <u>not specified</u> Category _____

PARAMETER	RESULT	DET LIMIT
BENZENE CHLOROBENZENE	<0.1 <0.1	<u>0.1</u> 0.1
1,4-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
ETHYL BENZENE	<0.1	0.1
TOLUENE	<0.1	0.1
XYLENES	<u><0.1</u>	0.1

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



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Received: 07/24/91

REPORT

Work Order # 91-07-276

Results by Sample

SAMPLE ID **SG 86 13.5 - 13.7** FRACTION **02A** TEST CODE **8010**

FRACTION <u>02A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected **not specified** Category ______

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM	$\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ \end{array}$	$\begin{array}{r} 0.1 \\ \hline \end{array}$
2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$
1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<pre></pre>	0.1 0.1 0.1 0.1 0.1



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CLL	I	,		7	

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REPORT Results by Sample

Work Order # 91-07-276
Continued From Above

SAMPLE ID 8G 86 13.5 - 13.7

FRACTION <u>02A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



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Received: 07/24/91

REPORT

Work Order # 91-07-276

Results by Sample

SAMPLE ID SG 86 18.7 - 18.9 FRACTION 03A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified

Category _



TAUDIAIU/AI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87105

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Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-∠76 Continued From Above

SAMPLE ID SG 86 18.7 - 18.9

FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category ______

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



ember: American Council of dependent Laboratories, Inc.

REPORT

Work Order # 91-07 276

Received: 07/24/91

SAMPLE ID SG 86 24.9 - 25.1

Results by Sample

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL FRACTION 04A Date & Time Collected not specified Category ____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	Column	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ 0.1 \\ \hline 0.1 \\ 0.1 \\ \hline \end{array}$



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ANALYTICAL LABOR	ATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 10 Received: 07/24/91 REPORT Results by Sample

Work Order # 91-07-∠76 Continued From Above

SAMPLE ID SG 86 24.9 - 25.1

FRACTION <u>04A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



Member: American Council of Independent Laboratories, Inc.

Work Order # 91-07-276

REPORT

Page 11 Received: 07/24/91

Results by Sample

SAMPLE ID SG 86 35.0 - 35.2

FRACTION 05A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category

PARAMETER	RESULT	LIMIT
PARAMETER  BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPENE cis-1,3-DICHLOROPROPENE	Column	0.1
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1
VINYL CHLORIDE	<0.1	0.1



Page 12 Received: 07/24/91 REPORT Results by Sample

Work Order # 91-07-276 Continued From Above

SAMPLE ID **SG 86 35.0 - 35.2** 

FRACTION <u>05A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG

Page 13 Received: 07/24/91

SAMPLE ID 8G 86 40.5 - 40.7

#### REPORT Results by Sample

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 06A

Date & Time Collected not specified Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1
2-CHLOROETHYL VINYL ETHER CHLOROMETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline \end{array}$
DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,2-DICHLOROETHANE 1,1-DICHLOROETHENE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	$ \begin{array}{r}                                     $	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
METHYLENE CHLORIDE  1,1,1-TRICHLOROETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	$ \begin{array}{r}     0.1 \\     \hline     0.1 \end{array} $



ANALYTICAL LABORA	TORIES, INC.	• 7300 Jefferson, N.E. • Albuquerq	ue. New Mexico 87109

Page 14 Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-_/6
Continued From Above

SAMPLE ID <b>SG</b>	86	40.5	- 40.7	
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FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-276

Page 15 Received: 07/24/91

REPORT Results by Sample

SAMPLE ID <u>8G 86 40.5 - 40.7</u> FRACTION <u>06A</u> TEST CODE <u>8020</u> NAME <u>AROMATIC VOLATILE ORGANICS</u>
Date & Time Collected <u>not specified</u> Category _______

PARAMETER	RESULT	DET LIMIT
BENZENE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
ETHYL BENZENE	<0.1	0.1
TOLUENE	<0.1	0.1
XYLENES	<0.1	0.1

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



# TRANSWESTERN PIPELINE COMPANY

## CHAIN OF CUSTODY

District: Roswell			Date: 7-23-91
Sample Location Valve or Receiver No		ollect. Flush	Sampler
STATION 9			METRIC CORP.
SAMPLE ID NUMBER	SOLVENT USED	SAMPLE ICED	ANALYSES REQUESTED
SG 91 28.6-28.8		Yes	8010 - F02c
SG 86 13.5 · 13.7 SG 86 18.7 · 18.9		YE'S	- Salo
S G 86 24.9 - 25.1		755	8010
SG 86 35.c · 35.2		745	8610
SG86 10.5 · 10.7		YEL	8010 - 8020
		<u> </u>	
		<u>.ll</u>	
Pelinguished By	<b>4</b> 1 <b>4</b> 1	0.0	Date 7-23-91
Relinquished By FARI Relinquished To FFO	CHANLEZ / T	VV P.L.C.	Date 7-23-91
TOTAL TO FEA			
Relinquished By			Date
Relinquished To			Date
Relinquished By			Date
Relinquished To			Date
			Park.
Relinquished By	-		Date
	•		
Laboratory: USS	saigar Los	BS	1.1
Received: QA	in		Date 7/24/91
<del>-01</del>	Ŏ		<del></del>
* MAIL RESULTS TO .	LARRY CAM	PBELL	(505-625-8022)
<b>-</b>	P.O. BOX 171		

ROSWELL N.M. 882-2-1717



## WORK ORDER 7799

☐HAZARDOUS ☐NON-HAZARDOUS	DATE RECEIVED		ESTIMATED (	COST	
CUSTOMER P.O. NUMBER	TOMER P.O. NUMBER TIME RECEIVED		DUE DATE/ /		
9.25		8/7	/11		
CUSTOMER'S NAME	ACCOUNT INI		CONTACT		
ENTEN/THANSanotern)			CFIFFY	CHARY CAN ABOUT	
ADDRESS			PHONE NUME		
CITY / STATE / ZIP					
PARTY RESPONSIBLE F	OD DAVMENT IE C	THER THAN ARA	VE	ACCOUNT STATUS	
NAME		CONTACT	···		
ADDRESS		DUONE NUMBER		PAYMENT REC'D.	
ADDRESS		PHONE NUMBER		OPEN ACCOUNT	
CITY / STATE / ZIP				CHECK NUMBER	
SPECIAL BILLING INSTRUCTIONS					
	SAMPLE INF	ODMATION			
TYPE OF SAMPLE NO. OF SAMPLES *TU	SAIVIPLE TIVE		TIFICATION A	AND / OR SAMPLE SITE	
WATER SOIL RUSH (3 DAYS) SLUDGE OTHER  *(SUBJECT TO WORK LOG)  SAMPLE DELIVERED BY  REGULAR (10 WKG DAYS) FREGULAR (10 WKG DAYS) STATE  *(SUBJECT TO WORK LOG)  SIGNATURE  DATE			DATE		
	ANALYSIS	REQUEST			
WORK DESCRIPTION					
WORK BESSELL TION					
1/010	(020		· · · · · · · · · · · · · · · · · · ·		
SOECIAL INSTRUCTIONS					
BILLING: PICKUP MAIL LOGGED IN BY					

ES. INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 NACYTICAL LABORA Work Order # 91-07-330 age 1 REPORT aceived: 07/30/91 08/09/91 10:27:50 PREPARED Assaigai Analytical Labs REPORT ENRON/TRANSWESTERN PIPELINE BY 7300 Jefferson NE TO 6381 N. MAIN STREET P.O. BOX 1717 Albuquerque, NM 87109 ROSWELL, NM 88202-1717 ATTEN LARRY CAMPBELL ATTEN SYED RIZVI CONTACT LAB MANAGER PHONE (505)345-8964 CLIENT ENRO3 SAMPLES 22 COMPANY ENRON/TRANSWESTERN PIPELINE OUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: ACILITY ROSWELL, NEW MEXICO LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL ENR₀₃ 7300 JEFFERSON N.E. ALBUOUEROUE, N.M. 87109 WORK ID STATION 9-0.S. YARD 7848 TAKEN 7/29/91 TRANS FEDERAL EXPRESS TYPE SOIL P.O. # INVOICE under separate cover TEST CODES and NAMES used on this workorder SAMPLE IDENTIFICATION 8010 S PURGEABLE HALOCARBONS-SOIL 1 OSBH3

2 SG349 0-1.8 3 SG349 2.9-4.6 4 SG349 9.0-10.0 SG349 14.0-14.8 6 SG349 20.3-21.3 7 SG349 25.3-26.3 SG349 29.7-30.4 9 SG360 0.0-2.5 0 SG360 4.0-5.0 1 SG360 9.0-9.9 SG360 14.0-14.7 3 SG360 19.0-20.0 4 SG360 24.0-25.0 .5 SG360 29.0-29.4

AROMATIC VOLATILE ORGANICS 8020

. 1



**ASSAICAL** 

WALYTICAL LABORA 2S, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

age 2 eceived: 07/30/91 REPORT 08/09/91 10:27:50

Work Order # 91-07-330

## SAMPLE IDENTIFICATION

<u>6</u>	SG361	0-2.5
<u>7</u>	SG361	4.0-5.0
8	SG361	9.0-10.0
9	SG361	16.0-16.4
		19.5-19.8
$\overline{1}$	SG361	24.0-25.0
_		38 9-39 3



REPORT

Work Order # 91-07-330

age 3 eceived: 07/30/91

Results by Sample

AMPLE ID OSBH3

FRACTION 01A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

ASSAICTAL
NALYTICAL LABOR* ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

age 4 eceived: 07/30/91 REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID OSBH3

FRACTION <u>01A</u> TEST CODE <u>8010_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



ANALYTICAL LABORA ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

age 5 eceived: 07/30/91

REPORT

Work Order # 91-07-330

Results by Sample

AMPLE ID OSBH3

FRACTION <u>01A</u> TEST CODE <u>8020</u>
Date & Time Collected <u>07/29/91</u>

TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS
Lected 07/29/91 Category ______

PARAMETER	RESULT	DET LIMIT
BENZENE CHLOROBENZENE 1,4-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,2-DICHLOROBENZENE ETHYL BENZENE TOLUENE	$\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array}$	$\begin{array}{r} 0.1 \\ \hline \end{array}$
XYLENES	<0.1	0.1

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



REPORT

Work Order # 91-07-330

age 6 eceived: 07/30/91

Results by Sample

AMPLE ID 8G349 0-1.8

FRACTION 02A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	$\frac{<0.1}{<0.1}$	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE	<0.1 <0.1	0.1
1,1,2-TRICHLOROETHANE TETRACHLOROETHENE	<0.1	0.1
TRICHLOROFLUOROMETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$



ASSAICAI

ANALYTICAL LABORA

is, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

age 7

eceived: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G349 0-1.8

FRACTION 02A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



abor: American Council of pendent Laboratories, Inc. REPORT

Work Order # 91-07-330

eceived: 07/30/91

Results by Sample

AMPLE ID <u>8G349 2.9-4.6</u> FRACTION <u>03A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected **07/29/91** Category ______

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM	$\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array}$	$\begin{array}{r} 0.1 \\ \hline \end{array}$
2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE	$ \begin{array}{r}                                     $	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE	<0.1 <0.1 <0.1 <0.1	0.1 0.1
DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE	<0.1 <0.1 <0.1	0.1 0.1
cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
METHYLENE CHLORIDE  1,1,1-TRICHLOROETHANE  1,1,2-TRICHLOROETHANE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \end{array} $	0.1
TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	$ \begin{array}{r}  < 0.1 \\  < 0.1 \\  < 0.1 \\  < 0.1 \end{array} $	$\begin{array}{r} -0.1 \\ 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \end{array}$

NALYTICAL LABORA

IS, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

age 9 eceived: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G349 2.9-4.6

FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



REPORT

Work Order # 91-07-330

age 10 eceived: 07/30/91

7/30/91 Results by Sample

AMPLE ID 8G349 9.0-10.0 FRACTION 04A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-80IL Date & Time Collected 07/29/91 Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array} $
CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE	<0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1
DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE	<0,1 <0,1 <0,1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE	<0.1 <0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array} $
1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE	<0.1 <0.1 <0.1 <0.1	$ \begin{array}{r}     0.1 \\     0.1 \\     0.1 \\     0.1 \end{array} $
1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $	$\begin{array}{r} -0.1 \\ \hline 0.1 \\ \end{array}$



**ASSAIGAI** 

NALYTICAL LABORA IS, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

1ge 11

eceived: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G349 9.0-10.0

FRACTION <u>04A</u> TEST CODE <u>8010_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 08/05/91
DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



- 1200 amended to the confident fact to the street of 1202

REPORT Results by Sample

Work Order # 91-07-330

AMPLE ID 8G349 14.0-14.8

sceived: 07/30/91

age 12

FRACTION 05A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE	<0.1 <0.1 <0.1	
CARBON TETRACHLORIDE CHLOROBENZENE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
CHLOROETHANE CHLOROFORM	$\frac{<0.1}{<0.1}$	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
2-CHLOROETHYL VINYL ETHER CHLOROMETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE	<0.1 <0.1	0.1
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE	<0.1 <0.1	0.1
1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE	<0.1 <0.1	0,1 0,1
1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	$\frac{<0.1}{<0.1}$	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1	0.1
METHYLENE CHLORIDE  1,1,1-TRICHLOROETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE	$\frac{<0.1}{<0.1}$	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
TRICHLOROFLOOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1	0.1 0.1 0.1



**ASSAICAI** 

LYTICAL LABORA IS, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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eceived: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G349 14.0-14.8

FRACTION 05A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG

ANALYTICAL LABOR/ ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

'age 14 :eceived: 07/30/91 REPORT

Work Order # 91-07-330

AMPLE ID <u>8G349</u> 20.3-21.3

Results by Sample

FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category _____

BROMODICHLOROMETHANE         <0.1	PARAMETER	RESULT	LIMIT
1,1-DICHLOROETHENE       <0.1	BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE	$\begin{array}{c} <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\$	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,2-DICHLOROPROPANE       <0.1	1,2-DICHLOROETHANE 1,1-DICHLOROETHENE	<0.1 <0.1	0.1 0.1
1,1,2,2-TETRACHLOROETHANE       <0.1	1,2-DICHLOROPROPANE	<0.1	0.1
1,1,2-TRICHLOROETHANE       <0.1	1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1	0.1 0.1
TRICHLOROETHENE <0.1 0.1	1,1,2-TRICHLOROETHANE	<0.1	0.1
	TRICHLOROETHENE	<0.1	0.1

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eceived: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G349 20.3-21.3

FRACTION 06A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category ____

Notes and Definitions for this Report:

EXTRACTED 08/05/91 08/05/91 DATE RUN ANALYST D/R UNITS MG/KG



, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 871

ige 16
3ceived: 07/30/91

AMPLE ID 8G349 25.3-26.3

REPORT Results by Sample

Work Order # 91-07-330

FRACTION 07A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____



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eceived: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G349 25.3-26.3

FRACTION 07A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG

ige 18 ceived: 07/30/91 REPORT

Work Order # 91-07-330

Results by Sample

MPLE ID 8G349 29.7-30.4

FRACTION 08A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM	$\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array}$	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$
2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE	<0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE	<0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE	<0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE	<0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1	0.1 0.1 0.1
METHYLENE CHLORIDE  1,1,1-TRICHLOROETHANE  1,1,2-TRICHLOROETHANE	<0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

MPLE ID 8G349 29.7-30.4

FRACTION 08A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG

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age 20 sceived: 07/30/91 REPORT

Work Order # 91-07-330

Results by Sample

AMPLE ID 8G349 29.7-30.4

NAME AROMATIC VOLATILE ORGANICS FRACTION 08A TEST CODE 8020 Date & Time Collected 07/29/91 Category _

PARAMETER	RESULT	DET LIMIT
BENZENE	<0.1	0.1
CHLOROBENZENE	<u>&lt;0.1</u>	0.1
1,4-DICHLOROBENZENE	<0.1	<u> </u>
1,3-DICHLOROBENZENE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
ETHYL BENZENE	<0.1	0.1
TOLUENE	<0.1	0.1
XYLENES	<0.1	0.1

Notes and Definitions for this Report:

EXTRACTED 08/05/91 DATE RUN 08/05/91 ANALYST D/R UNITS ____ MG/KG



age 21 eceived: 07/30/91

## REPORT Results by Sample

Work Order # 91-07-330

AMPLE ID 8G360 0.0-2.5

FRACTION 09A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array}$
CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE	<0.1 <0.1 <0.1 <0.1	$ \begin{array}{r}     0.1 \\     0.1 \\     0.1 \\     0.1 \end{array} $
DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE	<0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE	<0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1
1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$
METHYLENE CHLORIDE  1,1,1-TRICHLOROETHANE  1,1,2-TRICHLOROETHANE  TETRACHLOROETHENE  TRICHLOROFLUOROMETHANE	<0.1 <0.1 <0.1 <0.1	$ \begin{array}{r}     0.1 \\     0.1 \\     0.1 \\     0.1 \end{array} $
TRICHLOROFLOOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ 0.1 \\ \hline 0.1 \end{array}$



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sceived: 07/30/91

REPORT

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G360 0.0-2.5

Results by Sample

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL

FRACTION <u>09A</u> TEST CODE <u>8010 8</u>
Date & Time Collected <u>07/29/91</u>

Category

Notes and Definitions for this Report:

EXTRACTED

08/05/91

DATE RUN

08/05/91

ANALYST D/R UNITS

MG/KG



age 23

eceived: 07/30/91

REPORT

Work Order # 91-07-330

Results by Sample

AMPLE ID 86360 4.0-5.0

FRACTION 10A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
CARBON TETRACHLORIDE CHLOROBENZENE	<0.1	0.1
CHLOROETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
CHLOROFORM 2-CHLOROETHYL VINYL ETHER	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
CHLOROMETHANE DIBROMOCHLOROMETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE	<0.1 <0.1	0.1
1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
METHYLENE CHLORIDE  1,1,1-TRICHLOROETHANE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,1,2-TRICHLOROETHANE TETRACHLOROETHENE	<0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \end{array} $	$\begin{array}{r} -0.1 \\ \hline -0.1 \\ \hline 0.1 \end{array}$



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G360 4.0-5.0

FRACTION 10A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/05/91 DATE RUN 08/05/91 ANALYST D/R UNITS MG/KG



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REPORT

Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G360 9.0-9.9

FRACTION 11A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

BROMODICHLOROMETHANE         <0.1         0.1           BROMOFORM         <0.1         0.1           BROMOMETHANE         <0.1         0.1           CARBON TETRACHLORIDE         <0.1         0.1           CHLOROBENZENE         <0.1         0.1           CHLOROETHANE         <0.1         0.1           CHLOROETHYL VINYL ETHER         <0.1         0.1           CHLOROMETHANE         <0.1         0.1           CHLOROMETHANE         <0.1         0.1           DIBROMOCHLOROMETHANE         <0.1         0.1           1,2-DICHLOROBENZENE         <0.1         0.1           1,4-DICHLOROBENZENE         <0.1         0.1           DICHLOROBENZENE         <0.1         0.1           DICHLOROBENZENE         <0.1         0.1           1,4-DICHLOROBENZENE         <0.1         0.1           DICHLOROBENZENE         <0.1         0.1           1,1-DICHLOROBENZENE         <0.1         0.1           1,1-DICHLOROBENZENE         <0.1         0.1           1,1-DICHLOROBENZENE         <0.1         0.1           1,1-DICHLOROBENZENE         <0.1         0.1           1,1-DICHLOROETHANE         <0.1         0.1	PARAMETER	RESULT	LIMIT
trans-1,3-DICHLOROPROPENE       <0.1	BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1,1-TRICHLOROETHANE       <0.1	trans-1,3-DICHLOROPROPENE	<0,1	0,1
VINVI, CHIOKIDE CO TOTAL	1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE	<0.1 <0.1 <0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array} $



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G360 9.0-9.9

FRACTION 11A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

 EXTRACTED
 08/05/91

 DATE RUN
 08/05/91

 ANALYST
 D/R

 UNITS
 MG/KG



mber: American Council of ependent Laboratories, Inc.

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REPORT

Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G360 14.0-14.7

Received: 07/30/91

FRACTION 12A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE	Column	0.1
METHYLENE CHLORIDE  1,1,1-TRICHLOROETHANE  1,1,2-TRICHLOROETHANE  TETRACHLOROETHENE  TRICHLOROFLUOROMETHANE  TRICHLOROETHENE	$ \begin{array}{r} <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1 \end{array} $	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ \hline 0.1 \\ 0.1 \\ \hline 0.1 \\ 0.1 \\ \hline 0.1 \\ 0.1 \\ \end{array}$
VINYL CHLORIDE	<0.1	0.1



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ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E.	Albuquerque, New Mexico 87109

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REPORT Results by Sample

Work Order # 91-07-30 Continued From Above

SAMPLE	ID	8G360 14.0-14.7
		<u> </u>

FRACTION 12A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



Received: 07/30/91

?age 29

REPORT

Work Order # 91-07-230

Results by Sample

SAMPLE ID **8G360 19.0-20.0** FRACTIO

FRACTION 13A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE	<0.1	0.1
BROMOFORM	<0.1	0.1
BROMOMETHANE	<0.1	0.1
CARBON TETRACHLORIDE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
CHLOROETHANE	<0.1	0.1
CHLOROFORM	<0.1	0.1
2-CHLOROETHYL VINYL ETHER	<0.1	0.1
CHLOROMETHANE	<0.1	0.1
DIBROMOCHLOROMETHANE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
DICHLORODIFLUOROMETHANE	<0.1	0.1
1,1-DICHLOROETHANE	<0.1	0.1
1,2-DICHLOROETHANE	<0.1	0.1
1,1-DICHLOROETHENE	<0.1	0.1
trans-1,2-DICHLOROETHENE	<0.1	0.1
1,2-DICHLOROPROPANE	<0.1	0.1
cis-1,3-DICHLOROPROPENE	<0.1	0.1
1,1,2,2-TETRACHLOROETHANE	<0.1	0.1
trans-1,3-DICHLOROPROPENE	<0.1	0.1
METHYLENE CHLORIDE	<0.1	0.1
1,1,1-TRICHLOROETHANE	<0.1	0.1
1,1,2-TRICHLOROETHANE	<0.1	0.1
TETRACHLOROETHENE	<0.1	0.1
TRICHLOROFLUOROMETHANE	<u> &lt;0.1</u>	0.1
TRICHLOROETHENE	<u> &lt;0.1</u>	0.1
VINYL CHLORIDE	<0.1	0.1



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REPORT Results by Sample

Work Order # 91-07. 30 Continued From Above

SAMPLE ID 8G360 19.0-20.0

FRACTION 13A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



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REPORT Results by Sample

Work Order # 91-07-330

SAMPLE ID <u>8G360 24.0-25.0</u>

FRACTION 14A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____



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?age 32 Received: 07/30/91 REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G360 24.0-25.0

FRACTION 14A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91
DATE RUN 08/06/91
ANALYST D/R
UNITS MG/KG



ANALYTICAL LABORATORES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

?age 33 Received: 07/30/91

## REPORT

Work Order # 91-07-00

Results by Sample

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL AMPLE ID 8G360 29.0-29.4 FRACTION 15A Date & Time Collected 07/29/91 Category _

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \end{array}$
CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE	<0.1 <0.1 <0.1 <0.1	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array} $
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE	<0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE	<0.1 <0.1 <0.1 <0.1	0.1 0.1
cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1	$ \begin{array}{r}                                     $
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0,1 0,1 0,1 0,1 0,1



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G360 29.0-29.4

FRACTION 15A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91
DATE RUN 08/06/91
ANALYST D/R

UNITS

MG/KG



REPORT Received: 07/30/91 Results by Sample

Work Order # 91-07-330

FRACTION 16A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL SAMPLE ID 8G361 0-2.5 Date & Time Collected 07/29/91 Category _

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \end{array}$
CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \end{array} $	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \end{array} $	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE	<0.1 <0.1 <0.1	$   \begin{array}{r}     0.1 \\     0.1 \\     0.1   \end{array} $
1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \end{array} $	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE	$ \begin{array}{r}     <0.1 \\     <0.1 \\     <0.1 \end{array} $	0,1 0,1
1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE	<0.1 <0.1 <0.1	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE	$ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \end{array} $	$ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $
TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	$ \begin{array}{r} <0.1\\ <0.1\\ <0.1 \end{array} $	$\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$



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leceived: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

SAMPLE ID 86361 0-2.5

FRACTION 16A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG

AMPLE ID 8G361 4.0-5.0

ANALYTICAL LABORA' 'ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

'age 37 teceived: 07/30/91

## REPORT

Work Order # 91-07-330

Results by Sample

FRACTION 17A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE	<0.1	0.1
BROMOFORM	<0.1	0.1
BROMOMETHANE	<0.1	0.1
CARBON TETRACHLORIDE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
CHLOROETHANE	<0.1	0.1
CHLOROFORM	<0.1	0.1
2-CHLOROETHYL VINYL ETHER	<0.1	0.1
CHLOROMETHANE	<0.1	0.1
DIBROMOCHLOROMETHANE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
DICHLORODIFLUOROMETHANE	<0.1	0,1
1,1-DICHLOROETHANE	<0.1	0.1
1,2-DICHLOROETHANE	<0.1	0.1
1,1-DICHLOROETHENE	<0.1	0.1
trans-1,2-DICHLOROETHENE	<0.1	0.1
1,2-DICHLOROPROPANE	<0.1	0.1
cis-1,3-DICHLOROPROPENE	<0.1	0.1
1,1,2,2-TETRACHLOROETHANE	<0.1	0.1
trans-1,3-DICHLOROPROPENE	<0.1	0.1
METHYLENE CHLORIDE	<0.1	0.1
1,1,1-TRICHLOROETHANE	<0.1	0.1
1,1,2-TRICHLOROETHANE	<0.1	0.1
TETRACHLOROETHENE	<0.1	0.1
TRICHLOROFLUOROMETHANE	<0.1	0.1
TRICHLOROETHENE	<u>&lt;0.1</u>	0.1
VINYL CHLORIDE	<u>&lt;0,1</u>	0.1



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

AMPLE ID 8G361 4.0-5.0

FRACTION 17A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG

?age 39

Received: 07/30/91

### REPORT

Work Order # 91-07-530

Results by Sample

FRACTION 18A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL

Date & Time Collected 07/29/91 Category



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Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G361 9.0-10.0

FRACTION 18A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



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SAMPLE ID 8G361 16.0-16.4

### REPORT

Work Order # 91-07-330

Results by Sample

FRACTION 19A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE	<0.1	0.1
BROMOFORM	<0.1	0.1
BROMOMETHANE	<0.1	0.1
CARBON TETRACHLORIDE	<0.1	0.1
CHLOROBENZENE	<0.1	0,1
CHLOROETHANE	<0.1	0.1
CHLOROFORM	<0.1	0.1
2-CHLOROETHYL VINYL ETHER	<0.1	0.1
CHLOROMETHANE	<0.1	0.1
DIBROMOCHLOROMETHANE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0,1
DICHLORODIFLUOROMETHANE	<0.1	0.1
1,1-DICHLOROETHANE	<0.1	0.1
1,2-DICHLOROETHANE	<0.1	0.1
1,1-DICHLOROETHENE	<0.1	0.1
trans-1,2-DICHLOROETHENE	<0,1	0.1
1,2-DICHLOROPROPANE	<0.1	0.1
cis-1,3-DICHLOROPROPENE	<0.1	0.1
1,1,2,2-TETRACHLOROETHANE	<0.1	0.1
trans-1,3-DICHLOROPROPENE	<0.1	0.1
METHYLENE CHLORIDE	<0.1	0,1
1,1,1-TRICHLOROETHANE	<0.1	0.1
1,1,2-TRICHLOROETHANE	<0.1	0.1
TETRACHLOROETHENE	<0.1	0,1
TRICHLOROFLUOROMETHANE	<0,1	0.1
TRICHLOROETHENE	<0.1	0.1
VINYL CHLORIDE	<0.1	0.1



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G361 16.0-16.4

FRACTION 19A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



REPORT Results by Sample

Work Order # 91-07-30

SAMPLE ID 8G361 19.5-19.8

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FRACTION 20A

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91

Category

PARAMETER RESULT LIMIT **BROMODICHLOROMETHANE** 0.1 <0.1 <0.1 0.1 **BROMOFORM BROMOMETHANE** <0.1 0.1 CARBON TETRACHLORIDE <0.1 0.1 CHLOROBENZENE <0.1 0.1 **CHLOROETHANE** <0.1 0.1 CHLOROFORM <0.1 0.1 0.1 2-CHLOROETHYL VINYL ETHER <0.1 CHLOROMETHANE <0.1 0.1 **DIBROMOCHLOROMETHANE** <0.1 0.1 1.2-DICHLOROBENZENE <0.1 0.1 1,3-DICHLOROBENZENE <0.1 0.1 1,4-DICHLOROBENZENE <0.1 0.1 <0.1 0.1 DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE <0.1 0.1 1.2-DICHLOROETHANE <0.1 0.1 1,1-DICHLOROETHENE 0.1 < 0.1 trans-1,2-DICHLOROETHENE <0.1 0.1 1,2-DICHLOROPROPANE <0.1 0.1 cis-1,3-DICHLOROPROPENE <0.1 0.1 1,1,2,2-TETRACHLOROETHANE 0.1 <0.1 trans-1,3-DICHLOROPROPENE 0.1 <0.1 METHYLENE CHLORIDE <0.1 0.1 1,1,1-TRICHLOROETHANE <0.1 0.1 1,1,2-TRICHLOROETHANE <0.1 0.1 TETRACHLOROETHENE <0.1 0.1 0.1 TRICHLOROFLUOROMETHANE < 0.1 TRICHLOROETHENE <0.1 0.1 VINYL CHLORIDE <0.1 0.1



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Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G361 19.5-19.8

FRACTION 20A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



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REPORT

Work Order # 91-07-30

Received: 07/30/91

SAMPLE ID 8G361 24.0-25.0

7/30/91 Results by Sample

FRACTION 21A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE	RESULT    <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0.1     <0	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	$\begin{array}{r} <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ <0,1\\ \end{array}$	$\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$



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ANALYTICAL LAROPATODIRG ING. 2200 Let N. P. Atl.	

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Work Order # 91-07-30 Continued From Above

SAMPLE ID 8G361 24.0-25.0

FRACTION 21A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category _____

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



ember: American Council of dependent Laboratories, Inc. Page 47 Received: 07/30/91 REPORT

Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G361 38.9-39.3 FRACTION 22A TEST CODE 8010 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLOROBITLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1



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Work Order # 91-07-330 Continued From Above

SAMPLE ID **8G361 38.9-39.3** 

FRACTION 22A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



## TRANSWESTERN PIPELINE COMPANY

### CHAIN OF CUSTODY

District: ROSWELL	<del></del>		Date: <u>7-29-91</u>
Sample Location Valve or Receiver N		ollect. Flush	Sampler
STATION 9 - D.S YARD			METRIC CORP
SAMPLE ID NUMBER	SOLVENT USED	SAMPLE ICED	ANALYSES REQUESTED
оѕвиз	<del></del> .	74.5	8610 8020
56349 0-1.8		yes	801:
Sc349 2.9-4.6		YES	8010
50349 9.0-10.0	<del></del>	Yes	Pais
SG349 19-0-14.8		Yes	8610
SG349 20.3-21.3	<del></del>	YES	feio
S6745 25.3-26.3	······································	A =2	fc10
S6345 29.7.3.4		YES	8014 , 8624
Se360 0.0 - 2.5.	<del></del>	YEL	fore
SG360 4.0-5.0 SC360 9.0-9.9	<del></del>	Y 45     Y 45	6.10 8010
Relinquished By FAR	L CHANLEY -	Twer co.	Date
Relinquished To Fco	<u>-x</u>		Date 7-29-91
Dalimeniak - 3. b			Position.
Relinquished By			Date
Relinquished To	<del></del>	<del> </del>	Date
Relinquished By			Date
Relinquished To			Date
Kerringurshed 10			Bate
Relinquished By			Date
Relinquished By			Date
retindatoned pl			
Laboratory:	SA'SA'	LABS	

P.c. 30x 1717

RESWELL N. MEX. 88262-1717

Page 1

REPORT Received: 07/26/91

Work Order # 91-07-299

08/05/91 09:26:18

REPORT ENRON/TRANSWESTERN PIPELINE TO 6381 N. MAIN STREET P.O. BOX 1717 ROSWELL, NM 88202-1717 ATTEN LARRY CAMPBELL

PREPARED Assaigai Analytical Labs BY 7300 Jefferson NE Albuquerque, NM 87109

CERTIFIED BY

ATTEN SYED RIZVI

PHONE (505)345-8964

CONTACT LAB MANAGER

CLIENT ENRO3 SAMPLES 8 COMPANY ENRON/TRANSWESTERN PIPELINE FACILITY ROSWELL, NEW MEXICO ENR₀3

OUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E. ALBUOUEROUE, N.M. 87109

WORK ID STATION 9 7821 TAKEN TRANS FED X TYPE SOIL P.O. #

INVOICE under separate cover

#### SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

8010 S PURGEABLE HALOCARBONS-SOIL

01 OSBH1 18.9 - 19.1 02 OSBH1 34.3 - 34.5 9.9 - 10.103 OSBH2 04 OSBH2 22.5 - 22.605 OSBH2 31.1 - 31.3 06 OSBH2 41.8 - 42.0or osbh2 55.2 - 55.4 69.0 - 69.2OSBH2

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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07 39 Continued From Above

SAMPLE ID OSBH1 18.9 - 19.1

FRACTION <u>01A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 08/01/91
DATE RUN 08/01/91

ANALYST D/R

UNITS MG/KG



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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-299

SAMPLE ID **OSBH1 34.3 - 34.5** 

FRACTION <u>02A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE		$\begin{array}{c} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\$
trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE	<0.1 <0.1	$\frac{0.1}{0.1}$
1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE	<pre></pre>	0.1 0.1 0.1 0.1 0.1 0.1



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REPORT Results by Sample

Work Order # 91-07-∠99 Continued From Above

SAMPLE ID **OSBH1 34.3 - 34.5** 

FRACTION <u>02A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 08/01/91

DATE RUN 08/01/91

ANALYST D/R

UNITS MG/KG



Page 6 Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-299

SAMPLE ID OSBH2 9.9 - 10.1

FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE	<0.1	0.1
BROMOFORM	<0.1	0.1
BROMOMETHANE	<0.1	0.1
CARBON TETRACHLORIDE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
CHLOROETHANE	<0.1	0.1
CHLOROFORM	<u> &lt;0.1</u>	0.1
2-CHLOROETHYL VINYL ETHER	<u>&lt;0.1</u>	0.1
CHLOROMETHANE	<0.1	0.1
DIBROMOCHLOROMETHANE	<0.1	0.1
1,2-DICHLOROBENZENE	<0.1	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
DICHLORODIFLUOROMETHANE	<u> &lt;0.1</u>	0.1
1,1-DICHLOROETHANE	<u> &lt;0.1</u>	0.1
1,2-DICHLOROETHANE	<u> &lt;0.1</u>	0.1
1,1-DICHLOROETHENE	<u> &lt;0.1</u>	0.1
trans-1,2-DICHLOROETHENE	<u> &lt;0.1</u>	0.1
1,2-DICHLOROPROPANE	<u> &lt;0.1</u>	0.1
cis-1,3-DICHLOROPROPENE	<u> &lt;0.1</u>	<u> </u>
1,1,2,2-TETRACHLOROETHANE	<u> &lt;0.1</u>	0.1
trans-1,3-DICHLOROPROPENE	<u> &lt;0.1</u>	<u> </u>
METHYLENE CHLORIDE	<u>&lt;0.1</u>	0.1
1,1,1-TRICHLOROETHANE	<u>&lt;0.1</u>	0.1
1,1,2-TRICHLOROETHANE	<0.1	0.1
TETRACHLOROETHENE	<u>&lt;0.1</u>	0.1
TRICHLOROFLUOROMETHANE	<0.1	0.1
TRICHLOROETHENE	<0.1	0.1
VINYL CHLORIDE	<0.1	0.1



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REPORT Results by Sample

Work Order # 91-07-∠99 Continued From Above

SAMPLE ID OSBH2 9.9 - 10.1

FRACTION 03A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category

Notes and Definitions for this Report:

MG/KG

EXTRACTED 08/01/91
DATE RUN 08/01/91
ANALYST D/R

UNITS



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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07 299

SAMPLE ID OSBH2 22.5 - 22.6

FRACTION <u>04A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

PARAMETER	RESULT	LIMIT
BROMODICHLOROMETHANE	<u> &lt;0.1</u>	0.1
BROMOFORM	<0.1	0.1
BROMOMETHANE	<0.1	0.1
CARBON TETRACHLORIDE	<0.1	0.1
CHLOROBENZENE	<0.1	0.1
CHLOROETHANE	<0.1	0.1
CHLOROFORM	<0.1	0.1
2-CHLOROETHYL VINYL ETHER	<0.1	0.1
CHLOROMETHANE	<0.1	0.1
DIBROMOCHLOROMETHANE	<0.1	0.1
1,2-DICHLOROBENZENE	<u> &lt;0.1</u>	0.1
1,3-DICHLOROBENZENE	<0.1	0.1
1,4-DICHLOROBENZENE	<0.1	0.1
DICHLORODIFLUOROMETHANE	<0.1	0.1
1,1-DICHLOROETHANE	<0.1	0.1
1,2-DICHLOROETHANE	<0.1	0.1
1,1-DICHLOROETHENE	<0.1	0.1
trans-1,2-DICHLOROETHENE	<0.1	0.1
1,2-DICHLOROPROPANE	<u> &lt;0.1</u>	0.1
cis-1,3-DICHLOROPROPENE	<u> &lt;0.1</u>	
1,1,2,2-TETRACHLOROETHANE	<u> &lt;0.1</u>	0.1
trans-1,3-DICHLOROPROPENE	<u> &lt;0.1</u>	<u> </u>
METHYLENE CHLORIDE	<u> &lt;0.1</u>	0,1
1,1,1-TRICHLOROETHANE	<u> &lt;0.1</u>	0.1
1,1,2-TRICHLOROETHANE	<0.1	0.1
TETRACHLOROETHENE	<u> &lt;0.1</u>	0.1
TRICHLOROFLUOROMETHANE	<u> &lt;0.1</u>	0.1
TRICHLOROETHENE	<u>&lt;0.1</u>	<u> </u>
VINYL CHLORIDE	<0.1	0.1



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REPORT Results by Sample

Work Order # 91-07 - 99 Continued From Above

SAMPLE ID <u>OSBH2</u> 22.5 - 22.6

FRACTION <u>04A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category _____

Notes and Definitions for this Report:

EXTRACTED 08/01/91
DATE RUN 08/01/91
ANALYST D/R
UNITS MG/KG



Received: 07/26/91

~~~ REPORT

Work Order # 91-07=299

Results by Sample

SAMPLE ID <u>OSBH2</u> 31.1 - 31.3

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL FRACTION 05A Date & Time Collected not specified Category \_\_\_



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|-----------------------|-----------------------------------|-------------------------------|
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REPORT Results by Sample

Work Order # 91-07. \_99
Continued From Above

SAMPLE ID **OSBH2 31.1 - 31.3**

FRACTION <u>05A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/01/91

DATE RUN 08/01/91

ANALYST D/R

UNITS MG/KG



REPORT

Work Order # 91-07-499

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Results by Sample

SAMPLE ID OSBH2 41.8 - 42.0

FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-----------------------------------|-----------------|------------------------------------------------|
| BROMODICHLOROMETHANE
BROMOFORM | <0.1
<0.1 | <u>0.1</u>
0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <u> <0.1</u> | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <u> <0.1</u> | 0.1 |
| DIBROMOCHLOROMETHANE | <u> <0.1</u> | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <u><0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <u><0.1</u> | <u> </u> |
| DICHLORODIFLUOROMETHANE | <u><0.1</u> | $\phantom{00000000000000000000000000000000000$ |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHENE | <u> <0.1</u> | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 |
| 1,2-DICHLOROPROPANE | <u> <0.1</u> | 0.1 |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <u><0.1</u> | 0.1 |
| trans-1,3-DICHLOROPROPENE | <u><0.1</u> | 0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <u><0.1</u> | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



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REPORT Results by Sample

Work Order # 91-07-299
Continued From Above

SAMPLE ID <u>OSBH2 41.8 - 42.0</u>

FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

 EXTRACTED
 08/01/91

 DATE RUN
 08/01/91

 ANALYST
 D/R

 UNITS
 MG/KG



Received: 07/26/91

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REPORT

Work Order # 91-07-∠99

Results by Sample

SAMPLE ID **OSBH2** 55.2 - 55.4

FRACTION <u>07A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>

Date & Time Collected <u>not specified</u> Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| PARAMETER BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE | Column | 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 |
| 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE | <0.1
<0.1 | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE
trans-1,3-DICHLOROPROPENE
METHYLENE CHLORIDE
1,1,1-TRICHLOROETHANE | $ \begin{array}{r} &<0.1 \\ &<0.1 \\ &<0.1 \\ &<0.1 \end{array} $ | $\begin{array}{r} -0.1 \\ \hline -0.1 \\ \hline -0.1 \\ \hline -0.1 \\ \hline \end{array}$ |
| 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1 |



| | TANNIALUIAL | | | |
|---|---------------------------------------------|-----------|------------|------------------|
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REPORT Results by Sample

Work Order # 91-07 299 Continued From Above

SAMPLE ID <u>OSBH2</u> 55.2 - 55.4

FRACTION <u>07A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

 EXTRACTED
 08/01/91

 DATE RUN
 08/01/91

 ANALYST
 D/R

 UNITS
 MG/KG



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Received: 07/26/91

REPORT

Work Order # 91-07 299

Results by Sample

SAMPLE ID <u>OSBH2 69.0 - 69.2</u> FRACTION <u>O8A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected not specified Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE | Column | 0.1 |
| trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | | $\begin{array}{c} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$ |



| LAL | UI | UII | T. |
|-----|----|-----|-----------|
| | | | |

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.H. • Albuquerque, New Mexico 87109

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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-∠99 Continued From Above

SAMPLE ID <u>OSBH2</u> 69.0 - 69.2

FRACTION <u>08A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

MG/KG

EXTRACTED 08/01/91

DATE RUN 08/01/91

ANALYST D/R

UNITS

tember: American Council of

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | | | Date: 7-25-91 | |
|----------------------------------------|--------------------------------------------------|-----------------------------------------|-----------------|--------|
| Sample Location
Valve or Receiver 1 | Vol. C
No. During | ollect.
Flush | Sampler | |
| STATION 9 | | | METRIC CORP. | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANALYSES REQUE | |
| OS BHI 18.9 - 19.1 | | YKS | 8010 | |
| 058H1 35.3.34.5 | | YES | 8010 | |
| OSB H2 9.9 - 10.1 | | 765 | 8010 | |
| 05BHC 26.5-22.6 | | | 8010 | |
| 0.54-8.14 SHB 20 | | 745 | 8010
8010 | |
| 4.2.5.2. SHQ20 | | 488 | 8010 | |
| OCRH2 (9.0 . 69.2 | | YES | 8010 | |
| | | | | |
| Relinquished By FA | RL CHANLEY/ | TWPL CO. | Date 7.24 | |
| Relinquished To Fr | 0-X | | Date <u>7.2</u> | 1-91 |
| Dolinguighed Pro | | | Data. | |
| Relinquished By
Relinquished To | | | Date
Date | |
| Kerrindarshed 10 | | | Date | |
| Relinquished By | | | Date | |
| Relinquished To | | | Date | |
| | | | | |
| Relinquished By | | | Date | |
| Relinquished By | | *************************************** | Date | |
| Laboratory: | | | | |
| Received: | | | Date | |
| MAIL RESULTS TO : | LARRY CAMP | BELL | (505-625- | 's 22) |

P.O. BOX 1717

ROSWELL NM \$82.2-1717



WORK ORDER 7821

| | DATE RECEIVED / | Te la | STIMATED CO | OST |
|----------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|----------------|------------------------------|
| HAZARDOUS NON-HAZARDOUS | 7/26/9 | ς/ <sup>5</sup> | | / |
| CUSTOMER P.O. NUMBER | TIME RECEIVED | | OUE DATE | 4/91 |
| | ACCOUNT IN | FORMATION | 7 | |
| CUSTOMER'S NAME | | C | CONTACT
CCC | Lyman |
| ADDRESS | | . P | HONE NUMBE | iR) |
| CITY/STATE/ZIP | | | | |
| PARTY RESPONSIBLE | FOR PAYMENT IF C | THER THAN ABOY | /E | ACCOUNT STATUS |
| NAME | | CONTACT | | |
| ADDRESS | | PHONE NUMBER | 1 | PAYMENT REC'D. OPEN ACCOUNT |
| CITY / STATE / ZIP | | | ii ii | CASH |
| SPECIAL BILLING INSTRUCTIONS | | | | |
| | SAMPLE INF | ORMATION | | |
| TYPE OF SAMPLE NO. OF SAMPLES *T | URN AROUND TIME | SAMPLE IDENT | IFICATION AN | ND / OR SAMPLE SITE |
| SOIL R | EGULAR (10 WKG DAYS) SUSH (3 DAYS) MERGENCY (STAT) (SUBJECT TO WORK LOG) SIGNA | Station. | <u> </u> | ØATE / |
| 100, | | | | 1/26/9/ |
| | ANALYSIS | REQUEST | | |
| WORK DESCRIPTION | <u>)</u> | | | |
| | | | | |
| | | | | |
| | | | | |
| SPECIAL INSTRUCTIONS | | | | |
| BILLING: PICKUP MAIL | | LOGGED JN BY | | |

Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number:

Order #: 91-08-024

Date: 08/16/91 14:31

Work ID: STATION 9 - O.S. YARD 7885

Date Received: 08/02/91 Date Completed: 08/16/91

SAMPLE IDENTIFICATION

| Sample
Number | | Sample Sample
Number Description | <u> </u> |
|------------------|-------------------|-------------------------------------|----------|
| 01 | OSBH3 44.1-44.3 | 02 OSBH3 54.8 - 55.0 | |
| 03 | OSBH4 27.5 - 27.7 | 04 OSBH5 14.0 - 14. | 2 |
| 05 | OSBH5 19.6 - 19.9 | 06 OSBH5 23.4 - 23. | 6 |
| 07 | OSBH6 13.6 - 13.8 | 08 OSBH6 47.0 - 47.2 | |
| 09 | OSBH6 52.6 - 52.8 | 10 OSBH6 70.0 - 71.0 | |
| 11 | OSBH7 22.1 - 22.3 | | |



Order # 91-08-024 08/16/91 14:31 Assaigai Analytical Labs

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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By SYED N. RIZVI



ANALYTICAL LABOR ATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Order # 91-08-024 08/16/91 14:31

Assaigai Analytical Labs

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TEST RESULTS BY SAMPLE

Sample: 01A OSBH3 44.1-44.3

Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | • • | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | • • | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



Order # 91-08-024 08/16/91 14:31

Assaigai Analytical Labs

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. . . .

| Test Description | Result | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|------------------------|--------|--------------|--------------|-----------------|-----------|
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 02A OSBH3 54.8 - 55.0

Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | · | | • |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



Assaigai Analytical Labs

| Test Description | Result | Limit | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|--------|-------|--------------|-----------------|-----------|
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



Assaigai Analytical Labs

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Collected: Sample: 03A OSBH4 27.5 - 27.7

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | By |
|----------------------------|---------------|--------------|--------------|-----------------|-----|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



Assaigai Analytical Labs

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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 04A OSBH5 14.0 - 14.2

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|----------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



Assaigai Analytical Labs

| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | . 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



Assaigai Analytical Labs

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Sample: 05A OSBH5 19.6 - 19.9 Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | • | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u> Units</u> | <u>Analyzed</u> | <u>By</u> |
|------------------------|---------------|--------------|---------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 06A OSBH5 23.4 - 23.6

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | • | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | • | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | • | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | • | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



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Sample: 07A OSBH6 13.6 - 13.8 Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | • • | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | • • | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| • • | | | • | • | • |



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| Test Description | Result | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|------------------------|--------|--------------|--------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 08A OSBH6 47.0 - 47.2

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | By |
|----------------------------|---------------|--------------|--------------|-----------------|-----|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|---------------------------|--------|--------------|--------------|-----------------|-----------|
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 09A OSBH6 52.6 - 52.8

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|----------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|---------------|--------------------------------------------------------------|--------------------|-----------------|-----------|
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | • • | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | . 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | • • | D/R |
| <0.1 | 0.1 | | • • | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | <pre><0.1</pre> | <0.1 | <0.1 |

Sample: 10A OSBH6 70.0 - 71.0

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|-----------------|-----------|
| ADOMATTC VOLATILE ORGANICS | | 0.1 | | | |



Assaigai Analytical Labs

| Most Description | Demile | T 2 2 | TTm J do m | 31 | D |
|---------------------------------------|-------------|--------------|--------------|----------|-----|
| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | By |
| BENZENE | <0.1 | 0.1 | MG/KG | • • | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | • | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | • • | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | • • | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | • • | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | • • | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | • • | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | | |
| trans-1,2-DICHLOROETHENE | <0.1 | | | | D/R |
| · · · · · · · · · · · · · · · · · · · | <0.1 | 0.1 | MG/KG | • • | D/R |
| 1,2-DICHLOROPROPANE | ~0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



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| Test Description | Result | <u>Limit</u> | <u> Units</u> | Analyzed | <u>By</u> |
|---------------------------|--------|--------------|---------------|-----------------|-----------|
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINVI. CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 11A OSBH7 22.1 - 22.3 Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | , , | • |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | . 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



Assaigai Analytical Labs

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TEST METHODOLOGIES

8010\_S = USEPA SW-846 METHOD # 8010

8020 = USEPA SW-846 METHOD # 8020



Member: American Council of Independent Laboratories, Inc.

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | | | Date: <u>8-1-91</u> |
|----------------------------------------|-----------------|----------------|-------------------------|
| Sample Location
Valve or Receiver N | | | Sampler |
| STATION 9 - 0.5. YAR | · | | METRIC CORP |
| | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANALYSES REQUESTED |
| 058H3 14.1-44.3.
058H3 54.8-55.6 | | YES | 8010 |
| OSBH4 27.5 · 27.7 | | YES | fold · Roza |
| 2.11 - 0.41 ZHBZe | | 725 | 8010 |
| 658 H 5 19.6 -19.9 | | YES | 2010 |
| OSBHS 23.4-28.6 | | YES | 2610 -8020 |
| 9.EL - 13.6 - 13.0 | | 224 | 8 010 |
| OSBHC +7.8 - 47.2 | | YES | 8.10 |
| 858H6 52.6 - 52.8 | | 782 | 8010 |
| 05BH6 70.6 - 71.4 | | Yes | 8010 - 8020 |
| 06 B H 7 22.1 - 22.3 | | Yes | 8010 - 8020 |
| Polinguiched Pr. 44 | | | Data Galant |
| Relinquished By EA | LL SHANLET | - TWPL | Date 8-1-91 Date 8-1-91 |
| Relinquished To | <u>D - 4</u> | | Date |
| Relinquished By | | | Date |
| Relinquished To | | | Date |
| | | | |
| Relinguished By | | | Date |
| Relinquished To | | | Date |
| | | | |
| Relinquished By | | | Date |
| Relinquished By | | | Date |
| Laboratory: Qssa
Received: CS | usai Labs. | | Date 8/2/9/ |



WORK ORDER 7885

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| □ HAZARDOUS □ NON-HAZARDOUS | DATE RECEIVED | | ESTIMATED (| COST |
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| ADDRESS | | | PHONE NUME | BER ? |
| CITY / STATE / ZIP | | | | |
| | | | | |
| PARTY RESPONSIBLE F | OR PAYMENT IF C | THER THAN ABO | VE | ACCOUNT STATUS |
| NAME | | CONTACT | | |
| ADDRESS | | PHONE NUMBER | | PAYMENT REC'D. |
| ADDRESS | | PROME NOMBEN | | OPEN ACCOUNT |
| CITY / STATE / ZIP | | | | CASH |
| TOTAL ON LINE INCOME. | | | | |
| SPECIAL BILLING INSTRUCTIONS | | | | |
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| SLUDGE OTHER | | | | |
| - (5 | SUBJECT TO WORK LOG) | | | |
| SAMPLE DELIVERED BY | SIGNA
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| | ANALYSIS | REQUEST | | - |
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| SPECIAL INSTRUCTIONS | | | | |
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| BILLING: PICKUP MAIL | | | | j |

Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number:

Order #: 91-08-048 Date: 08/20/91 14:21

Work ID: STA 9 0.S.YARD

Date Received: 08/06/91
Date Completed: 08/20/91

7908

SAMPLE IDENTIFICATION

| Sample | | Sample | Sample | | Sample | • |
|--------|-------|-------------|---------------|-------|--------------------|---|
| Number | | Description | <u>Number</u> | | <u>Description</u> | |
| 01 | OSBH7 | 33.5 - 33.7 | 02 | OSBH7 | 37.0 - 37.2 | |
| 03 | OSHB8 | 4.6 - 4.9 | 04 | OSBH8 | 33.9 - 34.1 | |
| 05 | OSBH8 | 49.7 - 49.9 | 06 | OSBH9 | 4.5 - 4.9 | |
| 07 | OSBH9 | 32.0 - 32.5 | . 08 | OSBH9 | 49.5 - 49.7 | |



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| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | By |
|------------------------|--------|--------------|--------------|-----------------|----|
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 02A OSBH7 37.0 - 37.2 Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | By |
|----------------------------|---------------|--------------|--------------|-----------------|----|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| ETHYL BENZENE | γ 0.19 | 0.1 | MG/KG | 08/15/91 | SR |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| XYLENES | × 0.44 | 0.1 | MG/KG | 08/15/91 | SR |
| PURGEABLE HALOCARBONS-SOIL | • | 0.1 | • | • | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



Assaigai Analytical Labs

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 . | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | 0.17 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| | | | | | |



Assaigai Analytical Labs

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Sample: 03A OSHB8 4.6 - 4.9

| Test_Description | Result | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | By |
|----------------------------|--------|--------------|--------------|-----------------|----|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



Assaigai Analytical Labs

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| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|-------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 04A OSBH8 33.9 - 34.1

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | 0.12 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



Assaigai Analytical Labs

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| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | By |
|---------------------------|--------|--------------|--------------|----------|----|
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 05A OSBH8 49.7 - 49.9

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|--------------------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | *** | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| ETHYL BENZENE | <sup>7</sup> 0.14 | 0.1 | MG/KG | 08/15/91 | SR |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| XYLENES | <sub>5</sub> . 0.3 | 0.1 | MG/KG | 08/15/91 | SR |



Assaigai Analytical Labs

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



Assaigai Analytical Labs

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Sample: 06A OSBH9 4.5 - 4.9

Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|---------------|--------------|--------------|----------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINVI. CHLORIDE | ∠n 1 | 0 1 | MC/KC | 08/15/91 | SP |

Sample: 07A OSBH9 32.0 - 32.5

| Test Description PURGEABLE HALOCARBONS-SOIL | Result | Limit
0.1 | <u>Units</u> | Analyzed | <u>By</u> |
|---------------------------------------------|--------|--------------|--------------|----------|-----------|
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



Assaigai Analytical Labs

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| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | By |
|---------------------------|--------|--------------|--------------|-----------------|----|
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 08A OSBH9 49.5 - 49.7

| <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------|----------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 0.1 | | | |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1 <0.1 0.1 MG/KG | 0.1 <0.1 0.1 MG/KG 08/15/91 |



Assaigai Analytical Labs

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 . | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| | | | | | |



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TEST METHODOLOGIES

8010\_S = USEPA SW-846 METHOD # 8010

8020 = USEPA SW-846 METHOD # 8020



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WORK ORDER 7908

| | <u></u> | | | |
|---------------------------------------------------------------------------------|-----------------|---------------|--------------|------------------------------|
| CUSTOMER P.O. NUMBER DATE RECEIVED TIME RECEIVED | | | ESTIMATED | COST |
| CUSTOMER P.O. NUMBER TIME RECEIVED ' /// // // // // // // // // // // // / | | | DUE DATE / | |
| į. | ACCOUNT IN | FORMATION | 7 | <u> </u> |
| CONTACT CONTACT CALL CALLED | | | | |
| / | | | 625 | SC2 2 |
| CITY/STATE/ZIP | | | | |
| PARTY RESPONSIBLE F | OR PAYMENT IF C | THER THAN ABO | VF | ACCOUNT STATUS |
| NAME | | CONTACT | | |
| ADDRESS | | PHONE NUMBER | | PAYMENT REC'D. OPEN ACCOUNT |
| CITY / STATE / ZIP | | | | CASH |
| SPECIAL BILLING INSTRUCTIONS | | | | L |
| | SAMPLE INF | ORMATION | | |
| TYPE OF SAMPLE NO. OF SAMPLES *TUP | RN AROUND TIME | | TIFICATION A | AND / OR SAMPLE SITE |
| WATER SOIL RUSH (3 DAYS) NO. OF CONTAINERS SLUDGE OTHER *(SUBJECT TO WORK LOG) | | | | |
| SAMPLE DELIVERED BY SIGNATURE DATE SIGNATURE | | | | |
| | ANALYSIS | REQUEST | | |
| | | | | |
| WORK DESCRIPTION | | | | |
| 010.5, 6020 | , | | | · |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| SPECIAL INSTRUCTIONS | | | | |
| | | | | |
| | | | | |
| BILLING: PICKUP MAIL LOGGED IN BY | | | | |

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | | | Date: | 8-5-91 |
|-----------------------------------------|--------------------|----------------|------------|-----------------------------------------|
| Sample Location
Valve or Receiver No | Vol. Co
During | | Sam | pler |
| STAT. 9 - 0.5. YARD | | | DETRI | |
| | | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | <u>ANA</u> | LYSES REQUESTED |
| OSBH7 33.5-33.7 | | YES | 8010 | |
| OSBH7 37.4-37.2 | | YES | 8010 | 8020 |
| 058 HP 4.6 - 4.7 | | YES | 2010 | |
| OSBHP 33.9.34.1 | ···. | YES | 8010 | |
| OS BHP 49.7.49.9 | | 755 | BOIL. | £124 |
| OSBH9 1.5 - 1.9 | | YES | 2011 | |
| 05849 32.0-32.5 | | Acc | 2010 | 8420 |
| OCRH9 47.5-49.7 | | AET | Polo, | P4 2 0 |
| Relinquished By EAR Relinquished To | ь СНЛЫСБУ
0 — X | /Twr | | Date <u>\$-5-91</u> Date <u>\$-6-91</u> |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date · |
| | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date |
| | | | | |
| Relinquished By | | | | Date |
| Relinquished By | | | | Date |
| Laboratory: ASSA16. Received: | an Lams | | | |

APPENDIX C

LABORATORY RESULTS AND TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE 6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717 Attn: LARRY CAMPBELL

Invoice Number: 911774

Order #: 91-08-239

Date: 09/05/91 12:15
Work ID: STATION 9

Date Received: 08/22/91

Date Completed: 09/05/91

7752

\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample | Sample | Sample | e Sample |
|--------|--------------------|---------------|--------------------|
| Number | <u>Description</u> | <u>Number</u> | <u>Description</u> |
| 03 | PIT I 2.8 - 3.0 | 04 | PIT I 9.2 - 9.4 |
| 05 | PIT I 13.5 - 13.7 | 06 | PIT I 18.8 - 19.0 |
| 07 | PIT I 26.8 - 27.0 | 08 | PIT I 30.6 - 30.8 |
| 09 | PIT I 41.6 - 41.8 | 10 | PIT I 43.5 - 43.7 |



Order # 91-08-239 09/05/91 12:15

Assaigai Analytical Labs

Page 2

OUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

SYED N. RIZVI



Order # 91-08-239 09/05/91 12:15

Assaigai Analytical Labs

Page 3

REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS Minimum: 5.0 Maximum: 100

Method: EPA 418.1

| Sample | Sample Description | <u>Result</u> | <u>Units</u> | Extracted Analyzed | <u>By</u> |
|--------|--------------------|---------------|--------------|--------------------|-----------|
| 03A | PIT I 2.8 - 3.0 | 25,000 | MG/KG | 08/30/91 09/05/91 | . PV |
| 04A | PIT I 9.2 - 9.4 | 39,000 | MG/KG | 08/30/91 09/05/91 | PV |
| 05A | PIT I 13.5 - 13.7 | 55,000 | MG/KG | 08/30/91 09/05/91 | . PV |
| 06A | PIT I 18.8 - 19.0 | 20,000 | MG/KG | 08/30/91 09/05/91 | . PV |
| 07A | PIT I 26.8 - 27.0 | 11,000 | MG/KG | 08/30/91 09/05/91 | PV |
| 08A | PIT I 30.6 - 30.8 | 16 | MG/KG | 08/30/91 09/05/91 | . PV |
| 09A | PIT I 41.6 - 41.8 | 16 | MG/KG | 08/30/91 09/05/91 | . PV |
| 10A | PIT I 43.5 - 43.7 | 56 | MG/KG | 08/30/91 09/05/91 | . PV |



Assaigai Analytical Labs 7300 Jefferson NE

Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911769

Order #: 91-08-240

Date: 09/03/91 13:53

Work ID: STATION #9

Date Received: 08/22/91

7784

Date Completed: 09/03/91 REFERENCE WO#: 91-07-257

SAMPLE IDENTIFICATION

| Sample | Sample | Sample Sample |
|--------|------------------------|----------------------------------|
| Number | Description | <u>Number</u> <u>Description</u> |
| | PIT 2 SAMPLE 001 | 02 PIT 2 SAMPLE 002 |
| 03 | PIT 2 26.0 - 26.2 | 04 PIT 2 29.1 - 29.3 |
| 05 | PIT 2 39.8 - 39.9 | 06 PIT 2 44.1 - 44.3 |
| 07 | PIT 2 57.5 - 57.8 | . 08 PIT 2 69.9 - 70.1 |
| 09 | | 10 |
| 11 | PIT 3 BH-2 25.0 - 25.2 | 12 PIT 3 BH-1 30.7 - 30.9 |



TIDDITION

ANALYTICAL LABOR ATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Order # 91-08-240 09/03/91 13:53

Assaigai Analytical Labs

Page 2

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

> Certified By SYED N. RIZVI



Order # 91-08-240 09/03/91 13:53

Assaigai Analytical Labs

Page 3

REGULAR TEST RESULTS BY TEST

| TOTAL R | | | OCARBO | ns | Minimum: | 5.0 | Maximu | m: 1 | 00 | |
|----------|--------|---------|--------|----------|---------------|-----|--------------|-----------|----------|----|
| Sample : | Sample | e Desci | riptio | <u>n</u> | <u>Result</u> | | <u>Units</u> | Extracted | Analyzed | Ву |
| 01A | PIT 2 | SAMPLI | E 001 | • | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 02A | PIT 2 | SAMPLI | E 002 | | 13,000 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 03A | PIT 2 | 26.0 | - 26. | 2 | 170 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 04A | PIT 2 | 29.1 | - 29. | 3 | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 05A | PIT 2 | 39.8 | - 39. | 9 | 2600 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 06A | PIT 2 | 44.1 | - 44. | 3 | 44 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 07A | PIT 2 | 57.5 | - 57. | 8 | 250 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 08A | PIT 2 | 69.9 | - 70. | 1 | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 09A | | | | | | | | • | | |
| 10A | | | | | | | | | | |
| 11A : | PIT 3 | BH-2 | 25.0 | - 25.2 | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 12A | PIT 3 | BH-1 | 30.7 | - 30.9 | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| | | | | | | | | | | |



Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911768

Order #: 91-08-241

Date: 09/03/91 13:52

Work ID: STATION #9

Date Received: 08/22/91 Date Completed: 09/03/91

REFERENCE WO#: 91-07-276

7799

SAMPLE IDENTIFICATION

| Sample | | Sample | Sample | | Sample |
|--------|-------|-------------|--------|------|---------------|
| Number | | Description | Number | | Description |
| 01 | SG 91 | 28.6 - 28.8 | 02 | SG 8 | 6 13.5 - 13.7 |
| 03 | SG 86 | 18.7 - 18.9 | 04 | SG 8 | 6 24.9 - 25.1 |
| 05 | SG 86 | 35.0 - 35.2 | 06 | SG 8 | 6 40.5 - 40.7 |



Order # 91-08-241 09/03/91 13:52

Assaigai Analytical Labs

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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By

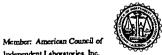
Member: American Council of Independent Laboratories, Inc. Order # 91-08-241 09/03/91 13:52

Assaigai Analytical Labs

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REGULAR TEST RESULTS BY TEST

| Method | | ET HYDROCE | ARBONS | Minimum: | 5.0 | Maximu | m: 10 | 00 | |
|--------|-------|-----------------|--------|----------|-----|--------------|-----------|----------|----|
| Sample | Samp? | le Descri | ption | Result | | <u>Units</u> | Extracted | Analyzed | By |
| 01A | SG 9: | 1 28.6 - | 28.8 | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 02A | SG 86 | 5 13.5 - | 13.7 | 18,000 | | MG/KG | 08/30/91 | 09/03/91 | ΡV |
| 03A | SG 8 | 6 18.7 - | 18.9 | 5200 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 04A | SG 86 | 5 24.9 - | 25.1 | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | ΡV |
| 05A | SG 86 | 35.0 - | 35.2 | 8.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| 06A | SG 86 | 40.5 - | 40.7 | <5.0 | | MG/KG | 08/30/91 | 09/03/91 | PV |
| | | | | | | | | | |



Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911773 Order #: 91-08-246

Date: 09/05/91 12:13

Work ID: STATION #9 0.S. YARD

7848

Date Received: 08/22/91

Date Completed: 09/05/91

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* REFERENCE WO#: 91-07-330

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample | | Sample . | Sample | | Sample |
|--------|-------|-------------|--------|-------|-------------|
| Number | | Description | Number | | Description |
| 01 | OSBH3 | | 02 | SG349 | 0-1.8 |
| 03 | SG349 | 2.9-4.6 | 04 | SG349 | 9.0-10.0 |
| 05 | SG349 | 14.0-14.8 | 06 | SG349 | 20.3-21.3 |
| 07 | SG349 | 25.3-26.3 | 80 | SG349 | 29.7-30.4 |
| 09 | SG360 | 0.0-2.5 | 10 | SG360 | 4.0-5.0 |
| 11 | SG360 | 9.0-9.9 | 12 | SG360 | 14.0-14.7 |
| 13 | SG360 | 19.0-20.0 | 14 | SG360 | 24.0-25.0 |
| 15 | SG360 | 29.0-29.4 | 16 | SG361 | 0-2.5 |
| 17 | SG361 | 4.0-5.0 | 18 | SG361 | 9.0~10.0 |



Order # 91-08-246 09/05/91 12:13

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SAMPLE IDENTIFICATION

| Sample | Sample | Sample | Sample |
|--------|-----------------|---------------|---------------------|
| Number | Description | <u>Number</u> | <u> Description</u> |
| 19 | SG361 16.0-16.4 | 20 | SG361 19.5-19.8 |
| 21 | SG361 24.0-25.0 | 22 | SG361 38.9-39.3 |

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> Certified By SYED N. RIZVI



Order # 91-08-246 09/05/91 12:13

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REGULAR TEST RESULTS BY TEST

Minimum: Maximum: TOTAL REC PET HYDROCARBONS 100 Method: EPA 418.1 Sample Sample Description Result Units Extracted Analyzed By 09/04/91 01A PV OSBH3 <5.0 MG/KG 08/30/91 02A SG349 0-1.8 <5.0 MG/KG 08/30/91 09/05/91 PV 09/05/91 U3 Y ΡV SG349 2.9-4.6 <5.0 MG/KG 08/30/91 04 A SG349 9.0-10.0 <5.0 MG/KG 08/30/91 09/04/91 PV 05A SG349 <5.0 08/30/91 09/04/91 PV 14.0-14.8 MG/KG 06A PV SG349 20.3 - 21.3<5.0 MG/KG 08/30/91 09/04/91 ΡV 07A SG349 25.3-26.3 <5.0 MG/KG 08/30/91 09/04/91 08A SG349 29.7-30.4 8.0 MG/KG 08/30/91 09/04/91 ΡV ΡV 09A SG360 0.0 - 2.5<5.0 MG/KG 08/30/91 09/04/91 ΡV 10A SG360 4.0-5.0 <5.0 MG/KG 08/30/91 09/04/91 11A SG360 9.0-9.9 <5.0 MG/KG 08/30/91 09/04/91 PV 12A SG360 MG/KG 08/30/91 09/04/91 PV 14.0-14.7 8.0 13A SG360 19.0-20.0 <5.0 MG/KG 08/30/91 09/04/91 PV <5.0 09/04/91 PV 14A SG360 MG/KG 08/30/91 24.0-25.0 15A SG360 29.0-29.4 20 MG/KG 08/30/91 09/04/91 PV <5.0 PV 16A SG361 0 - 2.5MG/KG 08/30/91 09/04/91 PV 17A SG361 4.0 - 5.0<5.0 MG/KG 08/30/91 09/04/91 18A SG361 <5.0 MG/KG 08/30/91 09/04/91 PV 9.0-10.0 <5.0 MG/KG 08/30/91 PV 19A SG361 16.0-16.4 09/04/91 20A SG361 19.5-19.8 <5.0 MG/KG 08/30/91 09/04/91 PV 21A SG361 24.0-25.0 <5.0 MG/KG 08/30/91 09/04/91 PV SG361 38.9-39.3 <5.0 MG/KG 08/30/91 09/04/91 PV 22A



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ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL 911790

Invoice Number:

Order #: 91-08-245

Date: 09/06/91 08:52

Work ID: STATION #9

Date Received: 08/22/91

7821

Date Completed: 09/06/91

REFERENCE WO#: 91-07-299

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample | | Sample | · Samp | ole | Sample | |
|--------|-------|-------------|-------------|-------|-------------|--|
| Number | | Description | <u>Numb</u> | oer | Description | |
| 01 | OSBH1 | 18.9 - 19.1 | 02 | OSBH1 | 34.3 - 34.5 | |
| 03 | OSBH2 | 9.9 - 10.1 | 04 | OSBH2 | 22.5 - 22.6 | |
| 05 | OSBH2 | 31.1 - 31.3 | 06 | OSBH2 | 41.8 - 42.0 | |
| 07 | OSBH2 | 55.2 - 55.4 | 80 | OSBH2 | 69.0 - 69.2 | |



Order # 91-08-245 09/06/91 08:52 Assaigai Analytical Labs

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Order # 91-08-245 09/06/91 08:52

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REGULAR TEST RESULTS BY TEST

| | REC PET
l: EPA 4 | HYDROCARBONS 18.1 | Minimum: | 5.0 | Maximu | m: 10 | 00 | |
|--------|---------------------|-------------------|----------|-----|--------------|-----------|----------|-----------|
| Sample | Sample | Description | Result | | <u>Units</u> | Extracted | Analyzed | <u>By</u> |
| 01A | OSBH1 | 18.9 - 19.1 | 12 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| 02A | OSBH1 | 34.3 - 34.5 | <5.0 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| 03A | OSBH2 | 9.9 - 10.1 | <5.0 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| 04A | OSBH2 | 22.5 - 22.6 | <5.0 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| 05A | OSBH2 | 31.1 - 31.3 | 68 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| 06A | OSBH2 | 41.8 - 42.0 | 24 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| 07A | OSBH2 | 55.2 - 55.4 | 16 | | MG/KG | 08/30/91 | 09/05/91 | PV |
| 08A | OSBH2 | 69.0 - 69.2 | 16 | | MG/KG | 08/30/91 | 09/05/91 | PV |



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Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717 Attn: LARRY CAMPBELL

Invoice Number: 911791

Order #: 91-08-247

Date: 09/06/91 09:01

Work ID: STATION 9 O.S. YARD

Date Received: 08/22/91 Date Completed: 09/05/91 7885

SAMPLE IDENTIFICATION

| Sample
Number | | Sample
Description | Sample
Number | | Sample
Description | |
|------------------|-------|-----------------------|------------------|-------|-----------------------|--|
| 01 | OSBH3 | 44.1-44.3 | 02 | OSBH3 | 54.8-55.0 | |
| 03 | OSBH4 | 27.5-27.7 | 04 | OSBH5 | 14.0-14.2 | |
| 05 | OSBH5 | 19.6-19.9 | 06 | OSBH5 | 23.4-23.6 | |
| 07 | OSBH6 | 13.6-13.8 | 80 | OSBH6 | 47.0-47.2 | |
| 09 | OSBH6 | 52.6-52.8 | 10 | OSBH6 | 70.0-71.0 | |
| 1 1 | OSBH7 | 22.1-22.3 | | | | |



Order # 91-08-247 09/06/91 09:01

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REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS Minimum: 5.0 Maximum: 100 Method: EPA 418.1

| Sample | Sample | Description | <u>Result</u> | <u>Units</u> | Extracted | Analyzed | <u>By</u> |
|--------|--------|-------------|---------------|--------------|-----------|----------|-----------|
| 01A | OSBH3 | 44.1-44.3 | 16 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 02A | OSBH3 | 54.8-55.0 | 16 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 03A | OSBH4 | 27.5-27.7 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 04A | OSBH5 | 14.0-14.2 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 05A | OSBH5 | 19.6-19.9 | 16 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 06A | OSBH5 | 23.4-23.6 | 12 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 07A | OSBH6 | 13.6-13.8 | 12 | MG/KG | 08/29/91 | 09/03/91 | PV |
| A80 | OSBH6 | 47.0-47.2 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 09A | OSBH6 | 52.6-52.8 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 10A | OSBH6 | 70.0-71.0 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 11A | OSBH7 | 22.1-22.3 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |



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ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911792 Order #: 91-08-248

Date: 09/06/91 09:02

Work ID: STATION 9 O.S. YARD

7908

Date Received: 08/22/91

Date Completed: 09/05/91

REFERENCE WO#: 91-08-048 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample | | Sample | Sample | | Sample | |
|--------|-------|-------------|--------|-------|-------------|--|
| Number | | Description | Number | | Description | |
| 01 | OSBH7 | 33.5-33.7 | 02 | OSBH7 | 37.0-37.2 | |
| 03 | OSHB8 | 4.6-4.9 | 04 | OSBH8 | 33.9-34.1 | |
| 05 | OSBH8 | 49.7-49.9 | 06 | OSBH9 | 4.5-4.9 | |
| 07 | OSBH9 | 32.0-32.5 | 08 | OSBH9 | 47.5-49.7 | |



Assaigai Analytical Labs

09\06\91 09:02 Order # 91-08-248

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Certified By SYED N. RIZVI



GW - 52

REPORTS

YEAR(S):

1991



SHALLOW SUBSURFACE INVESTIGATION AT ROSWELL COMPRESSOR STATION CHAVES COUNTY, NEW MEXICO

PREPARED FOR
TRANSWESTERN PIPELINE COMPANY
ROSWELL, NEW MEXICO

PREPARED BY
METRIC CORPORATION
ALBUQUERQUE, NEW MEXICO

RECEIVED

FEB 0 7 1992

OIL CONSERVATION DIV. SANTA FE

DECEMBER 1991

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SHALLOW SUBSURFACE INVESTIGATION AT ROSWELL COMPRESSOR STATION CHAVES COUNTY, NEW MEXICO

Summary

During July and November 1991, METRIC Corporation assisted Transwestern Pipeline Company in conducting comprehensive soil borings at its Roswell Compressor Station in order to assess the presence of organic constituents in three abandoned waste disposal pits located in the northeast portion of the site. Eight boreholes were developed on site and twelve boreholes were developed in the adjacent area off site. Based on laboratory analysis of samples, purgeable halocarbons (Method 8010) were determined to be present within 30 feet of the ground surface at Pit 1, Pit 2, and SG 86 borehole locations. Low level concentrations were detected in OS BH-7 and OS BH-8 at approximately 37 feet and 34 feet, respectively. Detection of aromatic volatile organics (Method 8020) also occurred at low concentrations in boreholes OS BH-7 and OS BH-8 at approximate depths of 37 feet and 48 feet, respectively. Organic constituents hit as a result of Method 8010 and 8020 analyses were not continuous or contiguous throughout the area investigated. For total recoverable petroleum hydrocarbons, analytical results indicate concentrations of >100 ppm at boreholes Pit 1, Pit 2, SG 86 and OS BH-9 to depths of 27 feet, 58 feet, 19 feet and 33 feet, respectively.

SHALLOW SUBSURFACE INVESTIGATION AT ROSWELL COMPRESSOR STATION CHAVES COUNTY, NEW MEXICO

Introduction

In July 1991, METRIC Corporation assisted Transwestern Pipeline Company in conducting comprehensive soil borings at its Roswell Compressor Station in order to assess the presence of organic constituents in three abandoned waste disposal pits. In November 1991, METRIC Corporation revisited the Roswell Compressor Station to complete its assessment of the abandoned waste disposal pits. Additionally, this study was performed to determine the horizontal and vertical extent of the organic constituents identified. Results of the subsurface investigation are presented in this report.

The compressor station is located 5 miles north of Roswell, New Mexico. The investigation was conducted at the northeast corner of the station in the vicinity of the three abandoned waste disposal pits.

In July, eighteen borehole locations and two boreholes in November 1991 were planned in coordination with Transwestern Pipeline personnel, focusing on the vicinity of the disposal pit sites. Eight boreholes were developed on site and twelve boreholes were developed off site to the north and east (FIGURE 1).

Borehole Sampling and Analytical Field Screening

Borehole drilling was provided by METRIC Corporation using a CME-55 auger drilling rig equipped with 3 1/4-inch hollow stem augers and a CME continuous sampling system. Augers and continuous

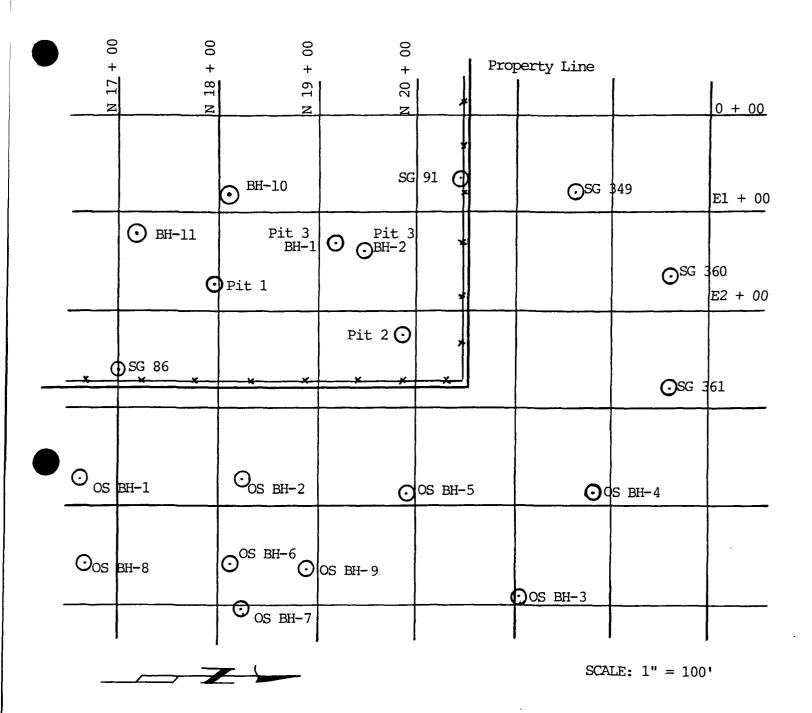


FIGURE 1

BOREHOLE LOCATIONS
FOR SUBSURFACE INVESTIGATION
ROSWELL COMPRESSOR STATION

samplers were steam cleaned to eliminate contamination within a sampling borehole and potential cross contamination among the boreholes.

Drilling was generally conducted to the depth of an underlying impermeable or red clay layer. Soil cores withdrawn using the continuous sampler were scanned with a portable organic vapor analyzer (OVA) in order to guide sample selection. Lab samples were taken at the point of highest OVA reading within a particular soil core interval or where visual inspection indicated the possibility of organic constituant occurance. Samples were collected in 8 oz. glass jars, placed on ice, accompanied with a properly completed chain of custody form, and shipped by Federal Express overnight delivery to Assaigai Laboratories in Albuquerque, New Mexico. Methods 8010 and 418.1 were performed for all samples collected in July 1991 to determine light and heavy hydrocarbon constituents. Method 8020 was performed at selected locations to determine the type of constituents. Analyses performed are indicated on TABLE 1 for boreholes sampled. For November 1991 samples, Method 602/8020 and Method 418.1 were performed. Borehole sample logs are provided in APPENDIX A.

Analytical Results

The analyses performed for the July and November 1991 sampling, as outlined in TABLE 1, are presented in TABLES 2, 3, and 4 for purgeable halocarbons (Method 8010), aromatic volatile organics (Method 8020), and total recoverable petroleum hydrocarbons (Method 418.1), respectively. Laboratory reports are provided in APPENDICES B and C.

Purgeable halocarbons were determined to be present within 30 feet of the surface at Pit 1, Pit 2, and SG 86 borehole locations

TABLE 1

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

| SAMPLE
NUMBER | PURGEABLE
HALOCARBONS | AROMATIC
VOLATILE
ORGANICS | TOTAL
RECOVERABLE
PETROLEUM
HYDROCARBONS |
|-------------------------|--------------------------|----------------------------------|---------------------------------------------------|
| | 8010 | 8020 | 418.1 |
| Pit 1, 2.8'-3.0' | X | | X |
| Pit 1, 9.2'-9.4' | X | | X |
| Pit 1, 13.5'-13.7' | X | | X |
| Pit 1, 18.8'-19.0' | X | | X |
| Pit 1, 26.8'-27.0' | X | | X |
| Pit 1, 30.6'-30.8' | X | | X |
| Pit 1, 41.6'-41.8' | X | X | X |
| Pit 1, 43.5'-43.7' | X | x | x |
| Pit 2, sample 001 | x | | x |
| Pit 2, sample 002 | X | | X |
| Pit 2, 26.0'-26.2' | X | | X |
| Pit 2, 29.1'-29.3' | X | | X |
| Pit 2, 39.8'-39.9' | X | | X |
| Pit 2, 44.1'-44.3 | X | X | X |
| Pit 2, 57.5'-57.8' | X | | X |
| Pit 2, 69.9'-70.1' | x | X | X |
| Pit 3, BH-1, 30.7'-30.9 | ı X | x | x |
| Pit 3, BH-2, 25.0'-25.2 | | X | X |
| SG 86, 13.5'-13.7' | X | | x |
| SG 86, 18.7'-18.9' | X | | X |
| SG 86, 24.9'-25.1' | X | | X |
| SG 86, 25.0'-35.2' | X | | X |
| SG 86, 35.0'-35.2' | X | | X |
| | X | X | X |
| SG 86, 40.5'-40.7' | X | X | X |

TABLE 1 (Continued)

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

| SAMPLE
NUMBER | PURGEABLE
HALOCARBONS | AROMATIC
VOLATILE
ORGANICS | TOTAL
RECOVERABLE
PETROLEUM
HYDROCARBONS |
|----------------------|--------------------------|----------------------------------|---------------------------------------------------|
| | 8010 | 8020 | 418.1 |
| SG 91, 28.6'-28.8' | x | x | x |
| SG 349, 0.0'-1.8' | X | | X |
| SG 349, 2.9'-4.6' | X | | X |
| SG 349, 9.0'-10.0' | X | | X |
| SG 349, 14.0'-14.8' | X | | X |
| SG 349, 20.3'-21.3' | X | | X |
| SG 349, 25.3'-26.3' | X
X | x | X
X |
| SG 349, 29.7'-30.4' | Α | A | A |
| SG 360, 0.0'-2.5' | x | | x |
| SG 360, 4.0'-5.0' | X | | X |
| SG 360, 9.0'-9.9' | X | | X |
| SG 360, 14.0'-14.7' | X | | X |
| SG 360, 19.0'-20.0' | X | | X |
| SG 360, 24.0'-25.0' | X | | X |
| SG 360, 29.0'-29.4' | X | | x |
| SG 361, 0.0'-2.5' | X | | x |
| SG 361, 4.0'-5.0' | X | | X |
| SG 361, 9.0'-10.0' | X | | X |
| SG 361, 16.0'-16.4' | X | | X |
| SG 361, 19.5'-19.8' | X | | X |
| SG 361, 24.0'-25.0' | X | | X |
| SG 361, 38.9'-39.3' | X | | X |
| OS BH-1, 18.9'-19.1' | x | | X |
| OS BH-1, 34.2'-34.5' | X | | X |
| 2 2, 02 03 | | | |
| OS BH-2, 9.9'-10.1' | x | | x |
| OS BH-2, 22.5'-22.6' | X | | X |
| OS BH-2, 31.1'-31.3' | X | | X |

TABLE 1 (Continued)

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

| SAMPLE
NUMBER | PURGEABLE
HALOCARBONS | AROMATIC
VOLATILE
ORGANICS | TOTAL
RECOVERABLE
PETROLEUM
HYDROCARBONS |
|--------------------------------------------|--------------------------|----------------------------------|---------------------------------------------------|
| | 8010 | 8020 | 418.1 |
| OS BH-2, 41.8'-42.0' | X | | X |
| OS BH-2, 55.2'-55.4' | X | | X |
| OS BH-2, 69.0'-69.2' | X | | X |
| 05 211 27 05.0 05.2 | 4 | | A |
| OS BH-3, 21.0'-21.2' | x | x | x |
| OS BH-3, 44.1'-44.3' | X | | X |
| OS BH-3, 54.7'-55.0' | X | X | X |
| OS BH-4, 27.5'-27.7' | X | x | x |
| OS BH-5, 14.0'-14.2' | x | | v |
| OS BH-5, 19.6'-19.9' | X | | X
X |
| OS BH-5, 23.4'-23.6' | X | Х | X |
| ob bit 37 23.4 23.0 | Λ | A | A |
| OS BH-6, 13.6'-13.8' | x | | x |
| OS BH-6, 47.0'-47.2' | X | | X |
| OS BH-6, 52.6'-52.8' | X | | X |
| OS BH-6, 70.0'-71.0' | X | X | X |
| OS BH-7, 22.1'-22.3' | x | x | x |
| OS BH-7, 33.5'-33.7' | X | 44 | X |
| OS BH-7, 37.0'-37.2' | X | x | x |
| OC BU-0 4 61 4 01 | v | | •• |
| OS BH-8, 4.6'-4.9'
OS BH-8, 33.9'-34.1' | X
X | | X |
| OS BH-8, 49.7'-49.9' | X
X | x | X
X |
| OD DII-0, 43.7 -43.3 | Λ | Λ | A |

TABLE 1 (Continued)

LABORATORY ANALYSES PERFORMED ON SUBSURFACE SOIL SAMPLES

| SAMPLE
NUMBER | PURGEABLE
HALOCARBONS | AROMATIC
VOLATILE
ORGANICS | TOTAL
RECOVERABLE
PETROLEUM
HYDROCARBONS |
|----------------------|--------------------------|----------------------------------|---------------------------------------------------|
| | 8010 | 8020 | 418.1 |
| OS BH-9, 4.5'-4.9' | X | x | X |
| OS BH-9, 32.0'-32.5' | X | | X |
| OS BH-9, 49.5'-49.7' | X | | X |
| BH-10, 37.3'-37.6' | | X¹ | x |
| BH-11, 36.3'-36.7' | | X¹ | x |

<sup>&#</sup>x27; Analysis conducted was Method 602/8020 for BTEX.

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR PURGEABLE HALOCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | | | SAMPLE N | JMBER | | | | | |
|--------------------------------------------------------------------------------|----------------------------|--------------------------|----------------------------|----------------------------|---------------------------|--------------------------|----------------------------|---------------------------|--------------------------|----------------------------|--------------------------|
| | Pit 1
1.8'-3.0' | Pit 1
9.2'-9.4' | Pit 1
13.5'-13.7' | Pit 1
18.8'-19.0' | Pit 1
26.8'-27.0' | Pit 1
30.6'-30.8' | Pit 1
41.6'-41.8' | Pit 1
43.5'-43.7' | Pit 2
001
(18.7° | Pit 2
002
-18.9') | Pit 2
26.0'-26.2' |
| Purgeable Halocarbon
Compounds (mg/kg)
Method 8010 | | | | | | | | | | | |
| 1,1,1-Trichloroethand
Tetrachloroethene
Chloroform
1,1-Dichloroethane | s 3.2
BDL
BDL
BDL | 19
0.26
BDL
BDL | 18
0.33
0.20
0.59 | 0.33
0.87
BDL
BDL | BDL
0.16
BDL
BDL | BDL
BDL
BDL
BDL | BDL
BDL
BDL
BDL | BDL
BDL
BDL
BDL | BDL
BDL
BDL
BDL | 0.37
0.65
BDL
BDL | BDL
BDL
BDL
BDL |
| PARAMETER | | | | | SAMPLE N | UMBER | | | - | | |
| | Pit 2
29.1'-29.3 | Pit
' 39.8'- | | | | Pit 2
.0'-70.1' | Pit 3, BH-1
30.7'-30.9' | Pit 3, BH-2
25.0'-25.2 | | SG 86
3.5'-13.7' | SG 86
18.7'-18.9' |
| Purgeable Halocarbon
Compounds (mg/kg)
Method 8010 | | | | | | | | | | | |
| 1,1,1-Trichloroethand
Tetrachloroethene | BDL
BDL | BD
BD | | DL
DL | BDL
BDL | BDL
BDL | BDL
BDL | BDL
BDL | | 0.24
1.9 | BDL
0.23 |

TABLE 2 (Continued)

SUMMARY OF ANALYTICAL RESULTS FOR PURGEABLE HALOCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | | SA | MPLE NUMBER | <u> </u> | | | | |
|----------------------------------------------------------|-----------------------|----------------------|-----------------------|-----------------------|---------------------|-----------------------|------------------------------|-------------------------|-------------------------|------------------------|
| | SG 86
24.9'-25.1' | SG 86
35.0'-35,2' | SG 86
40.5'-40.7' | SG 91
28.6'-28.8' | SG 349
0.0'-1.8' | SG 349
2.9'-4.6' | SG 349
9.0'-10.0' | SG 349
14.0'-14.8' | SG 349
20.3'-21.3' | SG 349
5.3'-26.3' |
| Purgeable Halocarbon
Compounds (mg/kg)
Method 8010 | BDL | BDL. | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| PARAMETER | | | | SA | MPLE NUMBET | | | | | |
| | SG 349
29.7'-30.4' | SG 360
0.0'-2.5' | SG 360
4.0'-5.0 | SG 3
9.0'- | | SG 360
14.0'-14.7' | SG 360
19.0'-20.0' | SG 360
24.0'-25.0' | SG 360
29.0'-29.4' | SG 361
0.0'-2.5' |
| Purgeable Halocarbon
Compounds (mg/kg)
Method 8010 | BDL | BDL | BDL | вс |)L | BDL | BDL | BDL | BDL | BDL |
| PARAMETER | | | | SA | MPLE NUMBE | 1 | | | | |
| | SG 361
4.0'-5.0' | SG 361
9.0'-10.0' | SG 361
16.0'-16.4' | SG 361
19.5'-19.8' | SG 361
24.0'-25 | SG 36. | 1 OS BH-1
9.3' 18.9'-19.1 | OS BH-1
' 34.3'-34.5 | OS BH-2
' 9.9'-10.1' | OS BH-2
22.5'-22.6' |
| Purgeable Halocarbon
Compounds (mg/kg)
Method 8010 | | | | | | | | | | |
| | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |

TABLE 2 (Continued)

SUMMARY OF ANALYTICAL RESULTS FOR PURGEABLE HALOCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | | SAMPLE | NUMBER | | | | |
|----------------------------------------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| | OS BH-2
31.1'-31.3' | OS BH-2
41.8'-42.0' | OS BH-2
55.2'-55.4' | OS BH | | OS BH-3
1.0'-21.2' | OS BH-3
44.1'-44.3' | OS BH-3
54.7'-55.0' | OS BH-4
27.5'-27.7' |
| Purgeable Halocarbon
Compounds (mg/kg)
Method 8010 | BDL | BDL | BDL | BDL | | BDL | BDL. | BDL. | BDL |
| PARAMETER | | | | SAMPLE | : NUMBER | | | | |
| | OS BH-5
14.0'-14.2' | OS BH-5
19.6'-19.9' | OS BH-5
23.4'-23.6' | OS BH-6
13.6'-13.8' | OS BH-6
47.0'-47.2 | OS BH-6
52.6'-52.8' | OS BH-6
70.0'-71.0' | OS BH-7
22.1'-22.3' | OS BH-7
33.5'-33.7' |
| Purgeable Halocarbon Compounds (mg/kg) Method 8010 | BDL. | BDL | BDL | BDL | BDL | BDL | BDL. | BDL. | BDL |
| PARAMETER | | | | SAMPLE | NUMBER | | | | |
| | OS BH-7
37.0'-37.2' | OS BH-8
4.6'-4.9' | OS BH-8
33.9'-34.1 | | | OS BH-9
4.5'-4.9' | OS BH-9
32.0'-32.5' | OS BH-9
49.5'-49.7' | |
| Purgeable Halocarbon
Compounds (mg/kg)
Method 8010 | | | | | | | | | |
| Tetrachloroethene
Clorobenzene | 0.17
BDL | BDL
BDL | 0.16
0.12 | BC
BC | _ | BDL
BDL | BDL
BDL | BDL
BDL | |

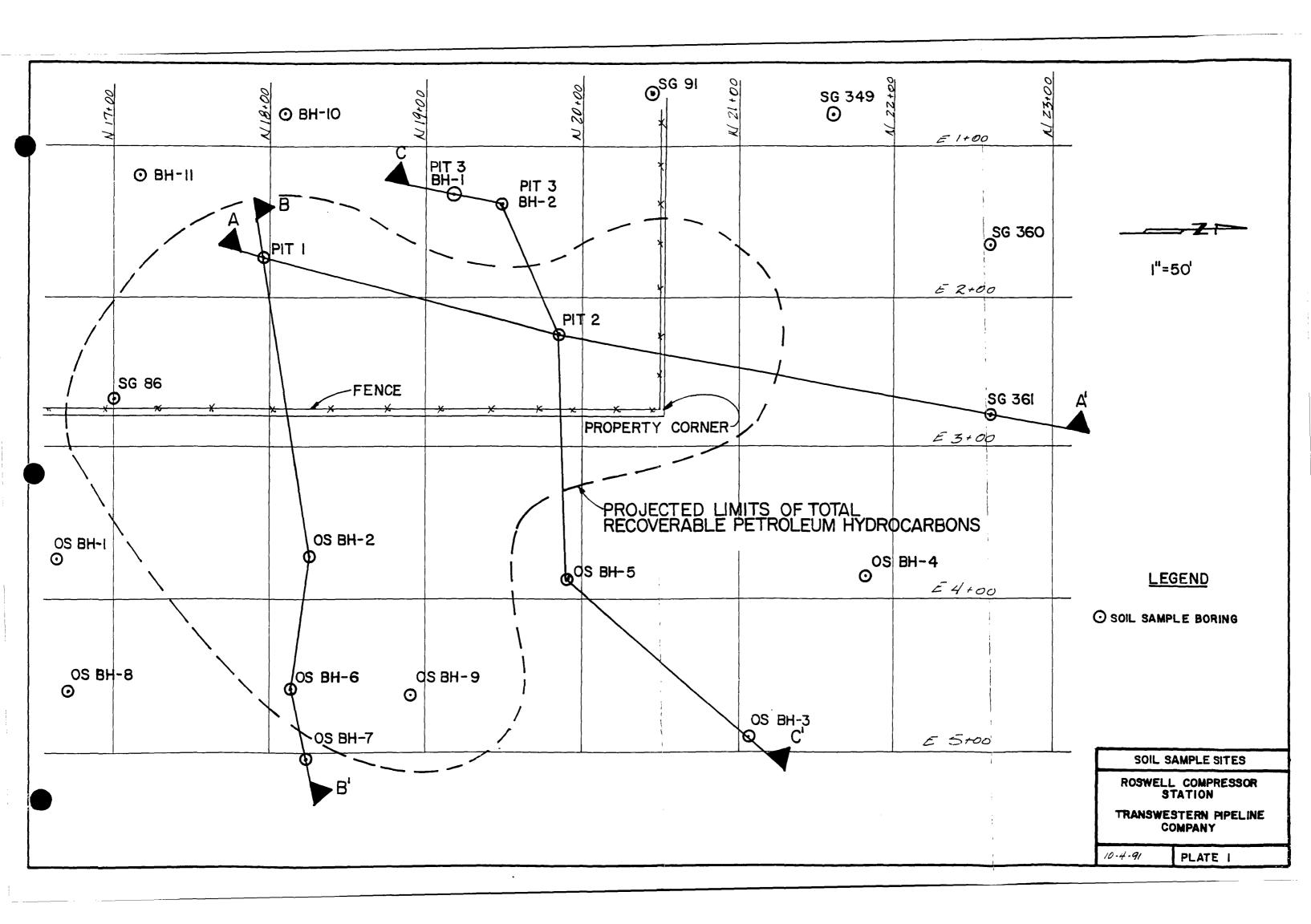


TABLE 3

SUMMARY OF ANALYTICAL RESULTS FOR AROMATIC VOLATILE ORGANIC COMPOUND OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | | | SAMPLE NUMBER | | | | |
|---------------------------------------------------------------|------------------------|----------------------|----------------------|----------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|
| | Pit 1
41.6'-41.8' | Pit 1
43.5'-43.7' | Pit 2
44.1'-44.3' | Pit 2
69.9'-70.1' | Pit 3, BH-1
30.7'-30.9' | Pit 3, BH-2
25.0'-25.2' | SG 86
40.5'-40.7' | SG 91
28.6'-28.8' | SG 349
29.7'-30.4' |
| Aromatic Volatile
Organic Compounds
(mg/kg) Method 8020 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| PARAMETER | | | | | SAMPLE NUMBER | | | | |
| | OS BH-3
21.0'-21.2' | | | | 5 OS BH-6 | OS BH-7
22.1'-22.3' | OS BH-7
37.0'-37.2' | OS BH-8
47.7'-49.9' | OS BH-9
49.5'-49.7' |
| Aromatic Volatile Organic Compounds (mg/kg) Method 8020 | | | | | | | | | |
| Ethylbenzene
Xylenes | BDL
BDL | BDL
BDL | BDL
BDL | BDL
BDL | BDL
BDL | BDL
BDL | 0.19
0.44 | 0.14
0.3 | 8DL
BDL |

TABLE 3 (CONTINUED)

SUMMARY OF ANALYTICAL RESULTS FOR AROMATIC VOLATILE ORGANIC COMPOUND OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | SAMPLE NUMBER | |
|---------------------------------------------------------------|----------------------|----------------------|---------------|--|
| | BH-10
37.3'-37.6' | BH-11
36.3:-36.7: | | |
| romatic Volatile
Organic Compounds
(mg/kg) Method 80201 | | | | |
| mg/kg) Method 8020' | | | | |
| | BDL | BDL | | |

BDL = below detection limit of 0.1 mg/kg.

1 Analysis conducted was Method 602/8020 for BTEX only.



SUMMARY OF ANALYTICAL RESULTS FOR TOTAL RECOVERABLE PETROLEUM HYDROCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | | | SAMPLE NUMBER | <u> </u> | | | | _ |
|-------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|----------------------------|----------------------|-------------------------|
| | Pit 1
2.8'-3.0' | Pit 1
9.2'-9.4' | Pit 1
13.5'-13.7' | Pit 1
18.8'-19.0' | Pit 1
26.8'-27.0' | Pit 1
30.6'-30.8 | Pit 1
3' 41.6'-41.8' | | | Pit 2
002
-18.9') |
| Total Recoverable Petroleum Hydrocarbo (mg/kg) Method 418.1 | | | | | | | | | | |
| | 25,000 | 39,000 | 55,000 | 20,000 | 11,000 | 16 | 16 | 56 | BDL | 13,000 |
| PARAMETER | | | | | SAMPLE NUMBER | 1 | | | | |
| | | | | | | Pit 2
5'-57.8' | Pit 2
69.9'-70.1' | Pit 3, BH-1
30.7'-30.9' | Pit 3, B
25.0'-25 | H-2
.2' |
| Total Recoverable Petroleum Hydrocarbo (mg/kg) Method 418.1 | | | | | | | | ,,,,,, | | · |
| | 1 | 170 E | DL 260 | 00 4 | .4 2 | 250 | BDL | BDL | BDL | |
| PARAMETER | | | | | SAMPLE NUMBER | . | | | | |
| | SG 86
13.5'-13.7' | SG 86
18.7'-18.9' | SG 86
24.9'-25.1' | SG 86
35.0'-35.2' | SG 86
40.5'-40.7' | SG 91
28.61-28.81 | SG 349
0.0'-1.8' | SG 349
2.9'-4.6' | SG 349
9.0'-10.0' | SG 349
14.0'-14.8' |
| Total Recoverable Petroleum Hydrocarbo (mg/kg) Method 418.1 | ons
I | | | | | | | | | |
| | 18,000 | 5200 | BDL | 8.0 | BDL | BDL | BDL | BDL | BDL | BDL |

TABLE 4 Intinued)

SUMMARY OF ANALYTICAL RESULTS FOR TOTAL RECOVERABLE PETROLEUM HYDROCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | | SAMPL | E NUMBER | | · | | |
|---------------------------------------------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | SG 349
20.3'-21.3' | SG 349
25.3'-26.3' | SG 349
29.7'-30.4' | | SG 360
4.0'-5.0' | sg 360
9.0'-9.9' | SG 360
14.0'-14.7' | SG 360
19.0'-20.0' | SG 360
24.0'-25.0' |
| Total Recoverable Petroleum Hydrocarbons (mg/kg) Method 418.1 | 1 | | | | | | | | |
| | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL |
| PARAMETER | | | | SAMPI | LE NUMBER | | | | |
| | sg 360
29.0'-29.4' | SG 361
0.0'-2.5' | SG 361
4.01-5.01 | sg 361
9.0'-10.0' | SG 361
16.01-16.41 | sg 361
19.51-19.81 | SG 361
24.01-25.01 | sg 361
38.9'-39.3' | OS BH-1
18.9'-19.1 |
| Total Recoverable Petroleum Hydrocarbons (mg/kg) Method 418.1 | <u> </u> | | | | | | | | |
| | 2.0 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 12 |
| PARAMETER | | | | SAMPI | LE NUMBER | | | | |
| | OS BH-1
34.3'-34.5' | OS BH-2
9.9'-10.1' | OS BH-2
22.5'-22.6' | OS BH-2
31.1'-31.3' | OS BH-2
41.8'-42.0' | | OS BH
69.01-6 | | BH-3
!21.2* |
| Total Recoverable Petroleum Hydrocarbons (mg/kg) Method 418.1 | 1 | | | | | | | | |
| | BDL | BDL | BDL | 68 | 24 | 16 | 16 | | BDL |

SUMMARY OF ANALYTICAL RESULTS FOR TOTAL RECOVERABLE PETROLEUM HYDROCARBON OCCURRENCE AT ROSWELL COMPRESSOR STATION

| PARAMETER | | | | SAMPLE | NUMBER | | | |
|-------------------------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | OS BH-3
44.1'-44.3' | OS BH-3
54.8'-55.0' | OS BH-4
27.5'-27.2' | OS BH-5
14.0'-14.2' | OS BH-5
19.6'-19.9' | OS BH-5
23.4'-23.6' | OS BH-6
13.6'-13.8' | OS BH-6
47.0'-47.2' |
| Total Recoverable
Petroleum Hydroca
(mg/kg) Method 41 | rbons | | | | | | | |
| | 16 | 16 | BDL | BDL | 16 | 12 | 12 | BDL |
| PARAMETER | | | | SAMPLE | NUMBER | | | |
| | OS BH-6
52.6'-52.8' | OS BH-6
70.0'-71.0' | OS BH-7
22.1'-22.3' | os e
33.5'- | | OS BH-7
37.0'-37.2' | OS BH-8
4.6'-4.9' | OS BH-8
33.9'-34.1' |
| Total Recoverable
Petroleum Hydroca
(mg/kg) Method 41 | <u>rbons</u> | | | | | | | |
| | BDL | BDL. | BDL | ВС | L | 12 | 12 | BDL |
| PARAMETER | | | | SAMPLE | NUMBER | | | |
| | OS BH-8
49.7'-49.9' | OS BH-9
4.5'-4.9' | OS BH-9
32.0'-32.5' | 0S E
47.5'- | | BH-10
37.3'-37.6' | BH-11
36.3'-36.7' | |
| Total Recoverable
Petroleum Hydroca
(mg/kg) Method 41 | rbons | | | | | | | |
| | 12 | 8 | 150 | 8 | } | BDL | 8 | |

(TABLE 2 and PLATE 1). Hits for 1,1,1-Trichloroethane are shown at Pit 1 for depth intervals of 1.8'-3.0', 9.2'-9.4', 13.5'-13.7', and 18.8'-19.0', and 26.8'-27.0' depth intervals for Pit 1. Chloroform and 1,1-Dichloroethane were also hit at Pit 1 depth interval of 13.5'-13.7'.

At Pit 2, 1,1,1-Trichloroethane and Tetrachloroethene were hit at the 18.7'-18.9' interval. These two constituents were also hit at the 13.5'-13.7' interval of SG 86. Only Tetrachloroethene was hit at SG 86 depth interval of 18.7'-18.9'.

Low level concentrations of Tetrachloroethene were hit at boreholes OS BH-7 and OS BH-8 at depth intervals of 37.0'-37.2' and 33.9'-34.1', respectively. Chlorobenzene was also hit at the 33.9'-34.1' interval of OS BH-8.

Analysis results for aromatic volatile organic constituents indicate hits for Ethylbenzene and Xylenes in boreholes OS BH-7 and OS BH-8 at depth intervals of 37.0'-37.2' and 47.7'-39.9'.

Organic constituents hit as a result of Method 8010 and 8020 analyses were not continuous or contiguous throughout the area investigated.

For total recoverable petroleum hydrocarbons (TRPH), analytical results indicate concentrations >100 ppm at boreholes Pit 1, Pit 2, SG 86 and OS BH-9 (TABLE 4 and PLATE 1). At Pit 1, TRPH were detected for all sample intervals to a depth of 43.7'. Pit 2 hit TRPH in nearly all depth intervals to 57.8'. At SG 86, TRPH were hit at 13.5'-13.7', 18.7'-18.9', and 35.0'-35.2'. Finally, at OS BH-9, levels of TRPH >100 ppm were hit only at the 32.0'-32.5' depth interval.

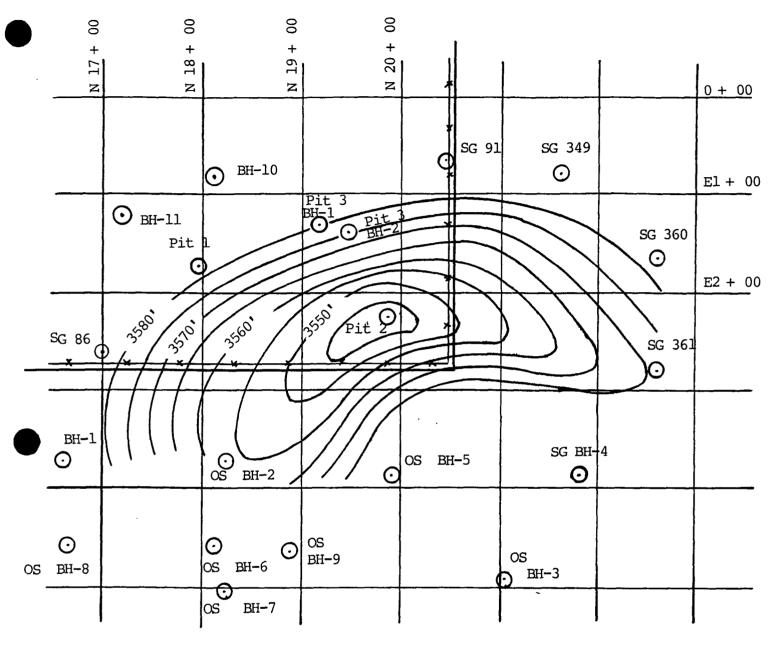
Investigation Results

Based on the July and November 1991 borehole data, flame ionization detector (OVA) and photoionization detector (PID) data, and analytical results of borehole sampling, the configuration of maximum horizontal extent of the plume of total recoverable petroleum hydrocarbon (TRPH) is represented in PLATE 1. Inclusion of OS BH-2 and OS BH-6 within the plume is based on OVA readings of > 1000 ppm.

PLATE 2, 3, and 4 present cross sections A-A', B-B', and C-C', respectively, representing estimated subsurface conditions away from the contaminant sources, in generally the eastward and northward directions. Borehole plots provide boring elevations, OVA readings in ppm for volatile constituents detected during continuous sample recovery, and analytical results for total recoverable petroleum hydrocarbons. The data plots depict the vertical concentration.

Based on borehole sample log description (APPENDIX A), the top surface of the impermeable red clay is represented in FIGURE 2 and plotted in the cross sections. The surface appears as a depression open to the southeast. All TRPH is confined to above the clay surface.

Occurrence of perched groundwater was observed during the borehole drilling and sampling operation. According to Transwestern personnel, the local water table is at about 120 feet; thus below the red clay bed. FIGURE 3 indicates the elevations of water levels for boreholes in which groundwater was encountered during drilling. The elevations depicted in FIGURE 3 are based on water levels sounded from ground level in Pit 2, SG 361, OS BH-2, OS BH-6, OS BH-8 and OS BH-9. This perched water surface is also represented in the cross sections of Plates



Z

SCALE: 1" = 100'

FIGURE 2
CONTOURS OF TOP SURFACE OF RED CLAY
ROSWELL COMPRESOR STATION

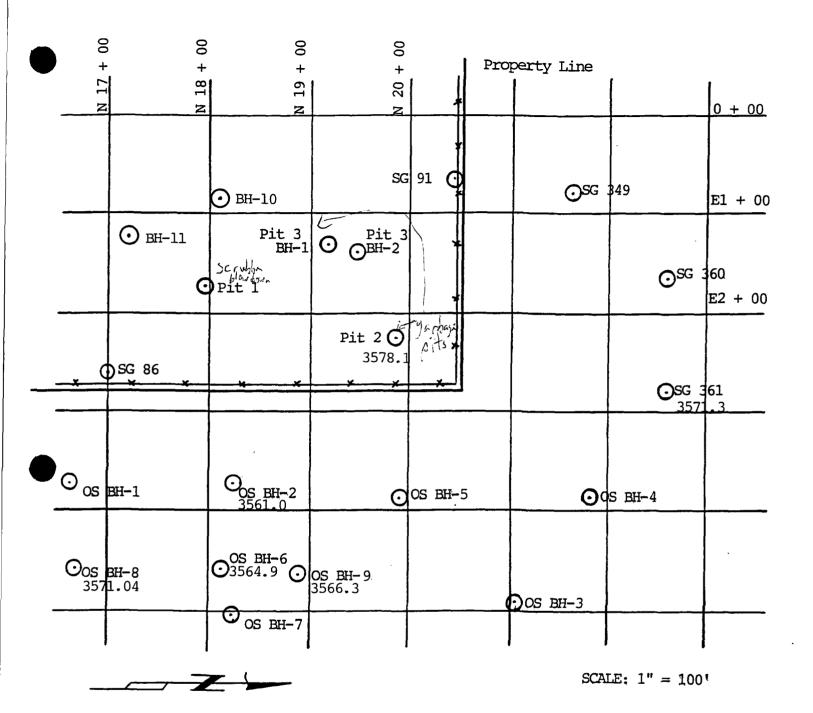
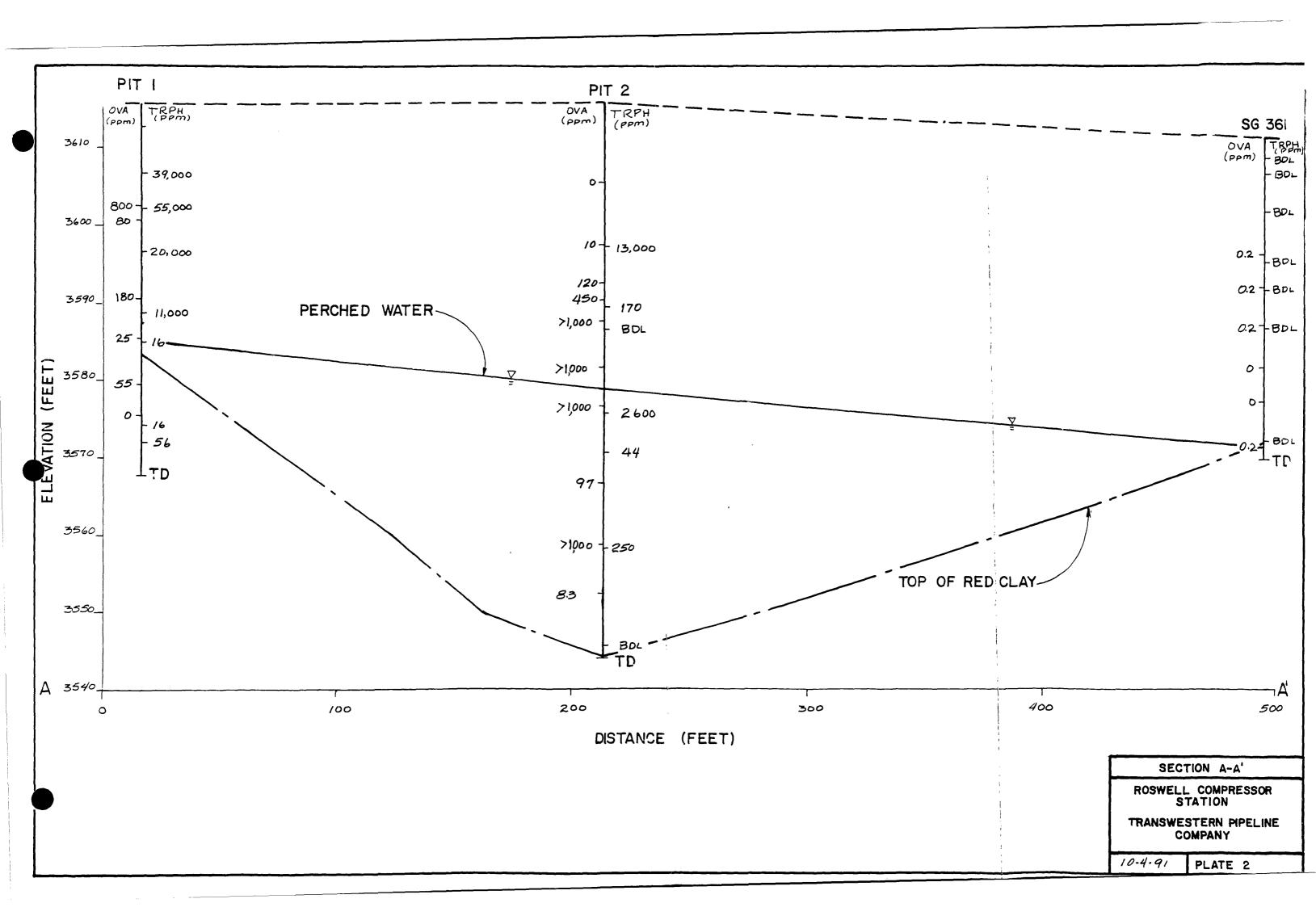
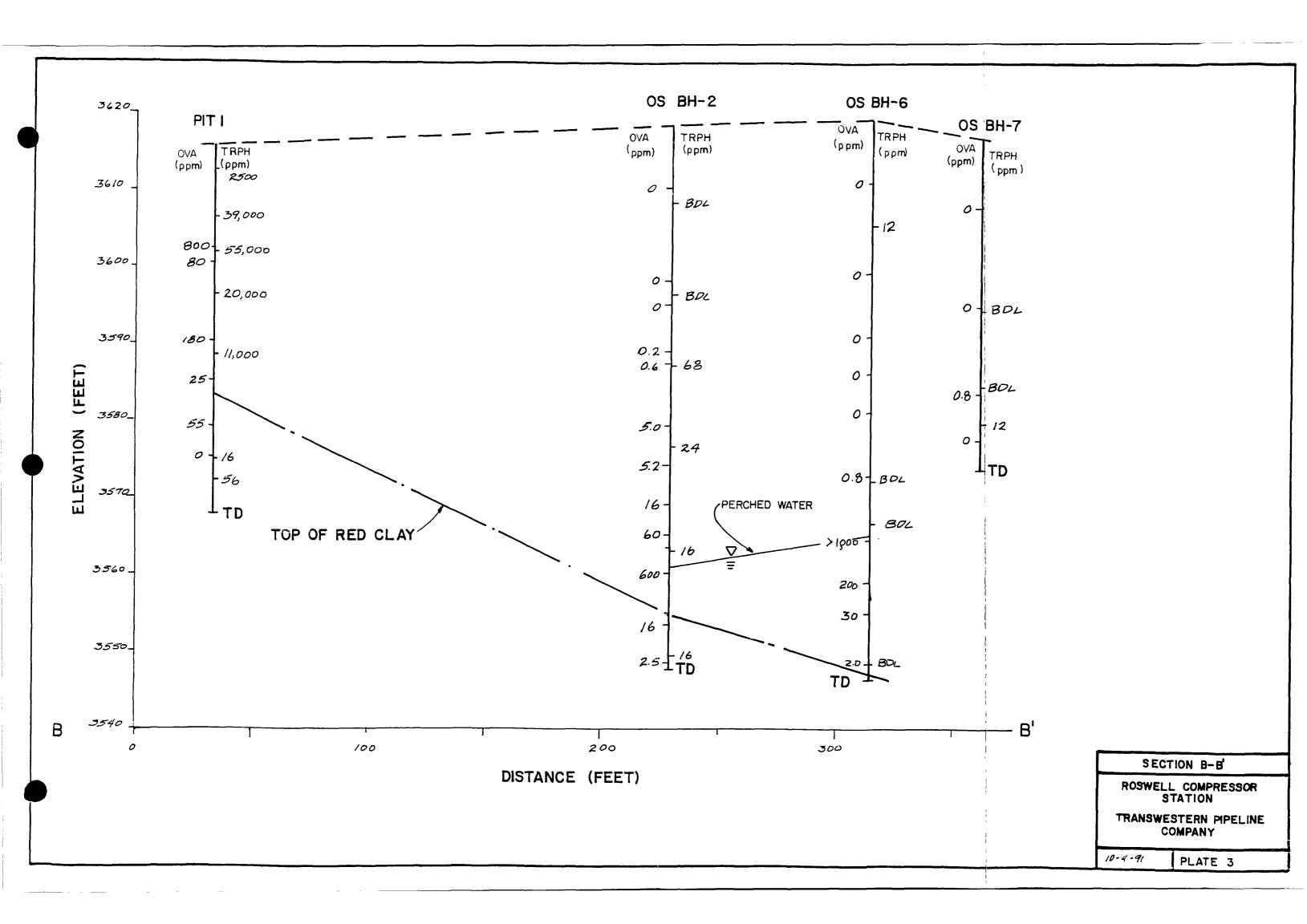
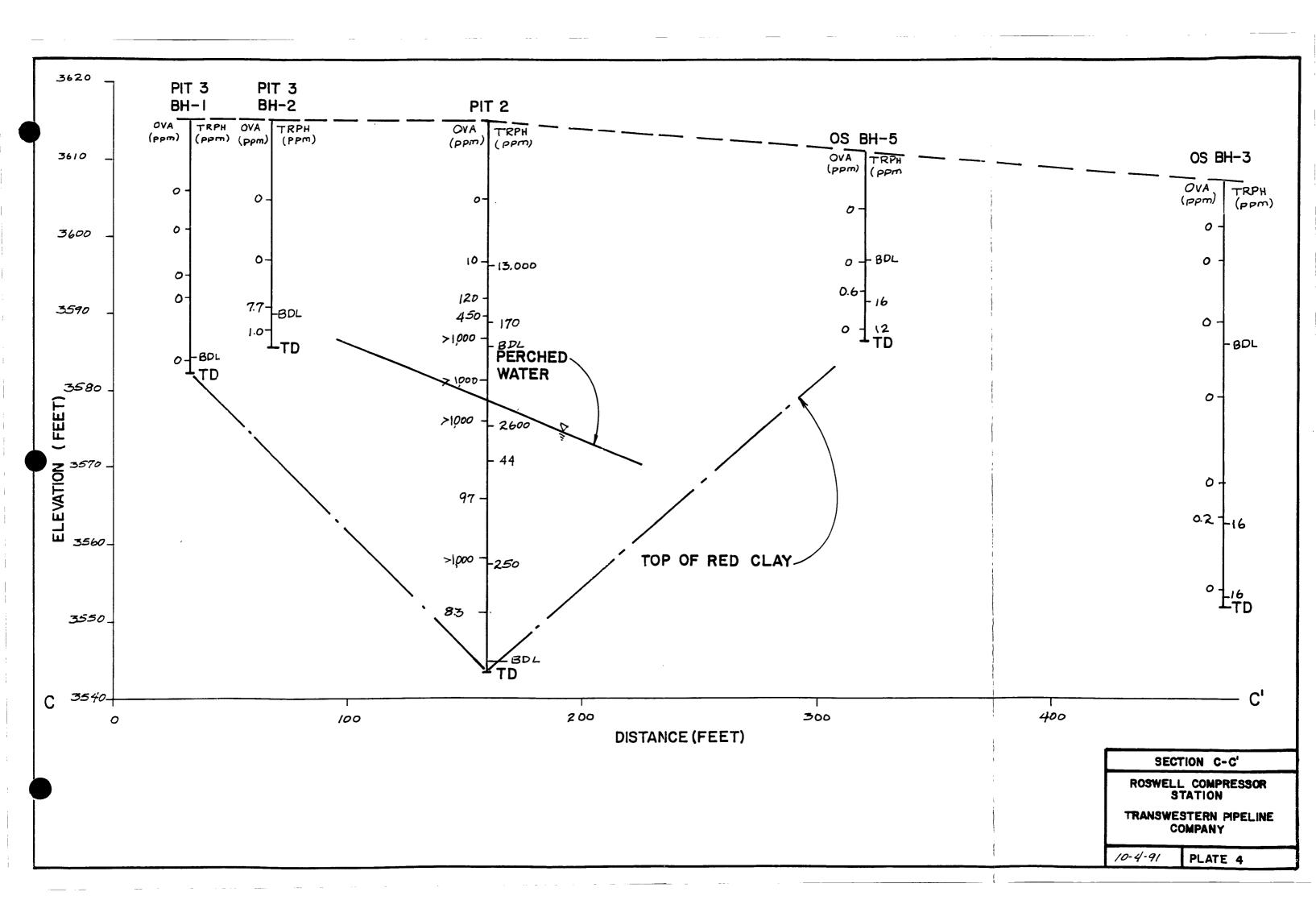


FIGURE 3

ELEVATIONS OF PERCHED GROUNDWATER ROSWELL COMPRESSOR STATION







2 through 4 as it relates to the red clay surface and the estimated zone for TRPH.

APPENDIX A BOREHOLE SAMPLE LOGS



| Well Number | Pit 1 | Well Location N17 + 98 El + 76.6 |
|-------------|--------------|----------------------------------|
| Well Owner | Transweste | ern Pipeline Company |
| Sample Logg | er D. Brigo | s, METRIC Corporation |
| Driller | METRIC Corpo | pration |
| Drilling Me | dium Hol | llow Stem Augers |
| | | |
| Date of Com | pletion7 | 7-16-91 Ground Elev. 3615.72 |
| | | |
| Depth | Thickness | |
| (feet) | (feet) | Stratigraphic Description |
| 0.0 - 7.8 | 7.8 | Brown clay with gravels |
| 7.8 - 8.1 | 0.3 | Greyish tan sand |
| 8.1 - 9.4 | 1.3 | Black oily sand with gravel |
| 9.4 - 12.8 | 3.4 | No recovery |
| 12.8 - 13.7 | 0.9 | Black oily sand with gravels |
| 13.7 - 14.3 | 0.6 | Brown clay |
| 14.3 - 14.8 | 0.5 | Black silty sand |
| 14.8 - 16.3 | 1.5 | Black sand with small gravels |
| 16.3 - 17.8 | 1.5 | No recovery |
| 17.8 - 19.0 | 1.2 | Brownish grey sand with gravels |
| 19.0 - 21.4 | 2.4 | Grey sand with heavy gravels |
| 21.4 - 22.8 | 1.4 | No recovery |
| 22.8 - 23.5 | 0.7 | Grey sand with gravels |
| 23.5 - 27.0 | 3.5 | White sand with gravels |
| 27.0 - 27.8 | 0.8 | No recovery |
| 27.8 - 28.5 | 0.7 | Grey sand with gravels |
| 28.5 - 30.6 | 2.1 | Grey small clean gravel |
| 30.6 - 32.8 | 2.2 | Reddish clay |
| 32.8 - 37.8 | 5.0 | Red clay with black streaks |
| 37.8 - 47.8 | 10.0 | Red clay |



| Well Number | Pit 2 | Well | Location N17 + 98 | El + 76.6 |
|------------------|------------------|--------------|------------------------|----------------------------------------|
| Well Owner | Transwest | ern Pipelin | e Company | |
| Sample Logge | er <u>D. Bri</u> | iggs, METRIC | Corporation | |
| Driller | METRIC Cor | poration | | |
| Drilling Med | dium Hol | | | |
| | | | | |
| Date of Comp | pletion _ | 7-17-91 | Ground Elev. | 3615.72 |
| | | | | |
| Depth | Thickness | | | ······································ |
| (feet) | (feet) | | Stratigraphic Des | cription |
| 0.0 - 1.8 | 1.8 | | Tan sandy gravel fill | |
| 1.8 - 2.9 | 1.1 | | No recovery | |
| 2.9 - 3.5 | 0.6 | | Tan sandy gravel fill | |
| 3.5 - 6.1 | 2.6 | | White caliche with gra | avels |
| 6.1 - 7.9 | 1.8 | | No recovery | |
| 7.9 - 10.1 | 2.2 | | Tan sand with gravels | |
| 10.1 - 10.5 | 0.4 | | Reddish caliche | |
| 10.5 - 12.9 | 2.4 | | No recovery | |
| 12.9 - 13.5 | 0.6 | | Reddish caliche | |
| 13.5 - 13.9 | 0.4 | | Red clay | |
| 13.9 - 14.3 | 0.4 | | Tan sandy gravel | |
| 14.3 - 17.9 | 3.6 | | No recovery | |
| 17.9 - 18.1 | 0.2 | | Tan sandy gravel | |
| 18.1 - 18.9 | 0.8 | | Tan sand | |
| 18.9 - 19.0 | 0.1 | | Tan sandy gravel | |
| 19.0 - 22.9 | 3.9 | | No recovery | |
| 22.9 - 24.4 | 1.5 | | Tan sandy gravel | |
| 24.4 - 26.4 | 2.0 | | Grey sandy gravel | |
| 26.4 - 27.9 | 1.5 | | No recovery | |
| 27.9 - 29.3 | 1.4 | | Tan medium sand | |
| 29.3 - 31.1 | 1.8 | | Grey sandy gravel | |



SAMPLE LOG Continued

Well Number Pit 2 Well Location N17 + 98 El + 76.6

(Continued from Previous Page)

| _ | | | |
|---|-----------------|---------------------|--------------------------------------|
| _ | Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
| | | | |
| | 31.1 - 32.9 | 1.8 | No recovery |
| | 32.9 - 36.6* | 3.7 | Grey sandy gravel |
| | 36.6 - 37.9 | 1.3 | No recovery |
| | 37.9 - 40.1 | 2.2 | Grey sand with pebbles |
| | 40.1 - 42.9 | 2.8 | No recovery |
| | 42.9 - 50.5 | 7.6 | Red sandy clay |
| | 50.5 - 52.9 | 2.4 | No recovery |
| | 52.9 - 56.3 | 3.4 | Red sandy clay |
| | 56.3 - 57.9 | 1.6 | Grey/black medium sand |
| | 57.9 - 62.6 | 4.7 | Red sandy clay |
| | 62.6 - 64.1 | 1.5 | Sandy gravel |
| | 64.1 - 67.9 | 3.8 | Red clay |
| | 67.9 - 71.6 | 3.7 | Red clay with calcium sulfate lenses |
| | | | |

<sup>\*</sup> Groundwater encountered at 33.7'



| METT MUMBEL | P1t 3 BH- | <u>.T</u> метт | $\frac{\text{LOCalion}}{\text{N19} + 18} = \frac{\text{E1} + 31.5}{\text{E1}}$ | |
|------------------------------------------|---------------------------------------------|----------------|--------------------------------------------------------------------------------|--|
| Well Owner Transwestern Pipeline Company | | | | |
| Sample Logg | Sample Logger D. Briggs, METRIC Corporation | | | |
| Driller! | METRIC Corpo | ration | | |
| Drilling Me | dium | Hollow Stem | Auger | |
| | | | | |
| Date of Com | pletion _ | 7-18-91 | Ground Elev. 3615.71 | |
| | | | | |
| Depth
(feet) | Thickness
(feet) | 5 | Stratigraphic Description | |
| | | | | |
| 0.0 - 1.6 | 1.6 | | Brown sand with gravel | |
| 1.6 - 2.4 | 0.8 | | Tan sand with gravel | |
| 2.4 - 2.8 | 0.4 | | No recovery | |
| 2.8 - 5.5 | 2.7 | | Tan sand with gravel | |
| 5.5 - 7.8 | 2.3 | | No recovery | |
| 7.8 - 11.0 | 3.2 | | Tan sand with gravel | |
| 11.0 - 12.8 | 1.8 | | No recovery | |
| 12.8 - 14.9 | 2.1 | | Tan sand with gravel | |
| 14.9 - 17.8 | 2.9 | | No recovery | |
| 17.8 - 20.2 | 2.4 | | Tan sand with gravel | |
| 20.2 - 22.8 | 2.6 | | No recovery | |
| 22.8 - 23.0 | 0.2 | | Tan sand with gravel | |
| 23.0 - 30.7 | 7.7 | | No recovery | |
| 30.7 - 32.8 | 2.1 | | White caliche with gravel | |



| Well Number | Pit 3 BF | H-2 Well Location N19 + 48 E1 + 38.5 |
|-------------|----------------|------------------------------------------|
| Well Owner | Transwe | estern Pipeline Company |
| Sample Logg | er <u>D. F</u> | Briggs, METRIC Corporation |
| Driller | METRIC Corr | coration |
| | | ollow Stem Auger |
| | | |
| Date of Com | pletion _ | 7-18-91 Ground Elev. 3615.68 |
| | | |
| Depth | Thickness | |
| (feet) | (feet) | Stratigraphic Description |
| 0.0 - 2.3 | 2 3 | Brown sand with gravel |
| | | - |
| 2.3 - 6.8 | - • - | Tan sand with gravel |
| 6.8 - 7.6 | 0.8 | No recovery |
| 7.6 - 9.6 | 2.0 | Tan sand |
| 9.6 - 10.9 | 1.3 | Tan sand with gravel |
| 10.9 - 17.6 | 6.7 | No recovery |
| 17.6 - 19.2 | 1.6 | Tan sand with gravel |
| 19.2 - 22.6 | 3.4 | No recovery |
| 22.6 - 24.4 | 1.8 | Tan sand with gravel |
| 24.4 - 25.4 | 1.0 | White sand with gravel and dark streaks |
| 25.4 - 27.6 | 2.2 | No recovery |
| 27 6 - 29 5 | 1 a | White sand with gravel caliche at bottom |



| Well Number | SG-86 | Well Location N17 + 10 E2 + 68.2 | | |
|------------------------------------------|--------------------|----------------------------------|--|--|
| Well Owner Transwestern Pipeline Company | | | | |
| Sample Logge | er D. Briggs, | METRIC Corporation | | |
| Driller | METRIC Corporation | on | | |
| Drilling Med | dium Hollow | Stem Auger | | |
| | | | | |
| Date of Comp | pletion 7-22 | 2-91 Ground Elev. 3613.52 | | |
| | | | | |
| Depth | Thickness | | | |
| (feet) | (feet) | Stratigraphic Description | | |
| 0.0 - 1.1 | 1.1 | Brown silty sand | | |
| 1.1 - 1.8 | 0.2 | White caliche with gravel | | |
| 1.8 - 2.9 | 1.1 | No recovery | | |
| 2.9 - 4.8 | 1.9 | Tan sand with gravel | | |
| 4.8 - 7.9 | | No recovery | | |
| 7.9 - 8.9 | 1.0 | Tan sand with gravel | | |
| 8.9 - 12.9 | 4.0 | No recovery | | |
| 12.9 - 13.3 | 0.4 | Tan sand with gravel | | |
| 13.3 - 15.2 | 1.9 | Grey sand with gravel | | |
| 15.2 - 17.9 | 2.7 | No recovery | | |
| 17.9 - 21.1 | 3.2 | Tan sand with gravel | | |
| 21.1 - 22.9 | 1.8 | No recovery | | |
| 22.9 - 23.9 | 1.0 | Grey sand with gravel | | |
| 23.9 - 25.2 | 1.3 | Tan sand with gravel | | |
| 25.2 - 27.9 | 2.7 | No recovery | | |
| 27.9 - 29.4 | 1.5 | Tan sand with large gravel | | |
| 29.4 - 32.9 | 3.5 | No recovery | | |
| 32.9 - 33.6 | 0.7 | Grey sand with gravel | | |
| 33.6 - 35.9 | 2.3 | Red clay with dark lenses | | |
| 35.9 - 37.9 | 2.0 | No recovery | | |
| 37.9 - 40.7 | 2.8 | Red clay | | |



| Well Number | SG 91 | Well | Location N20 + 53.2 EO + 66.5 |
|--------------|--------------|--------------|-----------------------------------------|
| Well Owner | Transwe | estern Pipel | ine Company |
| Sample Logge | er <u>D.</u> | Briggs, MET | RIC Corporation |
| Driller | METRIC CO | orporation | |
| Drilling Med | lium Ho | llow Stem Au | iger |
| | | | |
| Date of Comp | letion _ | 7-22-91 | Ground Elev. 3612.28 |
| | | | |
| Depth | Thickness | | |
| (feet) | (feet) | | Stratigraphic Description |
| 0.0 - 0.9 | 0.9 | | Brown silty sand with gravel |
| 0.9 - 1.5 | 0.6 | | White sand with gravel |
| 1.5 - 3.0 | 1.5 | | No recovery |
| 3.0 - 6.0 | 3.0 | | Tan sand with gravel |
| 6.0 - 8.0 | 2.0 | | No recovery |
| 8.0 - 11.0 | 3.0 | | Tan sand with gravel |
| 11.0 - 13.0 | 2.0 | | No recovery |
| 13.0 - 14.3 | 1.3 | | Tan sand with gravel |
| 14.3 - 17.0 | 2.7 | | Tan sand with gravel mixed with caliche |
| 17.0 - 18.0 | 1.0 | | No recovery |
| 18.0 - 18.8 | 0.8 | | Tan sand with gravel |
| 18.8 - 21.5 | 2.7 | | Tan sand with gravel mixed with caliche |
| 21.5 - 23.0 | 1.5 | | No recovery |
| 23.0 - 26.1 | 3.1 | | Tan sand with gravel mixed with caliche |
| 26.1 - 28.0 | 1.9 | | No recovery |
| 28.0 - 28.2 | 0.2 | | Tan sand with gravel |
| 28.2 - 33.0 | 4.8 | | Red clay |



| Well Number | SG-349 | Well Location N21 + 60.2 E0 + 79.0 |
|-------------|--------------|-----------------------------------------|
| Well Owner | Transwe: | stern Pipeline Company |
| Sample Logg | er <u>D.</u> | Briggs, METRIC Corporation |
| Driller | METRIC Corpo | oration |
| Drilling Me | dium | Hollow Stem Auger |
| | | |
| Date of Com | pletion _ | 7-25-91 Ground Elev. 3615.56 |
| | | |
| Depth | Thickness | |
| (feet) | (feet) | Stratigraphic Description |
| 0.0 - 1.2 | 1.2 | Brown sandy loam with gravel |
| 1.2 - 1.8 | 0.6 | Light brown silty sand with gravel |
| 1.8 - 2.9 | 1.1 | No recovery |
| 2.9 - 4.6 | 1.7 | Light brown silty sand with gravel |
| 4.6 - 7.9 | 3.3 | No recovery |
| 7.9 - 10.3 | 2.4 | Tan sand with gravel mixed with caliche |
| 10.3 - 12.9 | 2.6 | No recovery |
| 12.9 - 14.8 | 1.9 | Tan sand with gravel |
| 14.8 - 17.9 | 3.1 | No recovery |
| 17.9 - 19.0 | 1.1 | Tan sand with gravel |
| 19.0 - 19.8 | 0.8 | Red silty sand |
| 19.8 - 21.6 | 1.8 | Tan sand with gravel |
| 21.6 - 22.9 | 1.3 | No recovery |
| 22.9 - 26.3 | 3.4 | Tan sand with gravel |
| 26.3 - 27.9 | 1.6 | No recovery |
| 27.9 - 29.7 | 1.8 | Tan sand with gravel mixed with caliche |
| 29.7 - 30.4 | 0.7 | Red clay |



| Well Number | SG 360 | Well Location $N22 + 61.5$ El + 60 | 8 |
|--------------|------------|------------------------------------|--------------|
| Well Owner | Transwe | stern Pipeline Company | |
| Sample Logge | erD. B | riggs, METRIC Corporation | |
| Driller | METRIC Cor | poration | |
| Drilling Med | dium H | ollow Stem Auger | |
| | | | |
| Date of Comp | oletion | 7-25-91 Ground Elev. 3610. | 83 |
| | | | |
| Depth | Thickness | | |
| (feet) | (feet) | Stratigraphic Description | 1 |
| 0.0 - 1.0 | 1.0 | Brown sandy loam | |
| 1.0 - 2.5 | 1.5 | White silty sand with gravel | |
| 2.5 - 2.9 | 0.4 | No recovery | |
| 2.9 - 5.1 | 2.2 | White silty sand with gravel | |
| 5.1 - 7.9 | 2.8 | No recovery | |
| 7.9 - 9.9 | 2.0 | Tan sand with gravel | |
| 9.9 - 12.9 | 3.0 | No recovery | |
| 12.9 - 14.7 | 1.8 | Tan sand with gravel | |
| 14.7 - 17.9 | 3.2 | No recovery | |
| 17.9 - 19.6 | 1.7 | Tan fine sand with gravel | |
| 19.6 - 21.0 | 1.4 | Tan sand with gravel | |
| 21.0 - 22.9 | 1.9 | No recovery | |
| 22.9 - 25.3 | 2.4 | Tan sand with gravel | |
| 25.3 - 27.9 | 2.6 | No recovery | |
| 27.9 - 28.9 | 1.0 | Tan sand with gravel | |
| 28.9 - 29.4 | 0.5 | Red clay | |



| Well Number | SG 361 Well | Location N22 + 61.5 E2 + 77.8 |
|---------------|--------------------|-----------------------------------------|
| Well Owner | Transwestern Pipel | ine Company |
| Sample Logger | D. Briggs, MET | RIC Corporation |
| Driller | METRIC Corporation | |
| | ium Hollow Stem | |
| | | |
| Date of Compl | letion 7-25-91 | Ground Elev. 3610.15 |
| | | |
| Depth 1 | Thickness | |
| (feet) | (feet) | Stratigraphic Description |
| | | |
| 0.0 - 0.5 | | Brown sandy loam |
| 0.5 - 2.0 | | White silty sand with gravel |
| 2.0 - 3.2 | | No recovery |
| 3.2 - 4.0 | | White silty sand with gravel |
| 4.0 - 5.3 | 1.3 | Tan sand with gravel |
| 5.3 - 8.2 | 2.9 | No recovery |
| 8.2 - 10.9 | 2.7 | Tan sand with gravel |
| 10.9 - 13.2 | 2.3 | No recovery |
| 13.2 - 16.4 | 3.2 | Tan sand with gravel |
| 16.4 - 18.2 | 1.8 | No recovery |
| 18.2 - 19.8 | 1.6 | Caliche with pebbles |
| 19.8 - 23.2 | 3.4 | No recovery |
| 23.2 - 25.4 | 2.2 | Tan sand with gravel mixed with caliche |
| 25.4 - 28.2 | 2.8 | No recovery |
| 28.2 - 28.5 | 0.3 | Cemented pebbles |
| 28.5 - 29.6 | 1.1 | Tan sand with gravel |
| 29.6 - 33.2 | 3.6 | No recovery |
| 33.2 - 35.4 | 2.2 | Tan sand with gravel |
| 35.4 - 38.2 | 2.8 | No recovery |
| 38.2 - 38.9* | 0.7 | Tan sand with gravel |
| 38.9 - 41.3 | 2.4 | Red sandy clay |

<sup>\*</sup> Groundwater encountered at 38.9'

METRIC Corporation

| Borehole Number | OS BH-1 Borehole Location | N16 + 64.9 E3 + 75.9 | | |
|----------------------------|-------------------------------|----------------------|--|--|
| Property Owner | Transwestern Pipeline Company | | | |
| Sample Logger | D. Briggs, METRIC Corporation | | | |
| Driller METRIC Corporation | | | | |
| Drilling Medium | Hollow Stem Auger | | | |
| | | | | |
| Date of Completi | on 7-22-91 Ground Elev | v. 3622.30 | | |

|) | Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|---|-----------------|---------------------|-----------------------------------------|
| | 0.0 - 0.8 | 0.8 | Brown sandy loam |
| | 0.8 - 2.0 | 1.2 | White caliche |
| | 2.0 - 2.9 | 0.9 | No recovery |
| | 2.9 - 4.8 | 1.9 | Tan sand with gravel mixed with caliche |
| | 4.8 - 7.9 | 3.1 | No recovery |
| | 7.9 - 9.4 | 1.5 | Tan sand with gravel |
| | 9.4 - 12.9 | 3.5 | No recovery |
| | 12.9 - 15.1 | 2.2 | Tan sand with gravel |
| | 15.1 - 16.1 | 1.0 | Tan sand with gravel mixed with caliche |
| | 16.1 - 17.9 | 1.8 | No recovery |
| | 17.9 - 19.1 | 1.2 | Tan sand with gravel |
| | 19.1 - 20.3 | 1.2 | Tan sand with gravel mixed with caliche |
| | 20.3 - 22.9 | 2.6 | No recovery |
| | 22.9 - 23.5 | 0.6 | Grey gravel |
| | 23.5 - 25.5 | 2.0 | Tan sand with gravel |
|) | 25.5 - 27.9 | 2.4 | No recovery |
| | 27.9 - 29.1 | 1.2 | White caliche with large gravel |
| | 29.1 - 32.9 | 3.8 | No recovery |
| | 32.9 - 34.5 | 1.6 | Tan medium sand with gravel |
| | 34.5 - 35.7 | 1.2 | Red clay |



| Well Number | OS BH-2 | Well Location N18 + 26.0 E3 + 79.0 |
|-------------|-----------------|------------------------------------|
| Well Owner | Transwestern | n Pipeline Company |
| Sample Logo | ger D. Briggs | s, METRIC Corporation |
| Driller _ | METRIC Corporat | ion |
| Drilling Me | edium Hollo | w Stem Auger |
| | | |
| Date of Com | apletion7-2 | 24-91 Ground Elev. 3618.39 |
| | | |
| Depth | Thickness | |
| (feet) | (feet) | Stratigraphic Description |
| 0.0 - 0.6 | 0.6 | Brown sandy loam |
| 0.6 - 2.0 | 1.4 | White caliche with gravel |
| 2.0 - 2.8 | | No recovery |
| 2.8 - 3.9 | | White caliche with gravel |
| 3.9 - 4.4 | | Tan sand with gravel |
| 4.4 - 7.8 | - | No recovery |
| 7.8 - 9.8 | 2.0 | Tan sand with gravel |
| 9.8 - 10.3 | 0.5 | Tan sand with gravel |
| 10.3 - 17.8 | 7.5 | No recovery |
| 17.8 - 22.1 | 4.3 | Tan sand with gravel |
| 22.1 - 22.8 | 0.7 | Red clay |
| 22.8 - 23.9 | 1.1 | Red sandy clay |
| 23.9 - 27.8 | 3.9 | No recovery |
| 27.8 - 31.7 | 3.9 | Red clay |
| 31.7 - 32.8 | 1.1 | No recovery |
| 32.8 - 35.5 | 2.7 | Red sandy clay |
| 35.5 - 37.8 | 2.3 | No recovery |
| 37.8 - 41.0 | 3.2 | Red silty sand |
| 41.0 - 42.1 | 1.1 | Red silty clay sand |
| 42.1 - 42.8 | 0.7 | No recovery |



SAMPLE LOG Continued

Well Number OS BH-2 Well Location N18 + 26.0 E3 + 79.0

(Continued from Previous Page)

| Depth
(feet) | Thickness
(feet) | - Stratigraphic Description |
|-----------------|---------------------|------------------------------|
| | | |
| 42.8 - 45.1 | 2.3 | Red silty clay sand |
| 45.1 - 46.1 | 1.0 | Red clay |
| 46.1 - 47.8 | 1.7 | No recovery |
| 47.8 - 48.9 | 1.1 | Red clay |
| 48.9 - 49.1 | 0.2 | Red sand |
| 49.1 - 49.7 | 0.6 | Red clay |
| 49.7 - 52.8 | 3.1 | No recovery |
| 52.8 - 54.4 | 1.6 | Tan silty sand |
| 54.4 - 55.4 | 1.0 | Grey silty sand |
| 55.4 - 55.7 | 0.3 | Red clay with black marbling |
| 55.7 - 57.8 | 2.1 | No recovery |
| 57.8 - 58.6* | 0.8 | Grey silty sand |
| 58.6 - 61.8 | 3.2 | Red clay with black marbling |
| 61.8 - 62.8 | 1.0 | No recovery |
| 62.8 - 64.6 | 1.8 | Red clay |
| 64.6 - 66.3 | 1.7 | Deep red silty sand |
| 66.3 - 67.8 | 1.5 | No recovery |
| 67.8 - 70.6 | 2.8 | Red silty sand with gravel |
| | | - 5-4-5- |

<sup>\*</sup> Groundwater encountered at 57.8'



| Well Number | OS BH-3 | Well Location <u>N21 + 08.7 E4 + 95.1</u> |
|-------------|------------|-------------------------------------------|
| Well Owner | Transwes | stern Pipeline Company |
| Sample Logg | er D. Brid | ggs, METRIC Corporation |
| Driller | METRIC Cor | coration |
| Drilling Me | dium Ho | llow Stem Auger |
| | | |
| Date of Com | pletion | 7-26-91 Ground Elev. 3607.04 |
| | | |
| Depth | Thickness | |
| (feet) | (feet) | Stratigraphic Description |
| 0.0 - 1.2 | 1.2 | Brown sandy loam |
| 1.2 - 2.3 | 1.1 | Light brown silty sand |
| 2.3 - 3.0 | 0.7 | No recovery |
| 3.0 - 4.5 | 1.5 | Light brown silty sand |
| 4.5 - 6.0 | 1.5 | Light brown sandy clay |
| 6.0 - 7.4 | 1.4 | Light brown sand with white salts |
| 7.4 - 8.0 | 0.6 | No recovery |
| 8.0 - 9.6 | 1.6 | Light brown sandy clay with white salts |
| 9.6 - 10.2 | 0.4 | White caliche with gravel |
| 10.2 - 11.8 | 1.6 | Light red sandy clay with gravel |
| 11.8 - 13.0 | 1.2 | No recovery |
| 13.0 - 13.9 | 0.9 | Tan sand with gravel |
| 13.9 - 17.8 | 3.9 | Red silty clay with white salts |
| 17.8 - 18.0 | 0.2 | No recovery |
| 18.0 - 19.6 | 1.6 | Red silty clay with gypsum nodules |
| 19.6 - 20.8 | 1.2 | Tan silty sand |
| 20.8 - 21.2 | 0.4 | Red silty clay with gypsum nodules |
| 21.2 - 23.0 | 1.8 | No recovery |
| 23.0 - 24.7 | 1.7 | Red silty clay with gypsum nodules |
| 24.7 - 27.5 | 2.8 | Brown silty sand |



SAMPLE LOG Continued

Well Number OS BH-3 Well Location N21 + 08.7 E4 + 95.1

(Continued from Previous Page)

| Depth | Thickness | |
|-------------|-----------|------------------------------------|
| (feet) | (feet) | Stratigraphic Description |
| | | |
| 27.5 - 28.0 | 0.5 | No recovery |
| 28.0 - 33.0 | 5.0 | Brown silty clay |
| 33.0 - 37.6 | 4.6 | Brown silty clay |
| 37.6 - 38.0 | 0.4 | No recovery |
| 38.0 - 39.1 | 1.1 | Brown silty clay |
| 39.1 - 41.4 | 2.3 | Reddish silty clay |
| 41.4 - 43.0 | 1.6 | No recovery |
| 43.0 - 44.5 | 1.5 | Reddish silty clay |
| 44.5 - 44.8 | 0.3 | White gypsum |
| 4.8 - 45.3 | 0.5 | Reddish silty clay |
| 45.3 - 48.0 | 2.7 | No recovery |
| 48.0 - 54.5 | 6.5 | White gypsum or caliche |
| 54.5 - 55.0 | 0.5 | Reddish white very fine silty sand |



| Borehole Number | OS BH-4 Borehole Location N21 + 81.6 E3 + 86.6 |
|------------------|------------------------------------------------|
| Property Owner | Transwestern Pipeline Company |
| Sample Logger | D. Briggs, METRIC Corporation |
| Driller | METRIC Corporation |
| Drilling Medium | Hollow Stem Auger |
| | |
| Date of Completi | on 7-20-01 Ground Fley 2604 05 |

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|------------------|---------------------|--------------------------------------|
| 0.0 - 1.2 | 1.2 | Dark brown sandy loam |
| 1.2 - 2.5 | 1.3 | No recovery |
| 2.5 - 3.5 | 1.0 | Brown sandy clay |
| 3.5 - 7.5 | 4.0 | Brown sandy clay with gypsum nodules |
| 7.5 - 10.0 | 2.5 | Brown silty sand with gypsum nodules |
| 10.0 - 12.5 | 2.5 | No recovery |
| 12.5 - 17.5 | 5.0 | Brown silty sand with gravel |
| 17.5 - 19.2 | 1.7. | Tan sand with gravel |
| 19.2 - 22.5 | 3.3 | No recovery |
| 22.5 - 24.4 | 1.9 | Tan sand with gravel |
| 24.4 - 24.9 | 0.5 | Red clay |
| 24.9 - 27.5 | 2.6 | No recovery |
| 27.5 - 31.0 | 3.5 | Red clay with white nodules |

METRIC Corporation

| OS BH-5 Borehole Location | N19 + 92.0 E3 + 89.5 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------|
| Transwestern Pipeline Company | |
| D. Briggs, METRIC Corporation | |
| METRIC Corporation | |
| Hollow Stem Auger | |
| | |
| on <u>7-30-91</u> Ground Ele | v. <u>3611.12</u> |
| | Transwestern Pipeline Company D. Briggs, METRIC Corporation METRIC Corporation Hollow Stem Auger |

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|-----------------|---------------------|------------------------------|
| 0.0 - 0.9 | 0.9 | Brown sandy loam |
| 0.9 - 1.5 | 0.6 | Tan silty sand |
| 1.5 - 2.5 | 1.0 | No recovery |
| 2.5 - 3.3 | 0.8 | Tan silty sand with gravel |
| 3.3 - 4.0 | 0.7 | White caliche with gravel |
| 4.0 - 7.5 | 3.5 | No recovery |
| 7.5 - 9.5 | 2.0 | Tan silty sand with gravel |
| 9.5 - 12.5 | 3.0 | No recovery |
| 12.5 - 14.2 | 1.7 | Tan silty sand with gravel |
| 14.2 - 14.7 | 0.5 | White silty sand with gravel |
| 14.7 - 17.5 | 2.8 | No recovery |
| 17.5 - 19.9 | 2.4 | White caliche with gravel |
| 19.9 - 20.1 | 0.2 | Red clay |
| 20.1 - 22.5 | 2.4 | No recovery |
| 22.5 - 24.8 | 2.3 | Red clay with black nodules |

METRIC Corporation

| Borehole Number | OS BH-6 Borehole Location | N18 + 17.5 E4 + 60.9 |
|-------------------|-------------------------------|----------------------|
| Property Owner | Transwestern Pipeline Company | |
| Sample Logger | D. Briggs, METRIC Corporation | |
| Driller | METRIC Corporation | |
| Drilling Medium | Hollow Stem Auger | |
| | | |
| Date of Completic | on 7-30-91 Ground Ele | v. 3619.15 |

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description | | |
|-----------------|---------------------|-------------------------------|--|--|
| 0.0 - 1.1 | 1.1 | Brown sandy loam | | |
| 1.1 - 1.7 | 0.6 | Tan sand with gravel | | |
| 1.7 - 2.6 | 0.9 | No recovery | | |
| 2.6 - 4.0 | 1.4 | Tan sand with gravel | | |
| 4.0 - 7.6 | 3.6 | No recovery | | |
| 7.6 - 9.7 | 2.1 | Tan sand with large gravel | | |
| 9.7 - 12.6 | 2.9 | No recovery | | |
| 12.6 - 14.7 | 2.1 | Tan sand with gravel | | |
| 14.7 - 17.6 | 2.9 | No recovery | | |
| 17.6 - 19.2 | 1.6 | Tan sand with gravel | | |
| 19.2 - 22.6 | 3.4 | No recovery | | |
| 22.6 - 24.0 | 1.4 | Gravel $(\frac{1}{2}$ " - 2") | | |
| 24.0 - 27.6 | 3.6 | No recovery | | |
| 27.6 - 34.7 | 7.1 | Tan sand with gravel | | |
| 34.7 - 37.6 | 2.9 | No recovery | | |
| 37.6 - 39.6 | 2.0 | Tan sand with gravel | | |
| 39.6 - 45.0 | 5.4 | No recovery | | |
| 45.0 - 46.4 | 1.4 | Tan sand with gravel | | |
| | | | | |



SAMPLE LOG Continued

Well Number OS BH-6 Well Location N18 + 17.5 E4 + 60.9 (Continued from Previous Page)

| Depth | Thickness | |
|--------------|-----------|--------------------------------------------|
| (feet) | (feet) | Stratigraphic Description |
| 46.4 - 47.6 | 1.2 | Red silty sand |
| 47.6 - 52.6 | 5.0 | No recovery |
| 52.6 - 55.3* | 2.7 | Red silty sand with black marbling |
| 55.3 - 57.6 | 2.3 | No recovery |
| 57.6 - 60.7 | 3.1 | Red silty sand with black marbling |
| 60.7 - 62.6 | 1.9 | No recovery |
| 62.6 - 66.1 | 3.5 | Red silty clay to sand with black marbling |
| 66.1 - 67.0 | 0.9 | Red silty clay with gravel |
| 67.0 - 67.6 | 0.6 | No recovery |
| 67.6 - 72.6 | 5.0 | Red silty clay with gravel and sand lenses |

<sup>\*</sup> Groundwater encountered at 54.3'

METRIC Corporation

| Borehole Number . | OS BH-7 Borehole Lo | cation | $\frac{N18 + 27.6}{}$ | E5 + 05.7 |
|-------------------|----------------------------|----------|---------------------------------------|-------------|
| Property Owner | Transwestern Pipeline Comp | oany | · · · · · · · · · · · · · · · · · · · | |
| Sample Logger | D. Briggs, METRIC Corporat | ion | | |
| Driller | METRIC Corporation | | | |
| Drilling Medium | Hollow Stem Auger | | | |
| _ | | | | |
| Date of Completic | on <u>7-31-91</u> Gro | und Elev | 7. <u>3616.69</u> |) |

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|-----------------|---------------------|-----------------------------------------|
| 0.0 - 0.8 | 0.8 | Brown silty clay sand |
| 0.8 - 1.7 | 0.9 | White silty sand with gravel |
| 1.7 - 2.0 | 0.3 | No recovery |
| 2.0 - 4.8 | 2.8 | Tan sand with gravel mixed with caliche |
| 4.8 - 7.0 | 2.2 | No recovery |
| 7.0 - 10.2 | 3.2 | Tan sand with gravel . |
| 10.2 - 12.0 | 1.8 | No recovery |
| 12.0 - 15.1 | 3.1 | Tan sand with gravel |
| 15.1 - 17.0 | 1.9 | No recovery |
| 17.0 - 18.8 | 1.8 | Tan sand with gravel |
| 18.8 - 20.1 | 1.3 | Tan sand with gravel mixed with caliche |
| 20.1 - 22.0 | 1.9 | No recovery |
| 22.0 - 32.0 | 10.0 | Red sandy clay |
| 32.0 - 34.0 | 2.0 | Red silty clay |
| 34.0 - 37.0 | 3.0 | No recovery |
| 37.0 - 38.1 | 1.1 | Red clay |
| 38.1 - 40.3 | 2.2 | Red clay with gravel |



| Borehole Number | OS BH-8 Borehole Location | N16 + 71.9 E4 + 60.8 | |
|------------------|-------------------------------|----------------------|--|
| Property Owner | Transwestern Pipeline Company | | |
| Sample Logger | D. Briggs, METRIC Corporation | | |
| Driller | METRIC Corporation | | |
| Drilling Medium | Hollow Stem Auger | ···· | |
| • | | | |
| Date of Completi | on 7-31-91 Ground Ele | v. <u>3620.04</u> | |

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|-----------------|---------------------|--------------------------------------------------------|
| 0.0 - 1.0 | 1.0 | Brown silty sand |
| 1.0 - 2.3 | 1.3 | White silty sand and caliche with gravel |
| 2.3 - 2.6 | 0.3 | No recovery |
| 2.6 - 3.7 | 1.1 | White silty sand and caliche with gravel |
| 3.7 - 6.4 | 2.7 | Tan sand with gravel and caliche |
| 6.4 - 7.6 | 1.2 | No recovery |
| 7.6 - 10.8 | 3.2 | Tan sand with gravel and caliche |
| 10.8 - 12.6 | 1.8 | No recovery |
| 12.6 - 14.8 | 2.2 | Tan sand with gravel |
| 14.8 - 16.0 | 1.2 | Tan sand with pebbles |
| 16.0 - 17.6 | 1.6 | No recovery |
| 17.6 - 21.2 | 3.6 | Tan sand with gravel |
| 21.2 - 22.6 | 1.4 | No recovery |
| 22.6 - 26.6 | 4.0 | Tan sand with gravel |
| 26.6 - 27.6 | 1.0 | No recovery |
| 27.6 - 30.6 | 3.0 | Tan sand with large gravel mixed with cemented pebbles |
| 30.6 - 32.6 | 2.0 | No recovery |
| | | |



SAMPLE LOG Continued

Well Number OS BH-8 Well Location N16 + 71.9 E4 + 60.8 (Continued from Previous Page)

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|-----------------|---------------------|---------------------------|
| 32.6 - 33.9 | 1.3 | Tan sand with gravel |
| 33.9 - 35.9 | 2.0 | Red sandy clay |
| 35.9 - 37.6 | 1.7 | No recovery |
| 37.6 - 39.6 | 2.0 | Red clay |
| 39.6 - 42.2 | 2.6 | Red fine sand |
| 42.2 - 42.6 | 0.4 | No recovery |
| 42.6 - 44.1 | 1.5 | Red very fine silty sand |
| 44.1 - 47.6 | 3. 5 | No recovery |
| 47.6 - 49.9* | 2.3 | Red very fine silty sand |

<sup>\*</sup> Groundwater encountered at 49'

METRIC Corporation

SAMPLE LOG

| Borehole Number | OS BH-9 Borehole Location | N18 + 91.6 | E4 + 67.2 |
|-------------------------------------|-------------------------------|------------|-----------|
| Property Owner | Transwestern Pipeline Company | | |
| Sample Logger | D. Briggs, METRIC Corporation | | |
| Driller | METRIC Corporation | | |
| Orilling Medium _ Hollow Stem Auger | | | |
| | | | |
| | | | |

Date of Completion 8-1-91 Ground Elev. 3614.77

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|--------------------------------------|---------------------|-----------------------------------------|
| | | |
| 0.0 - 0.8 | 0.8 | Brown silty loam |
| 0.8 - 1.6 | 0.8 | White caliche with gravel |
| 1.6 - 2.5 | 0.9 | No recovery |
| 2.5 - 5.5 | 3.0 | White caliche with gravel |
| 5.5 - 7.5 | 2.0 | No recovery |
| 7.5 - 11.4 | 3.9 | Tan sand with gravel mixed with caliche |
| 11.4 - 12.5 | 1.1 | No recovery |
| 12.5 - 15.5 | 3.0 | Tan sand with gravel mixed with caliche |
| 15.5 - 17.5 | 2.0 | No recovery |
| 17.5 - 20.3 | 2.8 | Tan sand with gravel mixed with caliche |
| 20.3 - 22.5 | 2.2 | No recovery |
| 22.5 - 25.4 | 2.9 | White caliche with gravel |
| 25.4 - 27.5 | 2.1 | No recovery |
| 27.5 - 31.0 | 3.5 | White caliche with gravel |
| 31.0 - 32.0 | 1.0 | Red clay |
| 32.0 - 32.5 | 0.5 | Red silty sand |
| 32 . 5 - 35 . 7 | 3.2 | Red silty clayey sand |



SAMPLE LOG Continued

Well Number OS BH-9 Well Location N18 + 91.6 E4 + 67.2 (Continued from Previous Page)

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|-----------------|---------------------|---------------------------|
| | | |
| 35.7 - 37.5 | 1.8 | No recovery |
| 37.5 - 39.7 | 2.2 | Red silty sand |
| 39.7 - 42.5 | 2.8 | No recovery |
| 42.5 - 43.4 | 0.9 | Red sandy clay |
| 43.4 - 47.5 | 4.1 | No recovery |
| 47.5 - 48.3 | 0.8 | Red sandy clay |
| 48.3 - 49.0* | 0.7 | Red gravelly clay |
| 49.0 - 49.7 | 0.7 | Red clay |

<sup>\*</sup> Groundwater encountered at 48.5'

METRIC Corporation

SAMPLE LOG

| Borehole Number | BH-10 Borehole Location | Station #9 |
|----------------------------------------------|-------------------------------|----------------|
| Property Owner | Transwestern Pipeline Company | |
| Sample Logger Don Briggs, METRIC Corporation | | |
| Driller METRIC Corporation | | |
| Drilling Medium | Hollow Stem Auger | |
| _ | | |
| | 11/15/01 | 3617 33! 10031 |

Date of Completion 11/15/91 Ground Elev. 3617.33' Local

| Depth
(feet) | Thickness
(feet) | Stratigraphic Description |
|-----------------|---------------------|------------------------------|
| 0 - 0.3 | 0.3 | Brown silty sand with gravel |
| 0.3 - 1.5 | 1.2 | Tan sand with gravel |
| 1.5 - 2.8 | 1.3 | No recovery |
| 2.8 - 4.2 | 1.4 | Tan sand with gravel |
| 4.2 - 7.8 | 3.6 | No recovery |
| 7.8 - 9.6 | 1.8 | Tan sand with gravel |
| 9.6 - 12.8 | 3.2 | No recovery |
| 12.8 - 14.6 | 1.8 | Tan sand with gravel |
| 14.6 - 14.8 | 0.2 | Brown sandy clay |
| 14.8 - 17.8 | 3.0 | No recovery |
| 17.8 - 22.8 | 5.0 | Brown sandy clay |
| 22.8 - 23.9 | 1.1 | Brown sandy clay |
| 23.9 - 25.0 | 1.1 | Brown sandy clay with gravel |
| 25.0 - 25.3 | 0.3 | Conglomerate |
| 25.3 - 25.5 | 0.2 | Purple sandstone |
| 25.5 - 27.8 | 2.3 | No recovery |
| 27.8 - 31.6 | 3.8 | Red sandy clay |
| 31.6 - 32.8 | 1.2 | No recovery |
| 32.8 - 37.8 | 5.0 | Red sandy clay |



| Borehole Number _ | BH-11 Borehol | e Location $\_$ | Station #9 | |
|---------------------------------------------|--------------------------------|-----------------|----------------|--|
| Property OwnerTranswestern Pipeline Company | | | | |
| Sample Logger | Don Briggs, METRIC Corporation | | | |
| Driller | riller METRIC Corporation | | | |
| Drilling Medium | Hollow Stem Auger | | | |
| | | | | |
| Date of Completion | 11/15/91 | Ground Elev. | 3617.60' Local | |

| Thickness
(feet) | Stratigraphic Description |
|---------------------|---------------------------------------------------------------------|
| 0.9 | Brown silty sand with gravel |
| 0.7 | White sandy caliche |
| 1.2 | No recovery |
| 1.0 | White sandy caliche with gravel |
| 4.0 | No recovery |
| 1.9 | Tan sand with gravel |
| 3.1 | No recovery |
| 1.7 | Tan sand with gravel |
| 3.3 | No recovery |
| 1.0 | Tan sand with gravel |
| 0.5 | Brown sandy clay with gravel |
| 8.5 | No recovery |
| 0.8 | Tan sugar sand |
| 0.3 | Tan sugar sand with gravel |
| 0.5 | Red sandy clay |
| 3.4 | No recovery |
| 3.5 | Red sandy clay |
| 1.5 | Red clay |
| | 0.9 0.7 1.2 1.0 4.0 1.9 3.1 1.7 3.3 1.0 0.5 8.5 0.8 0.3 0.5 3.4 3.5 |

APPENDIX B

LABORATORY REPORTS AND PURGEABLE HALOCARBON COMPOUNDS

AND

AROMATIC VOLATILE ORGANIC COMPOUNDS

| | WINGER | \1 | |
|----|-----------------------|--------------------------|----------------------------------|
| ۲. | ANALYTICAL LAROPATORI | S TNC - 7200 Tefferen NE | - Albanassamas - Nous Maudea 971 |

REPORT

Work Order # 91-07-215

07/31/91 14:28:41

Page 1
Received: 07/18/91

TAKEN

P.O. #

| REPORT
TO | ENRON/TRANSWESTERN PIPELINE 6381 N. MAIN STREET P.O. BOX 1717 | | Assaigai Analytical Labs
7300 Jefferson NE
Albuquerque, NM 87109 | Syel Risi |
|--------------|---------------------------------------------------------------|-------|------------------------------------------------------------------------|---------------------|
| | ROSWELL, NM 88202-1717 | | | CERTIFIED BY |
| ATTEN | LARRY CAMPBELL | ATTEN | SYED RIZVI | |
| | | PHONE | (505) 345-8964 | CONTACT LAB MANAGER |
| CLIENT | ENRO3 SAMPLES 10 | | | _ |
| COMPANY | | QUI | ESTIONS ABOUT THIS REPORT SHOU | LD BE ADDRESSED TO: |
| FACILITY | ROSWELL, NEW MEXICO | | LABORATORY OPERATIONS MANAGER | |
| | ENR03 | | 7300 JEFFERSON N.E., ALBUQUER | |
| WORK ID | STATION 9 7752 | | | |

SAMPLE IDENTIFICATION

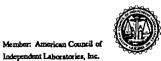
INVOICE under separate cover

TRANS <u>FED X NEXT DAY</u>
TYPE SOIL

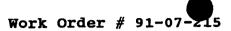
TEST CODES and NAMES used on this workorder

| | SAMPLE IDENTIFICATION | | | | | | | |
|-----------|-----------------------|---|-------------|--|--|--|--|--|
| 01 | | | | | | | | |
| 02 | | | • | | | | | |
| <u>03</u> | PIT | I | 2.8-3.0 | | | | | |
| 04 | PIT | I | 9.2-9.4 | | | | | |
| <u>05</u> | PIT | I | 13.5-13.7 | | | | | |
| <u>06</u> | PIT | I | 18.8 - 19.0 | | | | | |
| <u>07</u> | PIT | I | 26.8 - 27.0 | | | | | |
| <u>80</u> | PIT | Ι | 30.6-30.8 | | | | | |
| 09 | PIT | Ι | 41.6 - 41.8 | | | | | |
| 10 | PTT | Т | 43.5-43.7 | | | | | |

| | - | | | | |
|---------------|------------------|-------|--------|-------|------------|
| <u>8010 S</u> | PURGEABLE | HALO | CARBO | NS-SC | DIL |
| 8020 | AROMATIC Y | JOLAT | ILE O | RGAN | <u> CS</u> |
| BTEX | BENZENE, TO | OLUEN | E, EBE | NZ,X | ZLE |
| TRPH | TOTAL REC | PET | HYDRO | CARBO | ONS |







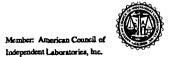
SAMPLE ID PIT I 2.8-3.0

Received: 07/18/91

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FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| trans-1,2-DICHLOROETHENE
1,2-DICHLOROPROPANE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE | <0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1 |
| 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | $ \begin{array}{r} 3.2 \\ < 0.1 \\ < 0.1 \\ < 0.1 \\ < 0.1 \\ < 0.1 \end{array} $ | $\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$ |



| ANALYTICAL LAB | ORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, No | sw Mexico 87109 | |
|---------------------|----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------|
| Page 7
Received: | 07/18/91 | REPORT Results by Sample | Work Order # 91-07-55
Continued From Above |
| SAMPLE ID | PIT I 2.8-3.0 | FRACTION 03A TEST CODE 8010 8 Date & Time Collected not specif | ied Category |
| | | Notes and Definitions for this EXTRACTED | Report: |





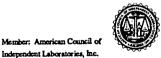
Page 8 Received: 07/18/91

Results by Sample

SAMPLE ID PIT I 9.2-9.4

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 04A Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1
0.1 |
| 2-CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE | <pre></pre> | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
0.26
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \end{array}$ |



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REPORT Results by Sample

Work Order # 91-07-215 Continued From Above

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SAMPLE ID PIT I 9.2-9.4 FRACTION 04A

FRACTION <u>04A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST D/R

UNITS MG/KG





Results by Sample

SAMPLE ID PIT I 13.5-13.7

Received: 07/18/91

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FRACTION <u>05A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_



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REPORT Results by Sample

Work Order # 91-07-215 Continued From Above

| | K | ec | e: | 17 | re | a | : | U | 1 | / | 1 | 8 | / | 9 | 1 | |
|--|---|----|----|----|----|---|---|---|---|---|---|---|---|---|---|--|
|--|---|----|----|----|----|---|---|---|---|---|---|---|---|---|---|--|

SAMPLE ID **PIT I 13.5-13.7**

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l: 07/18/91 Results by San

FRACTION <u>05A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected **not specified** Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/23/91
DATE RUN 07/23/91
ANALYST D/R
UNITS MG/KG





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Results by Sample

SAMPLE ID **PIT I 18.8 - 19.0**

FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-----------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| CARBON TETRACHLORIDE
CHLOROBENZENE
CHLOROETHANE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE | <0.1
<0.1
<0.1 | 0.1 |
| DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE | <0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE | <0.1
<0.1
<0.1
<0.1 | 0.1
0.1 |
| 1,1-DICHLOROETHENE
trans-1,2-DICHLOROETHENE
1,2-DICHLOROPROPANE | <0.1
<0.1
<0.1
<0.1 | 0.1
0.1 |
| cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | <0.1
<0.1
<0.1
<0.1 | 0.1
0.1 |
| METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE | <0.1
0.33
<0.1 | 0.1 |
| TETRACHLOROETHENE
TRICHLOROFLUOROMETHANE
TRICHLOROETHENE | 0.87
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| VINYL CHLORIDE | <0.1 | 0.1 |



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REPORT Results by Sample

Work Order # 91-07-215 Continued From Above

| SAMPLE | TD | DTM | T | 10 | - | 10 0 | |
|-------------------|----|-----|---|----|----------|------|--|
|) A I'I F I 1 I'. | | | | | | | |

Received: 07/18/91

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FRACTION <u>06A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected **not specified** Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST D/R

UNITS MG/KG



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Results by Sample

SAMPLE ID PIT I 26.8 - 27.0

FRACTION 07A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category \_\_\_\_\_\_



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|------------------|--------------------------------------------------------|
| ANALYTICAL LABOR | RIES INC a 7300 lefferson N.E. a Albuquerque New Mexic |

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Received: 07/18/91

REPORT Results by Sample

Work Order # 91-07-215 Continued From Above

| SAMPLE | ID | PIT | I | 26. | 8 - | 27.0 | |
|--------|----|-----|---|-----|-----|------|--|
| | | | | | | | |

FRACTION <u>07A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/23/91
DATE RUN 07/23/91
ANALYST D/R
UNITS MG/KG



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Work Order # 91-07-215

Results by Sample

SAMPLE ID **PIT I 30.6-30.8**

Received: 07/18/91

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TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL FRACTION 08A Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM | $ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $ | $\begin{array}{r} 0.1 \\ 0.1 \\ \hline \end{array}$ |
| 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE | <0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline \end{array}$ |
| 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE | <0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | <0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE | $ \begin{array}{r} $ | 0.1 |
| TRICHLOROFLUOROMETHANE
TRICHLOROETHENE
VINYL CHLORIDE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |



| • | COL | \t | \ | | | |
|---|--------------|-------------|--------------------------------------------------|------------------|-------------------|----------------|
| ٠ | ANALYTICAL I | ARORAZORIES | NC -730 | O Inffragon N/10 | 2 a Albaranaana ' | Nam Mariae 971 |

REPORT

Work Order # 91-07-215 Continued From Above

| Page | 17 | | |
|------|-------|-------|-------|
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SAMPLE ID PIT I 30.6-30.8

Results by Sample

| FRACTION 08A | TEST CODE | 8010 S NAME | PURGEABLE HALOCARBONS-SOI |
|---------------|---------------|-------------|---------------------------|
| Date & Time C | collected not | specified | _ Category |

Notes and Definitions for this Report:

EXTRACTED 07/23/91 07/23/91 DATE RUN ANALYST D/R UNITS MG/KG



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Work Order # 91-07-215

Received: 07/18/91

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Results by Sample

FRACTION 09A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category \_\_\_\_\_\_ SAMPLE ID **PIT I 41.6 - 41.8**

| BROMOFORM <0.1 BROMOMETHANE <0.1 | 0.1
0.1
0.1
0.1
0.1
0.1 |
|----------------------------------|------------------------------------------------------|
| CHLOROBENZENE <0.1 | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| trans-1,3-DICHLOROPROPENE <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE <0.1 | 0.1
0.1
0.1
0.1
0.1
0.1 |



| 7 | GO <i>t</i> | | | | | |
|---|-------------|------------|-----------|--------------------|-------------------|------------|
| A | VALYTICA | I. I.ARORA | TORIES IN | C . 7300 Jefferson | NE a Albaranamana | Nam Marian |

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Received: 07/18/91

REPORT Results by Sample

Work Order # 91-07-215 Continued From Above

| SAMPLE | TD | DTM | T | 41 | 6 | _ | 41 | Ω | |
|--------|----|-----|---|-------|-----|---|--------------|-----|--|
| MILLE | TD | PIT | | 4 L . | . 0 | _ | 9 1 - | . 8 | |

FRACTION 09A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category \_\_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST D/R

UNITS MG/KG



| A 4 14 1 A W # | ~ . ~ | |
|------------------|-----------------------------------------------------|----------|
| A L'L' A I I | \ | |
| | _ /\ | |
| | 7 5/3 = | |
| ASSAI(| J | |
| | | |
| ANALYTICAL LAROR | RIES, INC. • 7300 Jefferson, N.E. • Albuquerque, N. | M:- 071A |
| | | |

REPORT

Work Order # 91-07-215

Page 20 Received: 07/18/91

Results by Sample

SAMPLE ID PIT I 41.6 - 41.8

TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS FRACTION 09A Date & Time Collected not specified Category

| PARAMETER | RESULT | DET LIMIT |
|---------------------|--------|-----------|
| BENZENE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 07/23/91 DATE RUN 07/23/91 \_DD ANALYST UNITS MG/KG



RIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-215

Page 21

Received: 07/18/91

SAMPLE ID PIT I 43.5-43.7

Results by Sample

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL FRACTION 10A Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| 1,2-DICHLOROPROPANE
cis-1,3-DICHLOROPROPENE
1,1,2,2-TETRACHLOROETHANE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE | <0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1 |
| TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |



| A | GG | A | 16 | À | 4 | |
 |
|---|----|---|----|---|---|-------------|------|
| | | | | | | | |

ANALYTICAL LABORATION N.C. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Page 22 Received: 07/18/91 REPORT Results by Sample

Work Order # 91-07-215 Continued From Above

| SAMPLE | TD | DTM | T | 43 | 5-43 | 7 |
|---------|----|-----|---|-----|------|-----|
| DAMPLLE | TD | PIT | _ | 43. | | - / |

FRACTION 10A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category \_\_\_\_\_\_

Notes and Definitions for this Report:

MG/KG

EXTRACTED 07/23/91
DATE RUN 07/23/91
ANALYST D/R

UNITS

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Work Order # 91-07-215

Page 23
Received: 07/18/91

Results by Sample

SAMPLE ID PIT I 43.5-43.7

FRACTION 10A TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS
Date & Time Collected not specified Category

| PARAMETER | RESULT | DET LIMIT |
|---------------------|-----------------|-----------|
| BENZENE | <0.1 | 0.1 |
| CHLOROBENZENE | <u><0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 07/23/91

DATE RUN 07/23/91

ANALYST DD

UNITS MG/KG





WORK ORDER 7752

| HAZARDOUS NON-HAZARDOUS | DATE RECEIVED | | ESTIMATED (| COST | | |
|-----------------------------------------|-----------------------------------------------------------------------------|----------------|------------------|-----------------------------------------------|--|--|
| CUSTOMER P.O. NUMBER | TIME RECEIVED | | DUE DATE | | | |
| | ACCOUNT INI | FORMATION | | () | | |
| CUSTOMER'S NAME ENLON TRINCLUESTE | | | CONTACT
L/1K/ | Y Crarecco | | |
| ADDRESS | | | PHONE NUME | | | |
| CITY/STATE/ZIP | | | | | | |
| PARTY RESPONSIBLE F | OR PAYMENT IF C | THER THAN ABO | VE | ACCOUNT STATUS | | |
| NAME | | CONTACT | | - | | |
| ADDRESS | | PHONE NUMBER | | PAYMENT REC'D. OPEN ACCOUNT CASH CHECK NUMBER | | |
| CITY / STATE / ZIP | | | | | | |
| SPECIAL BILLING INSTRUCTIONS | | | | | | |
| | SAMPLE INF | OPMATION | | | | |
| PE OF SAMPLE NO. OF SAMPLES *TUF | RN AROUND TIME | | TIFICATION A | IND / OR SAMPLE SITE | | |
| SOIL RUE OIL NO. OF CONTAINERS EM | GULAR (10 WKG DAYS)
SH (3 DAYS)
ERGENCY (STAT)
UBJECT TO WORK LOG) | Station 9-Pi+1 | | | | |
| SAMPLE DELIVERED BY | SIGNA
Y NOW 1 | | | DATE 7/18/4/1 | | |
| ANALYSIS REQUEST | | | | | | |
| WORK DESCRIPTION | | | | | | |
| TPH, BTEX | <u> </u> | X020 | 3 W | Cop. C. | | |
| | | | | | | |
| ECIAL INSTRUCTIONS | | | | | | |
| BILLING: PICKUP MAIL | Į. | LOGGED IN BY | | | | |

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | | | Date: <u>7-</u> | <u> 17-91</u> |
|--------------------------------------------|-------------------------------------------------------|----------------|-----------------|---------------|
| Sample Location
Valve or Receiver No | | | Sampl | er |
| STATION 9- CAS TANK
STATION 9- PIT I | | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANALY | SES REQUESTED |
| GAS TANK COMPOSITE 0-1.4, 7, 9-4,2, 7,87,2 | | YES | TPH | BTEX |
| GAR TANK 16.0 -16.3 | | YES | | BTEX |
| PIT 1 2.8 - 3.0 | | 224 | | |
| PIT 1 9.2-9.4 | | AKZ | | |
| PIT 1 13.5 - 13.7 | | YES | | |
| PIT 1 18.8 - 19.0 | | Yes | 8010 | |
| P17 1 26.8 · 27.0 | · - · . · · · · · · · · · · · · · · · · · | Y=\$ | | |
| P17 1 30.6 - 30.8 | | YES | 8010 | <u></u> |
| P17 1 41.6 - 41.P | | 7K2 | | Po 2 0 |
| F11 1 13.3 - 43.7 | | 763 | 8010 | , 8020 |
| Relinquished By EAR | CHANLEY /T | W PL Ca. | | Date 7-17-91 |
| Relinquished To fro | -x | | | Date 7-17-91 |
| | | | | |
| Relinquished By Fed |) · x | | | Date |
| Relinquished To ns | SACI LAB | | | Date |
| Dalida and also it is | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date |
| Relinquished By | | | | Date |
| Relinquished By | | | | Date |
| ^ | | | | |
| Received: 1+55A16 | | | | Date 7/18/9! |

\* MAIL TEST RESULTS TO: LARRY CAMPBELL P.O. Box 1717

505-625.8022

ROSWELL N.M. 88202-1717

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | | | Date: <u>7</u> - | 17-91 |
|-----------------------------------------|-----------------|--------------------|---------------------------------------|---------------------------------------|
| Sample Location
Valve or Receiver No | | collect.
Flush | Samp | ler |
| STATION 7-GAS TANK
STATION 9-PIT 1 | | | | |
| | | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANAL | YSES REQUESTED |
| SAC TONK COMPACT | | Y 4.5 | 7 8 11 | RITEX |
| GAS TANK 16.216.3 | | Y65 | тен_ | BTEX |
| PIT 1 2.8-3.6 | | YES | 2010 | |
| 47 1 7.2 - 4.5 | | 763 | 8010 | |
| P17 1 . 12.5 .43.7 | | Y = 9 | 8010 | |
| PIT 1 12.8 - 19.0 | | 7:5 | 8010 | · · · · · · · · · · · · · · · · · · · |
| 11-7 26.8 -27.0 | | AE S | 8010 | |
| P17 1 2, 6 - 20.7 | | 7 = - | 2010 | |
| PIT 1 41.6 - 41.6 PIT 1 43.5 | | Mr. | | 8 LC |
| P:7 1 43.5 - 43.7 | | 460 | 4010 | .3a & b |
| Relinquished By EARL | 0.00 | me was in the con- | | Date 7-17-91 |
| Relinquished To Fro | -1 | 3 10 1 C C3. | | Date 7-17-11 |
| | 75. | | | Dacc 7-11-1 |
| Relinquished By Fac | ٠ - ١ | | | Date |
| Relinquished To nos | Met LAS | | | Date |
| | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date |
| | | | | Data |
| Relinquished By
Relinquished By | | | | Date |
| wertudarsusa by | | | | Dace |
| Laboratory: The Received: | P. Cro2 | | · · · · · · · · · · · · · · · · · · · | Date 7/1/11 |
| keceived: | | | | Date // / H |

005-608-626

A MINIE TEST RESOLUTE TO LARRY CAMPARLIE

REPOR

Work Order # 91-07-257

Page 1
Received: 07/23/91

07/31/91 10:36:55

| | ENRON/TRANSWESTERN PIPELINE 6381 N. MAIN STREET P.O. BOX 1717 | PREPARED Assaigai Analytical Labs BY 7300 Jefferson NE Albuquerque, NM 87109 Syed Rimin | |
|----------|---------------------------------------------------------------|------------------------------------------------------------------------------------------|---|
| | ROSWELL, NM 88202-1717 | CERTIFIED BY | |
| ATTEN | LARRY CAMPBELL | ATTEN SYED RIZVI | |
| | | PHONE (505)345-8964 CONTACT LAB MANAGER | _ |
| CLIENT | ENRO3 SAMPLES 12 | | |
| COMPANY | ENRON/TRANSWESTERN PIPELINE | QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: | _ |
| FACILITY | ROSWELL, NEW MEXICO | LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL | _ |

WORK ID STATION #9 7784
TAKEN 7/22/91
TRANS FEDERAL EXPRESS
TYPE SOIL
P.O. #
INVOICE under separate cover

25.0-25.2

30.7-30.9

SAMPLE IDENTIFICATION

ENR03

TEST CODES and NAMES used on this workorder

7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

| | DESTRICT | | 1 IDDUITE TOUTION | |
|----|----------|---|-------------------|--|
| 01 | PIT | 2 | SAMPLE 001 | |
| 02 | PIT | 2 | SAMPLE 002 | |
| 03 | PIT | 2 | 26.0-26.2 | |
| 04 | PIT | 2 | 29.1-29.3 | |
| 05 | PIT | 2 | 39.8-39.9 | |
| 06 | PIT | 2 | 44.1-44.3 | |
| 07 | PIT | 2 | 57.5-57.8 | |
| 08 | PIT | 2 | 69.9-70.1 | |
| 09 | | | | |
| 10 | | | | |

BH-2

BH-1

| 8010 S | PURGEABLE HALOCARBONS-SOII |
|--------|----------------------------|
| 8020 | AROMATIC VOLATILE ORGANICS |
| TRPH | TOTAL REC PET HYDROCARBONS |
| | |

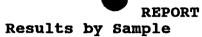


11 PIT 3

12 PIT 3

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Page 2 Received: 07/23/91



Work Order # 91-07-257

SAMPLE ID PIT 2 SAMPLE 001

FRACTION 01A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-----------------------------------|-----------------|----------|
| BROMODICHLOROMETHANE
BROMOFORM | <0.1
<0.1 | |
| BROMOMETHANE | <0.1 | |
| CARBON TETRACHLORIDE | <u> <0.1</u> | |
| CHLOROBENZENE | <u> <0.1</u> | 0.1 |
| CHLOROETHANE | <u> <0.1</u> | 0.1 |
| CHLOROFORM | <u> <0.1</u> | |
| 2-CHLOROETHYL VINYL ETHER | <u> <0.1</u> | <u> </u> |
| CHLOROMETHANE | <u> <0.1</u> | |
| DIBROMOCHLOROMETHANE | <0.1 | |
| 1,2-DICHLOROBENZENE | <u> <0.1</u> | <u> </u> |
| 1,3-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <u> <0.1</u> | <u> </u> |
| DICHLORODIFLUOROMETHANE | <0.1 | <u> </u> |
| 1,1-DICHLOROETHANE | <0.1 | |
| 1,2-DICHLOROETHANE | <u> <0.1</u> | |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | <u> </u> |
| 1,2-DICHLOROPROPANE | <u> <0.1</u> | |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | |
| 1,1,2,2-TETRACHLOROETHANE | <u> <0.1</u> | |
| trans-1,3-DICHLOROPROPENE | <u> <0.1</u> | |
| METHYLENE CHLORIDE | <u> <0.1</u> | 0.1 |
| 1,1,1-TRICHLOROETHANE | <u><0.1</u> | |
| 1,1,2-TRICHLOROETHANE | <u> <0.1</u> | 0.1 |
| TETRACHLOROETHENE | <u> <0.1</u> | |
| TRICHLOROFLUOROMETHANE | <u> <0.1</u> | |
| TRICHLOROETHENE | <u> <0.1</u> | |
| VINYL CHLORIDE | <0.1 | 0.1 |



ANALYTICAL LABORATEORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

| SAMPLE ID PIT 2 SAMPLE | 001 |
|-------------------------------|-----|

Received: 07/23/91

Page 3

FRACTION <u>01A</u> TEST CODE <u>8010\_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

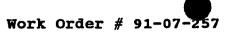
ANALYST D/R

UNITS MG/KG



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Results by Sample

SAMPLE ID PIT 2 SAMPLE 002

FRACTION 02A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|----------|
| BROMODICHLOROMETHANE | <0.1 | |
| BROMOFORM | <0.1 | |
| BROMOMETHANE | <0.1 | |
| CARBON TETRACHLORIDE | <0.1 | |
| CHLOROBENZENE | <u> <0.1</u> | |
| CHLOROETHANE | <0.1 | |
| CHLOROFORM | <0.1 | |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | |
| CHLOROMETHANE | <u> <0.1</u> | |
| DIBROMOCHLOROMETHANE | <u> <0.1</u> | |
| 1,2-DICHLOROBENZENE | <0.1 | |
| 1,3-DICHLOROBENZENE | <u> <0.1</u> | |
| 1,4-DICHLOROBENZENE | <0.1 | |
| DICHLORODIFLUOROMETHANE | <0.1 | |
| 1,1-DICHLOROETHANE | <0.1 | |
| 1,2-DICHLOROETHANE | <0.1 | |
| 1,1-DICHLOROETHENE | <0.1 | |
| trans-1,2-DICHLOROETHENE | <0.1 | |
| 1,2-DICHLOROPROPANE | <0.1 | |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | |
| 1,1,2,2-TETRACHLOROETHANE | <u> <0.1</u> | |
| trans-1,3-DICHLOROPROPENE | <u><0.1</u> | |
| METHYLENE CHLORIDE | <u> <0.1</u> | 0.1 |
| 1,1,1-TRICHLOROETHANE | 0.37 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <u> <0.1</u> | |
| TETRACHLOROETHENE | 0.65 | 0.1 |
| TRICHLOROFLUOROMETHANE | <u> <0.1</u> | <u> </u> |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <u> <0.1</u> | 0.1 |
| | | |



ASSAIGAI

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REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

| SAMPLE | ID | PIT | 2 | SAMPLE 002 | ! |
|--------|----|-----|---|------------|---|
|--------|----|-----|---|------------|---|

Received: 07/23/91

Page 5

FRACTION <u>02A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/29/91

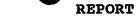
DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



Member: American Council of Independent Laboratories, Inc.



Results by Sample

SAMPLE ID **PIT 2 26.0-26.2**

Received: 07/23/91

Page 6

FRACTION 03A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL

Date & Time Collected 07/22/91 Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|----------|
| BROMODICHLOROMETHANE | <0.1 | |
| BROMOFORM | <u> <0.1</u> | 0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | <u> </u> |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <u> <0.1</u> | 0.1 |
| DIBROMOCHLOROMETHANE | <u> <0.1</u> | <u> </u> |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <u> <0.1</u> | 0.1 |
| 1,1-DICHLOROETHANE | <u> <0.1</u> | |
| 1,2-DICHLOROETHANE | <u> <0.1</u> | |
| 1,1-DICHLOROETHENE | <u><0.1</u> | |
| trans-1,2-DICHLOROETHENE | <u> <0.1</u> | 0.1 |
| 1,2-DICHLOROPROPANE | <u> <0.1</u> | 0.1 |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <u> <0.1</u> | <u> </u> |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| METHYLENE CHLORIDE | <u> <0.1</u> | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



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Page 7
Received: 07/23/91

REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

| SAMPLE ID | PIT : | 2 26. | 0-26. | 2 |
|-----------|-------|-------|-------|---|
| | | | | |

FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category \_\_\_\_\_\_

Notes and Definitions for this Report:

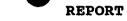
EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG





Results by Sample

SAMPLE ID PIT 2 29.1-29.3

Received: 07/23/91

Page 8

FRACTION 04A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category

| PARAMETER | RESULT | LIMIT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | <0.1 | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |



ORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

REPORT

Work Order # 91-07-257 Continued From Above

| Page | 9 | | | | |
|-------|-------|-------|-----|--|--|
| Rece: | ived: | 07/23 | /9: | | |

SAMPLE ID PIT 2 29.1-29.3

Results by Sample

FRACTION 04A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category \_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/29/91 DATE RUN 07/29/91 ANALYST D/R UNITS MG/KG



Member: American Council of Independent Laboratories, Inc.



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Results by Sample

SAMPLE ID PIT 2 39.8-39.9 FRAC

FRACTION <u>05A</u> TEST CODE <u>8010\_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE | <0.1
<0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE | <0.1
<0.1 | 0.1 |
| TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE | $\begin{array}{r} & <0.1 \\ & <0.1 \\ & <0.1 \end{array}$ | 0.1
0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



ANALYTICAL LABO ORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

ORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, Ne

REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

| CAMPLE | TD | DIM | • | 20 0-20 | n |
|--------|----|-----|---|-----------|---|
| DAMPLE | TD | PIT | ~ | 39.8-39.9 | " |

Received: 07/23/91

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FRACTION <u>05A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



PRIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-257

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Results by Sample

SAMPLE ID PIT 2 44.1-44.3

FRACTION 06A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category

| PARAMETER | RESULT | LIMIT |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | $\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ \end{array}$ | 0.1
0.1
0.1
0.1
0.1
0.1
0.1 |



ANALYTICAL LABOR ORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

| Receive | ed: | 07/23/91 | | | | | | |
|---------|-----|----------|-----|-----|-----|----|-----|--|
| SAMPLE | ID | PIT | 2 4 | 14. | 1-4 | 44 | . 3 | |

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FRACTION <u>06A</u> TEST CODE <u>8010\_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



| ASSAIGAI |
|--------------------------------------------------------------------------------------|
| ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |

REPORT

Work Order # 91-07-257

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Received: 07/23/91

Results by Sample

SAMPLE ID PIT 2 44.1-44.3

FRACTION <u>06A</u> TEST CODE <u>8020</u> NAME <u>AROMATIC VOLATILE ORGANICS</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | DET LIMIT |
|---------------------|-----------------|-----------|
| BENZENE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <u> <0.1</u> | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/29/91

ANALYST D/R

UNITS MG/KG



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Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 2 57.5-57.8

Received: 07/23/91

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TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 07A Date & Time Collected 07/22/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | $ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $ | $\begin{array}{r} 0.1 \\ \hline \end{array}$ |



ANALYTICAL LABORATORIES INC. 7200 Left-ran N.E. Alburgara New Marias 2710

NALYTICAL LABOR CORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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Received: 07/23/91

REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

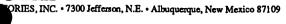
| SAMPLE | ID | PIT 2 | 57.5-57.8 | FR |
|--------|----|-------|-----------|----|
| | | | | |

FRACTION <u>07A</u> TEST CODE <u>8010\_8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/29/91
DATE RUN 07/30/91
ANALYST D/R
UNITS MG/KG





REPORT

Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 2 69.9-70.1

Received: 07/23/91

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FRACTION <u>08A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/22/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \end{array}$ |
| 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \end{array}$ |
| DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE | <0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1 |
| 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \end{array}$ |
| TETRACHLOROETHENE
TRICHLOROFLUOROMETHANE
TRICHLOROETHENE
VINYL CHLORIDE | <0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} & 0.1 \\ \hline & 0.1 \\ \hline & 0.1 \\ \hline & 0.1 \\ \hline \end{array}$ |



RIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Results by Sample

Work Order # 91-07-257 Continued From Above

| SAMPLE | TD | PTT | 2 | 69 | 9-70. | 1 |
|--------|----|-----|---|----|-------|---|

Received: 07/23/91

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FRACTION 08A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category \_\_\_\_\_

Notes and Definitions for this Report:

REPORT

EXTRACTED 07/29/91 DATE RUN 07/30/91 ANALYST D/R UNITS MG/KG



nn, N.E. • Albuquerque, New Mexico 87109

REPORT

Work Order # 91-07-257

Page 19
Received: 07/23/91

Results by Sample

SAMPLE ID PIT 2 69.9-70.1

FRACTION <u>08A</u> TEST CODE <u>8020</u>
Date & Time Collected 07/22/91

NAME AROMATIC VOLATILE ORGANICS
Category

| PARAMETER | RESULT | DET LIMIT |
|---------------------|-----------------|-----------|
| BENZENE | <u> <0.1</u> | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XVIENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 07/29/91
DATE RUN 07/30/91
ANALYST D/R
UNITS MG/KG



DRIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-257

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Results by Sample

SAMPLE ID PIT 3 BH-2 25.0-25.2 FRACTION 11A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/22/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE | <0.1
<0.1
<0.1
<0.1
<0.1 | 0.1 |
| CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE | <0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE | <0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | <pre></pre> | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE | <0.1
<0.1
<0.1
<0.1 | |
| TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1
<0.1 | |



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ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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Received: 07/23/91

REPORT Results by Sample

Work Order # 91-07-257 Continued From Above

| SAMPLE | TD | PTT | 3 | BH-2 | 21 | 5-0-2 | 5.2 |
|--------|----|-----|---|------|----|-------|-----|
| | エレ | | | | - | , | |

FRACTION 11A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/22/91 Category \_\_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



ORIES. INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-257

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Results by Sample

NAME AROMATIC VOLATILE ORGANICS SAMPLE ID PIT 3 BH-2 25.0-25.2 FRACTION 11A TEST CODE 8020 Date & Time Collected 07/22/91 Category

| PARAMETER | RESULT | DET LIMIT |
|---------------------|-----------------|-----------|
| BENZENE | <0.1 | 0.1 |
| CHLOROBENZENE | <u> <0.1</u> | <u> </u> |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | <u> </u> |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

07/29/91 EXTRACTED 07/30/91 DATE RUN ANALYST D/R UNITS MG/KG



REPORT

Work Order # 91-07-257

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Received: 07/23/91

Results by Sample

SAMPLE ID PIT 3 BH-1 30.7-30.9 FRACTION 12A TEST CODE 8010\_8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/22/91 Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|----------|
| BROMODICHLOROMETHANE | <0.1 | |
| BROMOFORM | <u> <0.1</u> | 0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <u> <0.1</u> | 0.1 |
| CHLOROBENZENE | <u><0.1</u> | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <u> <0.1</u> | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <u><0.1</u> | 0.1 |
| CHLOROMETHANE | <u> <0.1</u> | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | |
| 1,1-DICHLOROETHANE | <u> <0.1</u> | |
| 1,2-DICHLOROETHANE | <0.1 | |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 |
| 1,2-DICHLOROPROPANE | <u> <0.1</u> | 0.1 |
| cis-1,3-DICHLOROPROPENE | <0.1 | |
| 1,1,2,2-TETRACHLOROETHANE | <u> <0.1</u> | 0.1 |
| trans-1,3-DICHLOROPROPENE | <u> <0.1</u> | |
| METHYLENE CHLORIDE | <u><0.1</u> | 0.1 |
| 1,1,1-TRICHLOROETHANE | <u> <0.1</u> | <u> </u> |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <u> <0.1</u> | <u> </u> |
| TRICHLOROFLUOROMETHANE | <u> <0.1</u> | 0.1 |
| TRICHLOROETHENE | <u><0.1</u> | |
| VINYL CHLORIDE | <u> <0.1</u> | 0.1 |
| | | |



RIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

SAMPLE ID PIT 3 BH-1 30.7-30.9

REPORT

Work Order # 91-07-257 Continued From Above

Page 25 Received: 07/23/91

Results by Sample

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 12A Date & Time Collected 07/22/91 Category \_\_\_\_

Notes and Definitions for this Report:

MG/KG

07/29/91 EXTRACTED 07/30/91 DATE RUN ANALYST D/R

UNITS

ANALYTICAL LABO ORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-257

Results by Sample

SAMPLE ID PIT 3 BH-1 30.7-30.9

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Received: 07/23/91

FRACTION 12A TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS
Date & Time Collected 07/22/91 Category

| PARAMETER | RESULT | DET LIMIT |
|---------------------|-----------------|-----------|
| BENZENE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <u> <0.1</u> | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 07/29/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG





WORK ORDER 7784

| HAZARDOUS NON-HAZARDOUS | | | ESTIMATED | COST |
|----------------------------------|------------------------------------------------------|------------------|--------------------|------------------------------|
| CUSTOMER P.O. NUMBER | TIMÉ RECEIVED | DUE DATE // 6/91 | | 191 |
| | ACCOUNT INI | FORMATION | - / | |
| CUSTOMER'S NAME | | | CONTACT
La zing | lan, Lect |
| ADDRESS | | | PHONE NUME | BER |
| CITY / STATE / ZIP | | | | |
| PARTY RESPONSIBLE F | OR PAYMENT IF C | THER THAN ABO | VE | ACCOUNT STATUS |
| NAME | | CONTACT | | |
| ADDRESS | | PHONE NUMBER | | PAYMENT REC'D. OPEN ACCOUNT |
| CITY / STATE / ZIP | | | | CHECK NUMBER |
| SPECIAL BILLING INSTRUCTIONS | | _ | | |
| | SAMPLE INF | ORMATION | | |
| PE OF SAMPLE NO. OF SAMPLES *TUF | RN AROUND TIME | SAMPLE IDEN | TIFICATION A | AND / OR SAMPLE SITE |
| SUDGE RUS | GULAR (10 WKG DAYS)
SH (3 DAYS)
ERGENCY (STAT) | Station 9. | | |
| SAMPLE DELIVERED BY | UBJECT TO WORK LOG)
SIGNA | TURE | | DATE |
| | DEXT LINY | HIR | | 7/2/11 |
| | ANALYSIS | | | , |
| WORK DESCRIPTION | | | | |
| \$010 30 70 TPH | | | | |
| | | | | |
| | | | | |
| | | | ···· | |
| | | | | |
| | | | | |
| | | | | |
| ECIAL INSTRUCTIONS | | | | |
| | | | | |
| BILLING: PICKUP MAIL | \{ | LOGGEDINBY | | |

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: <u>QoSwell</u> | | | Date: <u>7-2</u> | 22.91 |
|-----------------------------------------|-------------------|----------------|------------------|---------------|
| Sample Location
Valve or Receiver No | Vol. Co
During | | Sampl | er |
| STATION 9 - | | | MYTRIC | Cosp |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANALY | SES REQUESTED |
| PIT 2 SAMPLE OCI | OOLD | 752
750 | 8010 | |
| Pri 2 5000 602 | | YES | | |
| P.7 2 26.0 - 26.2 | | 765 | | |
| P17 2 29.1 - 29.3 | | YES | | |
| P172 398-399 | | 453 | 3010 | |
| P172 441-443 | | YSS | Scie. | 8020 |
| P17 2 575 - 57.8 | | 455 | 8010 | |
| P17 3 699-70.1 | | yes | 6010 " | §c2c |
| DIESL TANK 1.3-4.5 | | 763 | TPH | |
| DIEST TANK 78-29 | | YES | TPH | |
| PIT 3 BH-Z 25.4-25. | | AES | 8010-80 | |
| PIT 3 BH-1 347-30 | | ARI | 8010 - 8 | |
| Relinquished By FAR | L CHANLEY - T | WPLC | | |
| Relinquished To red | | | | Date 7.22.91 |
| - • | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date |
| - | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date |
| Pelinguished By | | | | Date |
| Relinquished ByRelinquished By | | | | Date |
| retindatated by | | | | Dace |
| U | GAI LAB | | | Date 1/23/91 |
| * MAIL RESULTS TO : L | ARRY CAMPBE | LL | (5 | 505-125-8022) |

Roswell IV.M. 88202-1717

| Z.J.DD | ULKY | |
|--------|------|--|
| | | |

ALALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

WORK ID STATION #9

TRANS FED X TYPE SOIL

TAKEN

P.O. #

Page 1

REPORT Received: 07/24/91 07/31/91 14:20:37

7799

Work Order # 91-07-276

| | ENRON/TRANSWESTERN PIPELINE 6381 N. MAIN STREET P.O. BOX 1717 | | Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109 | Syed Rizi |
|----------|---------------------------------------------------------------|-------|------------------------------------------------------------------|-----------------------------------|
| ATTEN | ROSWELL, NM 88202-1717
LARRY CAMPBELL | | | CERTIFIED BY CONTACT LAB MANAGER |
| CLIENT | ENRO3 SAMPLES 6 | FHONE | (303)343 0304 | |
| COMPANY | ENRON/TRANSWESTERN PIPELINE | QU1 | ESTIONS ABOUT THIS REPORT SHOU | LD BE ADDRESSED TO: |
| FACILITY | ROSWELL, NEW MEXICO | | LABORATORY OPERATIONS MANAGER | /ASSAIGAI ANALYTICAL |
| | ENRO3 | | 7300 JEFFERSON N.E., ALBUQUER | |

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

| 01 | SG | 91 | 28.6 | _ | 28.8 | |
|----|----|----|------|---|------|--|
| | | | | | 13.7 | |
| 03 | SG | 86 | 18.7 | _ | 18.9 | |
| | | | | | 25.1 | |
| | | | | | 35.2 | |
| | | | | | 40.7 | |
| | | | | | | |

INVOICE under separate cover

8010 S PURGEABLE HALOCARBONS-SOIL AROMATIC VOLATILE ORGANICS 8020



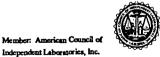
REPORT Results by Sample

Page 2 Received: 07/24/91

SAMPLE ID **SG 91 28.6 - 28.8**

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL FRACTION 01A Date & Time Collected not specified Category \_

| PARAMETER | RESULT | LIMIT |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 | $\begin{array}{c} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\$ |
| METHYLENE CHLORIDE
1,1,1-TRICHLOROETHANE | <0.1
<0.1 | 0.1
0.1 |
| 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE | <0.1
<0.1
<0.1
<0.1 | |
| VINYL CHLORIDE | <0.1 | 0.1 |



| INUINCORT |
 | |
|------------------------|-------|--|
| ********************** |
A | |

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-276 Continued From Above

| SAMPLE | ID | SG | 91 | 28.6 | - 28.8 | |
|--------|----|----|----|------|--------|--|
| | | | | | | |

FRACTION <u>01A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

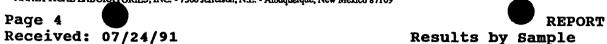
UNITS MG/KG



| TADD/ALGUAT | _ |
|-------------|---|

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ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-276

SAMPLE ID SG 91 28.6 - 28.8

TEST CODE 8020 NAME AROMATIC VOLATILE ORGANICS FRACTION 01A Date & Time Collected not specified Category \_\_\_\_\_

| PARAMETER | RESULT | DET LIMIT |
|---------------------|--------|-----------|
| BENZENE | <0,1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 07/30/91 DATE RUN 07/30/91 ANALYST D/R MG/KG UNITS



ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-276

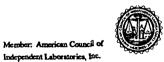
SAMPLE ID 8G 86 13.5 - 13.7

Received: 07/24/91

Page 5

FRACTION <u>02A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | | $\begin{array}{c} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\$ |
| 1,1,2,2-TETRACHLOROETHANE
trans-1,3-DICHLOROPROPENE
METHYLENE CHLORIDE | $ \begin{array}{r} $ | |
| 1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE
TETRACHLOROETHENE
TRICHLOROFLUOROMETHANE
TRICHLOROETHENE | $ \begin{array}{r} 0.24 \\ < 0.1 \\ \hline 1.9 \\ < 0.1 \end{array} $ | 0.1
0.1
0.1
0.1 |
| VINYL CHLORIDE | <0.1
<0.1 | $\begin{array}{r} \underline{} \\ \underline{} \\ \underline{} \end{array}$ |



| HOGEN | r /\ 1 | |
|------------------|----------------------------------|---------------------------------|
| ANALYTICAL LABOR | VES, INC. • 7300 Jefferson, N.E. | • Albuquerque, New Mexico 87109 |

REPORT

Work Order # 91-07-276 Continued From Above

| P | age | 6 | | |
|---|-----|-------|--------|----|
| R | ece | ived: | 07/24/ | Q. |

Results by Sample

SAMPLE ID SG 86 13.5 - 13.7 FRACTION O2A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category \_\_\_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-276 Continued From Above

| SAMPLE | ID | SG | 86 | 18.7 | _ | 18.9 |
|--------|----|----|----|---------|---|------|
| | | | | | | |

FRACTION 03A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category \_\_\_\_\_\_

Notes and Definitions for this Report:

 EXTRACTED
 07/30/91

 DATE RUN
 07/30/91

 ANALYST
 D/R

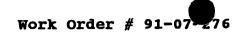
 UNITS
 MG/KG



ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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REPORT Results by Sample



SAMPLE ID SG 86 24.9 - 25.1

FRACTION 04A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|---------------------------------------------------|----------------------|-----------------------------------------------------------------------------|
| BROMODICHLOROMETHANE
BROMOFORM
BROMOMETHANE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| CARBON TETRACHLORIDE
CHLOROBENZENE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM 2-CHLOROETHYL VINYL ETHER | $\frac{<0.1}{<0.1}$ | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE | <0.1
<0.1 | $\begin{array}{c} 0.1 \\ \hline 0.1 \end{array}$ |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE | <0.1
<0.1 | $\frac{0.1}{0.1}$ |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE | $\frac{<0.1}{<0.1}$ | $\begin{array}{r} \phantom{00000000000000000000000000000000000$ |
| cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | <0.1
<0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE TRICHLOROFLUOROMETHANE | <0.1
<0.1 | $\begin{array}{r} \underline{} \\ \underline{} \\ \underline{} \end{array}$ |
| TRICHLOROETHENE VINYL CHLORIDE | <0.1 | 0.1 |
| VINIL CHLOKIDE | <0.1 | 0.1 |



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Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-216 Continued From Above

SAMPLE ID SG 86 24.9 - 25.1

FRACTION <u>04A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG



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Work Order # 91-07-2/6

SAMPLE ID 8G 86 35.0 - 35.2

FRACTION <u>05A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | $\begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array}$ | $\begin{array}{r} 0.1 \\ 0.1 \\ \hline 0.1 \\ 0.1 \\ \hline \end{array}$ |



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Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-276 Continued From Above

| SAMPL | E TD | SG | 86 | 35.0 | _ | 35.2 | , |
|--------|----------|----|----|------|---|--------|---|
| omir n | <u> </u> | 20 | OU | 33.0 | _ | 33 . Z | |

FRACTION 05A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected not specified Category \_\_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG

.

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Received: 07/24/91

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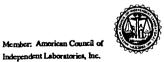
REPORT Results by Sample

Work Order # 91-07-276

SAMPLE ID 8G 86 40.5 - 40.7

TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL FRACTION 06A Date & Time Collected not specified Category

| BROMODICHLOROMETHANE <0.1 | PARAMETER | RESULT | LIMIT |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 1,2-DICHLOROETHANE <0.1 | BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE | $\begin{array}{r} <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\$ | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| TRICHLOROF LUCKOMETHANE CU.I U.I | 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE | <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |



| COLLY | TIT. | 1 |
|-------|------|---|

ANALYTICAI, LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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Received: 07/24/91

REPORT Results by Sample

Work Order # 91-07-276 Continued From Above

| SAMPLE | TD | SG | 86 | 40.5 | - | 40.7 | |
|------------|-------------|----|----|------|---|------|--|
| outile Tip | $\perp \nu$ | 69 | 00 | 40.5 | | 40./ | |

FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 07/30/91

DATE RUN 07/30/91

ANALYST D/R

UNITS MG/KG

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109



Work Order # 91-07-276

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Received: 07/24/91

Results by Sample

FRACTION 06A NAME AROMATIC VOLATILE ORGANICS SAMPLE ID SG 86 40.5 - 40.7 TEST CODE 8020 Date & Time Collected not specified Category

| PARAMETER | RESULT | DET LIMIT |
|---------------------|-----------------|-----------|
| BENZENE | <u> <0.1</u> | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 07/30/91 07/30/91 DATE RUN ANALYST D/R MG/KG UNITS



TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | | | | Date: 7-2. | 3-91 |
|----------------------------------------|-------------------------------|--------------|-----------------|----------------|---------------|
| Sample Location
Valve or Receiver N | | | llect.
Flush | Sampl | er |
| \$7A710N 9 | | | | METRIC (| 20.8.9. |
| | | | | | |
| SAMPLE ID NUMBER | | LVENT
SED | SAMPLE
ICED | ANALY | SES REQUESTED |
| 36 91 28.6-28.8 | | | Ye s | | F02c |
| SG 86 13.5:13.7 | | | yë s | 8010 | |
| SG 86 18.7-18.9 | | | YES | 5(28 | |
| S G 86 24.9 - 25.1 | | | AR C | <u> </u> | |
| SG86 40.5 · 40.7 | | | YES | 8616 | 8020 |
| 36 36 Pa.S - 16.7 | | | | 3018 | 3 C Z II |
| | | | | | |
| | | | | | |
| | | | | | |
| Relinquished By FAR | CHA | N1 67 / TV | vPiC. | | Date7-23-6/ |
| Relinquished To FE |) <u>-</u> Y | | ····· | | Date 7-23-91 |
| Polinguished By | | | | | Date |
| Relinquished ByRelinquished To | | | | | Date |
| Kerrindaraned 10 | | | | | Date |
| Relinquished By | | | | | Date |
| Relinquished To | - , -, | | | | Date |
| | | | | | |
| Relinquished By | | | | | Date |
| Relinquished By | | | _ | | Date |
| Laboratory: 05: | Sarg | ar Loss | >S | | Date 7/24/91 |
| 0. | C_{\parallel} | | | | |
| * MAIL RESULTS TO | . LAR | RRY CAMP | BELL | (<i>5</i> 0 S | -625-8022) |

13.0. Box 1717

ROSWELL N.M. 882.2-1717



WORK ORDER 7799

| HAZARDOUS NON-HAZARDOUS | | ESTIMATED COST | | COST |
|----------------------------------------|----------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|------------------------------|
| CUSTOMER P.O. NUMBER | P.O. NUMBER TIME RECEIVED | | DUE DATE/ / | |
| 9.25 | | 8/7 | /1/ | |
| | ACCOUNT IN | | | |
| CUSTOMER'S NAME LE NICHTEHAS AUCSTEIN) | | | ONTACT | CAN PROCK |
| ADDRESS | | PI | HONE NUMB | |
| CITY / STATE / ZIP | | | | |
| PARTY RESPONSIBLE | FOR PAYMENT IF C | THER THAN ABOV | 'E | ACCOUNT STATUS |
| NAME | | CONTACT | | |
| ADDRESS | - | PHONE NUMBER | _ | PAYMENT REC'D. OPEN ACCOUNT |
| CITY / STATE / ZIP | | | | CHECK NUMBER |
| SPECIAL BILLING INSTRUCTIONS | | | U | |
| | SAMPLE INF | ORMATION | | |
| TYPE OF SAMPLE NO. OF SAMPLES *TU | RN AROUND TIME | SAMPLE IDENTI | FICATION A | ND / OR SAMPLE SITE |
| SOIL RI OIL NO. OF CONTAINERS EN | EGULAR (10 WKG DAYS) JSH (3 DAYS) MERGENCY (STAT) SUBJECT TO WORK LOG) SIGNA | TURE | | DATE |
| | . & . \ | · · · · · · · · · · · · · · · · · · · | | 7/54/91 |
| | ANALYSIS | REQUEST | | / |
| WORK DESCRIPTION | | | · · · · · · · · · · · · · · · · · · · | |
| 30-10 | 6020 | | | |
| | | | | |
| | | | | |
| | | | | |
| SECIAL INSTRUCTIONS | | | | |
| | , | | | |
| BILLING: PICKUP MAIL | T | LOGGED IN BY | | |

REPORT

Work Order # 91-07-330

08/09/91 10:27:50

REPORT ENRON/TRANSWESTERN PIPELINE PREPARED Assaigai Analytical Labs TO 6381 N. MAIN STREET BY 7300 Jefferson NE P.O. BOX 1717 Albuquerque, NM 87109 ROSWELL, NM 88202-1717 ATTEN LARRY CAMPBELL ATTEN SYED RIZVI CONTACT LAB MANAGER PHONE (505)345-8964 CLIENT ENRO3 SAMPLES 22 COMPANY ENRON/TRANSWESTERN PIPELINE OUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: FACILITY ROSWELL. NEW MEXICO LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL ENRO3 7300 JEFFERSON N.E. ALBUOUEROUE, N.M. 87109 WORK ID STATION 9-0.S. YARD 7848

TRANS FEDERAL EXPRESS

TYPE SOIL

P.O. #

INVOICE under separate cover

SAMPLE IDENTIFICATION

Received: 07/30/91

TAKEN 7/29/91

TEST CODES and NAMES used on this workorder

| SAMPLI | E IDENTIFICATION |
|--------|-------------------------------------------------------------------------------|
| OSBH3 | |
| SG349 | 0-1.8 |
| SG349 | 2.9-4.6 |
| SG349 | 9.0-10.0 |
| SG349 | 14.0-14.8 |
| SG349 | 20.3-21.3 |
| SG349 | 25.3-26.3 |
| SG349 | 29.7-30.4 |
| SG360 | 0.0-2.5 |
| SG360 | 4.0-5.0 |
| SG360 | 9.0-9.9 |
| SG360 | 14.0-14.7 |
| SG360 | 19.0-20.0 |
| SG360 | 24.0-25.0 |
| SG360 | 29.0-29.4 |
| | OSBH3 SG349 SG349 SG349 SG349 SG349 SG349 SG360 SG360 SG360 SG360 SG360 SG360 |

8010 S PURGEABLE HALOCARBONS-SOIL 8020 AROMATIC VOLATILE ORGANICS



Aember: American Council of adependent Laboratories, Inc.



08/09/91 10:27:50

Work Order # 91-07-330

Page 2 Received: 07/30/91

SAMPLE IDENTIFICATION

| <u> 16</u> | SG361 | 0-2.5 |
|------------|-------|-----------|
| <u>17</u> | SG361 | 4.0-5.0 |
| <u>18</u> | SG361 | 9.0-10.0 |
| <u> 19</u> | SG361 | 16.0-16.4 |
| 20 | SG361 | 19.5-19.8 |
| 21 | SG361 | 24.0-25.0 |
| 22 | SG361 | 38.9-39.3 |



REPORT

Work Order # 91-07-330

Results by Sample

SAMPLE ID OSBH3

Received: 07/30/91

Page 3

FRACTION <u>01A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE | $\begin{array}{c} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0$ | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE | <0.1
<0.1
<0.1 | 0.1
0.1
0.1 |
| 1,1-DICHLOROETHENE
trans-1,2-DICHLOROETHENE
1,2-DICHLOROPROPANE | <0.1
<0.1
<0.1 | 0.1 |
| cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | <0.1
<0.1
<0.1 | $ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $ |
| METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE | $ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $ | $\begin{array}{r} & 0.1 \\ \hline & 0.1 \\ \hline & 0.1 \\ \hline & 0.1 \\ \hline & 0.1 \end{array}$ |
| TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1 | $ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \end{array} $ |



| ASSAH | <u> </u> |
|-------------------|----------------------------------------------------------------|
| ANALŶTICAL LABORA | S, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |

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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE ID OSBH3 | |
|-----------------|--|
|-----------------|--|

FRACTION <u>01A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



REPORT

Work Order # 91-07-330

Results by Sample

SAMPLE ID OSBH3

Received: 07/30/91

Page 5

FRACTION <u>01A</u> TEST CODE <u>8020</u> NAME <u>AROMATIC VOLATILE ORGANICS</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | DET LIMIT |
|-------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| BENZENE CHLOROBENZENE 1,4-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,2-DICHLOROBENZENE ETHYL BENZENE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline \end{array}$ |
| TOLUENE | <0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG





Work Order # 91-07-330

Results by Sample

Received: 07/30/91

SAMPLE ID 8G349 0-1.8

Page 6

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 02A Date & Time Collected 07/29/91 Category \_

| PARAMETER | RESULT | LIMIT |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE | $ \begin{array}{r} $ | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \end{array}$ |
| CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE | <0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE | <0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \end{array}$ |
| 1,1-DICHLOROETHENE
trans-1,2-DICHLOROETHENE
1,2-DICHLOROPROPANE
cis-1,3-DICHLOROPROPENE | <0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array}$ |
| 1,1,2,2-TETRACHLOROETHANE
trans-1,3-DICHLOROPROPENE
METHYLENE CHLORIDE
1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE
TETRACHLOROETHENE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline \end{array}$ |
| TRICHLOROFLUOROMETHANE
TRICHLOROETHENE
VINYL CHLORIDE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |



| ASSAI | Z A I |
|-------------------|----------------------------------------------------------------|
| | *************************************** |
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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| A | 4PL | E | ID | 8G3 | 49 | 0- | 1. | 8 |
|---|-----|---|----|-----|----|----|----|---|
|---|-----|---|----|-----|----|----|----|---|

FRACTION <u>02A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G349 2.9-4.6

Received: 07/30/91

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FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category

| PARAMETER | RESULT | LIMIT |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE 1,1-DICHLOROETHENE 1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE | | $\begin{array}{c} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\$ |
| cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | $\frac{<0.1}{<0.1}$ | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE
TETRACHLOROETHENE | <0.1
<0.1 | $\begin{array}{c} \phantom{0.0000000000000000000000000000000000$ |
| TRICHLOROFLUOROMETHANE | <u> <0.1</u> | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



| ASSAI | <u> </u> |
|-------------------|----------------------------------------------------------------|
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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| AMPLE | TD | 86349 | 2 - | 9-4 | 6 |
|---------|----|-------|-----|-----------|---|
| WIT TIE | TU | 00343 | ~ • | , J – 4 . | |

FRACTION 03A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G349 9.0-10.0

Received: 07/30/91

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FRACTION <u>04A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE | <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 | $\begin{array}{c} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\$ |
| 1,1,2,2-TETRACHLOROETHANE
trans-1,3-DICHLOROPROPENE
METHYLENE CHLORIDE | <0.1
<0.1
<0.1 | $\begin{array}{r} \underline{0.1} \\ \underline{0.1} \\ 0.1 \end{array}$ |
| 1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE
TETRACHLOROETHENE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| TRICHLOROFLUOROMETHANE
TRICHLOROETHENE
VINYL CHLORIDE | <0.1
<0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |



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|--------------------|---------------------------------------------------------------|
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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE | ID | 8G349 9.0-10.0 | FRACTION | | | | <u>8010_8</u> | NAME | |
|--------|----|----------------|-----------|---------|--------|-------|---------------|------|-----|
| | | | Data c mi | ma Cal' | 1 ~~+~ | 3 A7/ | 00/01 | | C a |

E PURGEABLE HALOCARBONS-SOIL
Category

Notes and Definitions for this Report:

EXTRACTED 08/05/91
DATE RUN 08/05/91

ANALYST D/R
UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G349 14.0-14.8

Received: 07/30/91

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FRACTION <u>05A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|----------------|-------|
| BROMODICHLOROMETHANE | <0.1 | 0.1 |
| BROMOFORM | <0.1 | 0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <u><0.1</u> | 0.1 |
| CHLOROFORM | <u><0.1</u> | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <u><0.1</u> | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <u><0.1</u> | 0.1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <u><0.1</u> | 0.1 |
| 1,2-DICHLOROPROPANE | <u><0.1</u> | |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <u><0.1</u> | 0.1 |
| trans-1,3-DICHLOROPROPENE | <u><0.1</u> | 0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0,1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <u><0.1</u> | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G349 14.0-14.8

FRACTION 05A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG

tember: American Council of adependent Laboratories, Inc.

Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G349 20.3-21.3 FRACTION 06A TEST CODE 8010 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|-------|
| BROMODICHLOROMETHANE | <u> <0.1</u> | 0.1 |
| BROMOFORM | <0.1 | 0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE | TD | 96240 | 20 | 2-21 | 2 |
|--------|-----|-------|-----|---------|-----|
| DAMPLE | ΤIJ | 05347 | ZU, | , 3-ZI, | . 3 |

FRACTION <u>06A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID **8G349 25.3-26.3**

Received: 07/30/91

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FRACTION 07A TEST CODE 8010\_8 NAME PURGEABLE HALOCARBONS-80IL Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|--------------------------------------------------------|-------------------------|--------------------------------------------------------------------|
| BROMODICHLOROMETHANE
BROMOFORM
BROMOMETHANE | <0.1
<0.1
<0.1 | 0.1 |
| CARBON TETRACHLORIDE
CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROBENZENE
CHLOROETHANE | <0.1
<0.1 | $\begin{array}{r} \phantom{00000000000000000000000000000000000$ |
| CHLOROFORM 2-CHLOROETHYL VINYL ETHER | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| CHLOROMETHANE | $\frac{30.1}{40.1}$ | |
| DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE | $\frac{<0.1}{<0.1}$ | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE | <0.1
<0.1 | |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE | <0.1
<0.1 | $\begin{array}{r} \phantom{0.0000000000000000000000000000000000$ |
| trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE | <0.1 | |
| cis-1,3-DICHLOROPROPENE | <0.1
<0.1 | $\begin{array}{r} \phantom{00000000000000000000000000000000000$ |
| 1,1,2,2-TETRACHLOROETHANE
trans-1,3-DICHLOROPROPENE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| METHYLENE CHLORIDE | $\frac{30.1}{40.1}$ | 0.1 |
| 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE | <0.1
<0.1 | $\begin{array}{r} \underline{} \\ \underline{} \\ 0.1 \end{array}$ |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE TRICHLOROETHENE | <u> <0.1</u>
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| VINYL CHLORIDE | <0.1 | 0.1 |



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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| AMPLE | ID | 8G349 | 25. | 3-26 | . 3 |
|-------|----|-------|-----|------|-----|
| | | | | | • • |

FRACTION <u>07A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-801L</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG

tember: American Council of stependent Laboratories, Inc.

SAMPLE ID 8G349 29.7-30.4

Received: 07/30/91 Results

Work Order # 91-07-330

Results by Sample

REPORT

FRACTION <u>08A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>

Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|-----------------------------------------|
| BROMODICHLOROMETHANE | <0.1 | |
| BROMOFORM | <0.1 | |
| BROMOMETHANE | <0.1 | |
| CARBON TETRACHLORIDE | <0.1 | *************************************** |
| CHLOROBENZENE | <u> <0.1</u> | |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | |
| 2-CHLOROETHYL VINYL ETHER | <u> <0.1</u> | |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | |
| 1,2-DICHLOROBENZENE | <0.1 | |
| 1,3-DICHLOROBENZENE | <0.1 | |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | |
| 1,1,2-TRICHLOROETHANE | <0.1 | |
| TETRACHLOROETHENE | <0.1 | |
| TRICHLOROFLUOROMETHANE | <0.1 | |
| TRICHLOROETHENE | <0.1 | |
| VINYL CHLORIDE | <0.1 | 0.1 |
| | | |



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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE | TD | 86349 | 29 | 7-30 | 4 |
|------------|----|-------|-----|--------|-----|
| DULL TITLE | 10 | DG343 | 67. | ,,-30, | . 3 |

FRACTION <u>08A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID **8G349 29.7-30.4**

Received: 07/30/91

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FRACTION <u>08A</u> TEST CODE <u>8020</u> NAME <u>AROMATIC VOLATILE ORGANICS</u>
Date & Time Collected <u>07/29/91</u> Category \_\_\_\_\_

| PARAMETER | RESULT | DET LIMIT |
|---------------------|-----------------|-----------|
| BENZENE | <0.1 | 0.1 |
| CHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| ETHYL BENZENE | <0.1 | 0.1 |
| TOLUENE | _<0.1 | 0.1 |
| XYLENES | <0.1 | 0.1 |

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G360 0.0-2.5

Received: 07/30/91

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FRACTION 09A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|--------------------------------------------------------|---------------------------------------------------|-------------------|
| BROMODICHLOROMETHANE
BROMOFORM | <0.1
<0.1 | |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | <u> </u> |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | |
| CHLOROMETHANE | <0.1 | |
| DIBROMOCHLOROMETHANE | <u> <0.1</u> | |
| 1,2-DICHLOROBENZENE | <u> <0.1</u> | |
| 1,3-DICHLOROBENZENE | <0.1 | |
| 1,4-DICHLOROBENZENE | <0.1 | |
| DICHLORODIFLUOROMETHANE | <u> <0.1</u> | |
| 1,1-DICHLOROETHANE | <u> <0.1</u> | |
| 1,2-DICHLOROETHANE | <0.1 | |
| 1,1-DICHLOROETHENE | <0.1 | |
| trans-1,2-DICHLOROETHENE | <0.1 | |
| 1,2-DICHLOROPROPANE | <0.1 | |
| cis-1,3-DICHLOROPROPENE | <0.1 | |
| 1,1,2,2-TETRACHLOROETHANE
trans-1,3-DICHLOROPROPENE | <0.1 | |
| METHYLENE CHLORIDE | $\frac{<0.1}{<0.1}$ | |
| 1,1,1-TRICHLOROETHANE | $\frac{\langle 0.1 \rangle}{\langle 0.1 \rangle}$ | |
| 1,1,2-TRICHLOROETHANE | <0.1 | |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | $\frac{30.1}{40.1}$ | 0.1 |
| TRICHLOROETHENE | <0.1 | |
| VINYL CHLORIDE | $\frac{-\sqrt{0.1}}{\sqrt{0.1}}$ | $\frac{0.1}{0.1}$ |
| · | <u>~~</u> | <u></u> |



ASSAICA ANALYTICAL LABORAT S, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE | TD | 8G360 | 0. | 0-2- | 5 |
|--------|----|-------|-----|-------|---|
| | 4- | | ~ • | ~ ~ . | _ |

FRACTION 09A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91

DATE RUN 08/05/91

ANALYST D/R

UNITS MG/KG



ember: American Council of iependent Laboratories, Inc.

Work Order # 91-07-330

Results by Sample

SAMPLE ID <u>8G360 4.0-5.0</u>

Received: 07/30/91

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FRACTION 10A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_



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|--------------------|---------------------------------------------------------------|
| ANALYTICAL LABORAT | , INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |

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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| AMPLE | ID | BG360 | 4 | . 0 | -5 | . 0 |
|-------|----|--------------|---|-----|----|-----|
|-------|----|--------------|---|-----|----|-----|

FRACTION 10A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91
DATE RUN 08/05/91
ANALYST D/R
UNITS MG/KG





Work Order # 91-07-330

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Results by Sample

SAMPLE ID 8G360 9.0-9.9

FRACTION 11A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|-------|
| BROMODICHLOROMETHANE | <0.1 | 0.1 |
| BROMOFORM | <0.1 | 0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <u> <0.1</u> | 0.1 |
| CHLOROBENZENE | <u> <0.1</u> | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <u> <0.1</u> | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <u><0,1</u> | |
| 1,2-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,3-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <u> <0.1</u> | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <u> <0.1</u> | 0,1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <u> <0.1</u> | 0.1 |
| 1,2-DICHLOROPROPANE | <u> <0.1</u> | |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0,1 |
| METHYLENE CHLORIDE | <u> <0.1</u> | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | |
| 1,1,2-TRICHLOROETHANE | <0.1 | |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <u> <0.1</u> | 0.1 |
| TRICHLOROETHENE | <u> <0.1</u> | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



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|-----------------------|---------------------------------------------------|
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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE | ID | 8G360 | 9, | 0-9. | . 9 |
|--------|----|-------|----|------|-----|
|--------|----|-------|----|------|-----|

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FRACTION 11A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/05/91 DATE RUN 08/05/91 ANALYST D/R UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G360 14.0-14.7

Received: 07/30/91

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FRACTION 12A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-----------------------------------------|-----------------|-------------|
| BROMODICHLOROMETHANE | <0.1 | |
| BROMOFORM | <0.1 | |
| BROMOMETHANE | <u> <0.1</u> | |
| CARBON TETRACHLORIDE | <u> <0.1</u> | |
| CHLOROBENZENE | <u> <0.1</u> | 0.1 |
| CHLOROETHANE | <u> <0.1</u> | 0.1 |
| CHLOROFORM | <u> <0.1</u> | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <u><0.1</u> | 0.1 |
| CHLOROMETHANE | <u><0.1</u> | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| DICHLORODIFLUOROMETHANE | <0,1 | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |
| · · · · - — · · · · · · · · · · · · · · | | |



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REPORT

Work Order # 91-07-550 Continued From Above

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Results by Sample

| NAME | PURGEABLE | HALOCARBONS-SOIL |
|------|-----------|------------------|

SAMPLE ID 8G360 14.0-14.7

FRACTION 12A TEST CODE 8010 8 Date & Time Collected 07/29/91 Category

Notes and Definitions for this Report:

EXTRACTED 08/06/91 DATE RUN 08/06/91 ANALYST D/R UNITS MG/KG





Work Order # 91-07-

Results by Sample

SAMPLE ID 8G360 19.0-20.0

Received: 07/30/91

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FRACTION 13A TEST CODE 8010\_8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE 1,2-DICHLOROPROPENE 1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE | Column | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| 1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE
TETRACHLOROETHENE
TRICHLOROFLUOROMETHANE
TRICHLOROETHENE | <0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1 |
| VINYL CHLORIDE | <u> <0.1</u> | 0.1 |



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REPORT

Work Order # 91-07 Continued From Above

| | _ | | | _ | | _ | _ | _ | | | _ | | |
|----|----|---|-----|---|---|---|---|---|---|---|---|---|---|
| Re | ce | ľ | ve: | ₫ | : | 0 | 7 | / | 3 | 0 | / | 9 | 1 |
| | | | | | | | | • | | | • | | |

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Results by Sample

| SAMPLE ID 8G360 19.0-20.0 | FRACTION 13A TEST | CODE 8010 8 | NAME PURGEABLE HALOCARBONS-SOIL |
|---------------------------|-----------------------|-------------|---------------------------------|
| | Date & Time Collected | | Category |

Notes and Definitions for this Report:

EXTRACTED 08/06/91 08/06/91 DATE RUN ANALYST D/R UNITS MG/KG



Work Order # 91-07-330

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Results by Sample

SAMPLE ID 8G360 24.0-25.0

FRACTION 14A TEST CODE 8010 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|-------------------|
| BROMODICHLOROMETHANE | <0.1 | 0.1 |
| BROMOFORM | <0.1 | |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0,1 | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,3-DICHLOROBENZENE | <u><0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE | <u> <0.1</u> | 0.1 |
| 1,2-DICHLOROETHANE | <u> <0.1</u> | 0.1 |
| 1,1-DICHLOROETHENE | <u> <0.1</u> | <u> </u> |
| trans-1,2-DICHLOROETHENE | <u> <0.1</u> | <u> </u> |
| 1,2-DICHLOROPROPANE | <u><0.1</u> | <u> </u> |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0,1 |
| TRICHLOROETHENE | <0.1 | $\frac{0.1}{0.1}$ |
| VINYL CHLORIDE | <0.1 | 0.1 |



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REPORT

Work Order # 91-07-330 Continued From Above

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7/30/91 Results by Sample

| SAMPLE ID 8G360 24.0-25.0 | |
|---------------------------|--|
|---------------------------|--|

FRACTION 14A TEST CODE 8010\_8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG





Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G360 29.0-29.4

Received: 07/30/91

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FRACTION 15A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE | Column | $\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$ |
| METHYLENE CHLORIDE
1,1,1-TRICHLOROETHANE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |
| 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1 |



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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE ID S C | 360 2 | 9.0-2 | 9.4 |
|----------------------|-------|-------|-----|
|----------------------|-------|-------|-----|

FRACTION 15A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G361 0-2.5

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TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 16A Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1
0.1 |
| VINYL CHLORIDE | <u> <0.1</u> | 0.1 |



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|-------------------|-----------------------------------------------------------------|
| | VAL. |
| ANALYTICAL LABORA | ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |

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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| S A | MPL | E | ID | 8G3 | 61 | 0-2 | . 5 |
|-----|-----|---|----|------------|----|-----|-----|
|-----|-----|---|----|------------|----|-----|-----|

| FRACTION 16A | TEST CODE 8010 | 8 NAME PURGEA | ABLE HALOCARBONS-SOIL |
|--------------|-------------------------|---------------|-----------------------|
| | llected <u>07/29/91</u> | | Category |

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG





Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G361 4.0-5.0

Received: 07/30/91

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FRACTION 17A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | $ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $ | $\begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ \end{array}$ |



| ASSAIG | Al |
|--------------------|-----------------------------------------------------------------|
| ANALYTICAL LABORAT | ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |

Work Order # 91-07-330 Continued From Above

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Received: 07/30/91

SAMPLE ID 8G361 4.0-5.0

Results by Sample

| FRACTION 17A | TEST CODE 8010 8 | NAME PURGEABLE HALOCARBONS-SOI |
|--------------|------------------|--------------------------------|
| | llected 07/29/91 | Category |

Notes and Definitions for this Report:

EXTRACTED 08/06/91

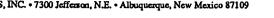
DATE RUN 08/06/91

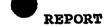
ANALYST D/R

UNITS MG/KG



viember: American Council of





Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G361 9.0-10.0

Received: 07/30/91

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FRACTION 18A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE trans-1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE | Column | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| | | |
| | | |



| ASSAIG | Α ! |
|--------|-----------------------------------------------------------------|
| | ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |
| | co, area - 1200 seriored, 1127 - Mondacrdre, 11cm Mexico 91103 |

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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE | ID | 8G361 | 9.0 | -10. | . 0 |
|--------|----|-------|-----|------|-----|
| | | | | | |

FRACTION 18A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



Work Order # 91-07-330

Page 41 Received: 07/30/91

Results by Sample

SAMPLE ID 8G361 16.0-16.4

FRACTION 19A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE | $\begin{array}{c} <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\$ | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| 1,1,2,2-TETRACHLOROETHANE
trans-1,3-DICHLOROPROPENE
METHYLENE CHLORIDE
1,1,1-TRICHLOROETHANE | <0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1 |
| 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1
<0.1
<0.1 | $ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array} $ |



| ASSA1 (| <u>`</u> |
|--------------------|-----------------------------------------------------------------|
| ANALYTICAL LABOR | |
| AIMEI HEAL LABOR | ES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |

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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| AMPLE | TD | BG361 | 16.0-16.4 | FR |
|-------|----|--------------|-----------|----|

FRACTION 19A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_

Notes and Definitions for this Report:

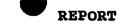
EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG





Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G361 19.5-19.8

Received: 07/30/91

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FRACTION 20A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE | $\begin{array}{c} <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\$ | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| 1,1-DICHLOROETHENE
trans-1,2-DICHLOROETHENE | $\begin{array}{r} & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & &$ | 0.1 |
| 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | <0.1
<0.1
<0.1 | |
| trans-1,3-DICHLOROPROPENE
METHYLENE CHLORIDE | <0.1
<0.1 | 0.1
0.1 |
| 1,1,1-TRICHLOROETHANE
1,1,2-TRICHLOROETHANE
TETRACHLOROETHENE | $\begin{array}{r} & <0.1 \\ \hline & <0.1 \\ \hline & <0.1 \end{array}$ | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |
| TRICHLOROFLUOROMETHANE
TRICHLOROETHENE
VINYL CHLORIDE | <0.1
<0.1
<0.1 | 0.1
0.1
0.1 |



| ASSAIGAI | |
|--------------------------------------------------------------------------------------|---|
| ANALYTICAL LABORATERIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 | , |

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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

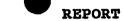
| | SAMPLE | ID | 8G361 | 19. | 5-19 | 9.8 |
|--|--------|----|--------------|-----|------|-----|
|--|--------|----|--------------|-----|------|-----|

TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 20A Date & Time Collected 07/29/91 Category \_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/06/91 08/06/91 DATE RUN ANALYST D/R MG/KG UNITS \_\_\_\_\_





Work Order # 91-07-330

Received: 07/30/91

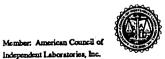
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Results by Sample

SAMPLE ID 8G361 24.0-25.0 FRACTION 3

FRACTION 21A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category

| PARAMETER | RESULT | LIMIT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE 1,2-DICHLOROPROPENE 1,2-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1
0.1 |
| TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \end{array}$ |



| / | G Cr | | UA. | | | | |
|-----|--------|---------|-------------|--------------------------|------------------|------------|-------|
| ANA | LYTICA | L LABOR | ATORIES, IN | C. • 7300 Jefferson, N.E | . • Albuquerque. | New Mexico | 87109 |

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REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

| SAMPLE ID <u>8G361 24.0-25.0</u> | SA | MPLE | ID | 8G361 | 24. | 0-2 | 5.0 |
|----------------------------------|----|------|----|--------------|-----|-----|-----|
|----------------------------------|----|------|----|--------------|-----|-----|-----|

FRACTION 21A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected 07/29/91 Category \_\_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG

Member: American Council of Independent Laboratories, Inc.

REPORT

Work Order # 91-07-330

Results by Sample

SAMPLE ID 8G361 38.9-39.3

Received: 07/30/91

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TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 22A Date & Time Collected 07/29/91 Category

| PARAMETER | RESULT | LIMIT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM | $ \begin{array}{r} <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \\ <0.1 \end{array} $ | $ \begin{array}{r} 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \\ 0.1 \end{array} $ |
| 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHENE | <pre></pre> | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |



| ASSAL | Α | · · · · · · · · · · · · · · · · · · · |
|-------|-----------|---------------------------------------------|
| | | erson, N.E. • Albuquerque, New Mexico 87109 |

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Received: 07/30/91

REPORT Results by Sample

Work Order # 91-07-330 Continued From Above

SAMPLE ID 8G361 38.9-39.3

FRACTION 22A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL
Date & Time Collected 07/29/91 Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/06/91

DATE RUN 08/06/91

ANALYST D/R

UNITS MG/KG



TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: ROSWELL | | | Date: | 7-29-91 |
|----------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|-----------------------|
| Sample Location
Valve or Receiver N | | ollect.
Flush | San | mpler |
| STATION 9 - 0.5 YARD | | | | 95.35 |
| | | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | <u>AN</u> | ALYSES REQUESTED |
| OSBH3 | | YEC | | 9020 |
| SG349 0-1.8 | | YES | 801: | |
| S G 349 2.9 - 4.6 | | YES | 8010 | 1,10 |
| SB349 9.0-10.0 | · · · · · · · · · · · · · · · · · · · | Yes | 8010 | |
| SG349 14.0-14.8 | | Yes | 8010 | |
| SG349 20.3-21.3 | | YES | Foio | |
| S6749 25.3-26.3 | | Y = 3 | 8010 | |
| SG345 29.7-30.4 | | YES | 8010 | 962 c |
| Se360 0.0 - 2.5. | | YES | 8010 | |
| SG36 4.0-5.0 | | Arc | 6110 | |
| SC 36c 9.c - 9.9 | | YES | 8010 | |
| Relinquished By FAR | CHAMIEY T | TWEL CO. | - | Date_ <u>7.29.9</u> (|
| Relinquished To Fro | -x | | | Date 7-29-91 |
| | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | ······································ | Date |
| | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date |
| | | · · · · · · · · · · · · · · · · · · · | | |
| Relinquished By | | | | Date |
| Relinquished By | | | | Date
Date |
| | | S-14 | | |
| Laboratory: As | SAISAI (| ABS
K | | Date 7/30/91 |

MAIL RESULTS To LARRY CAMPBELL (505-625-0022)

P. c. BC x 1717

RESWELL NIMER. 88202-1717

| THUILICE AT | | | | | |
|-------------------------------|------------------|-----|---------------|-----------|---------|
| 'ANALYTICAL LABORATORIES INC. | 7300 Iefferson 1 | NF. | A lbaramerone | Nam Maria | . 971 M |

REPORT

Work Order # 91-07-299

Page 1 Received: 07/26/91

TAKEN

P.O. # \_

TRANS FED X TYPE SOIL

08/05/91 09:26:18

| REPORT
TO | ENRON/TRANSWESTERN PIPELINE 6381 N. MAIN STREET P.O. BOX 1717 | PREPARED Assaigai Analytical Labs BY 7300 Jefferson NE Albuquerque, NM 87109 Syed Crim |
|--------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------|
| | ROSWELL, NM 88202-1717 | CERTIFIED BY |
| ATTEN | LARRY CAMPBELL | ATTEN SYED RIZVI PHONE (505)345-8964 CONTACT LAB MANAGER |
| CLIENT | ENRO3 SAMPLES 8 | |
| COMPANY | ENRON/TRANSWESTERN PIPELINE | QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: |
| | | LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL |
| | ENR03 | 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109 |
| WORK ID | STATION 9 7821 | |

SAMPLE IDENTIFICATION

INVOICE under separate cover

TEST CODES and NAMES used on this workorder

01 OSBH1 18.9 - 19.1 02 OSBH1 34.3 - 34.5 03 OSBH2 9.9 - 10.1 04 OSBH2 22.5 ~ 22.6 05 OSBH2 31.1 - 31.3 06 OSBH2 41.8 - 42.055.2 - 55.4 07 OSBH2\_ 69.0 - 69.208 OSBH2

8010 S PURGEABLE HALOCARBONS-SOIL





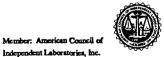
REPORT Results by Sample

Work Order # 91-07-299

SAMPLE ID **OSBH1** 18.9 - 19.1

FRACTION 01A TEST CODE 8010 S NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | <pre></pre> | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE | <0.1
<0.1 | $\begin{array}{r} \phantom{00000000000000000000000000000000000$ |
| 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TETRACHLOROETHENE TRICHLOROFLUOROMETHANE TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1
<0.1
<0.1
<0.1
<0.1 | 0.1
0.1
0.1
0.1 |
| ATUIL CHECKIDE | | |



| TAUDIALUIA | _ |
|--------------------------------------------------------------------------------------|----|
| 'ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 8710 |)9 |

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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-299 Continued From Above

| AMPLE ID | OSBH1 | 18.9 | _ | 19. | . 1 |
|----------|-------|------|---|-----|-----|
|----------|-------|------|---|-----|-----|

FRACTION <u>01A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/01/91

DATE RUN 08/01/91

ANALYST D/R

UNITS MG/KG



REPORT

Work Order # 91-07-299

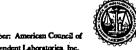
Page 4 Received: 07/26/91

Results by Sample

SAMPLE ID **OSBH1 34.3 - 34.5**

FRACTION 02A TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|-----------------------------------|-----------------|-------|
| BROMODICHLOROMETHANE
BROMOFORM | <0.1
<0.1 | |
| BROMOMETHANE | <0.1 | |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <u> <0.1</u> | |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <0.1 | |
| 1,1-DICHLOROETHENE | <u> <0.1</u> | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 |
| 1,2-DICHLOROPROPANE | <u><0.1</u> | 0.1 |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | |
| trans-1,3-DICHLOROPROPENE | <0.1 | |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <u> <0.1</u> | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



REPORT Results by Sample

Work Order # 91-07-299 Continued From Above

| SAMPLE | ID | OSBH1 | 34.3 | - 3 | 4.5 |
|--------|----|-------|------|-----|-----|

Received: 07/26/91

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FRACTION <u>02A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/01/91

DATE RUN 08/01/91

ANALYST D/R

UNITS MG/KG





Work Order # 91-07-299

SAMPLE ID OSBH2 9.9 - 10.1

Received: 07/26/91

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TEST CODE 8010 8 NAME PURGEABLE HALOCARBONS-SOIL FRACTION 03A Date & Time Collected not specified Category

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|-------|
| BROMODICHLOROMETHANE | <0.1 | 0.1 |
| BROMOFORM | <0.1 | 0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <u><0.1</u> | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 |
| cis-1,3-DICHLOROPROPENE | <0.1 | |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



| | TANDIALUM |
|---|------------------------------------------------------------|
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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-299 Continued From Above

SAMPLE ID OSBH2 9.9 - 10.1

FRACTION <u>03A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/01/91

DATE RUN 08/01/91

ANALYST D/R

UNITS MG/KG



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ANALYTICAL LABORATORIES. INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Received: 07/26/91

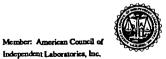
REPORT Results by Sample

Work Order # 91-07-299

SAMPLE ID OSBH2 22.5 - 22.6

FRACTION <u>04A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|----------|
| BROMODICHLOROMETHANE | <0.1 | |
| BROMOFORM | <u> <0.1</u> | |
| BROMOMETHANE | <u> <0.1</u> | 0.1 |
| CARBON TETRACHLORIDE | <u> <0.1</u> | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <0.1 | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | <u> </u> |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | <u> </u> |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 |
| 1,2-DICHLOROPROPANE | <0.1 | <u> </u> |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 |
| trans-1,3-DICHLOROPROPENE | <0.1 | <u> </u> |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |
| | | |



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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-299 Continued From Above

| SAMPLE | ID | OSBH2 | 22.5 | - 22. | 6 |
|--------|----|-------|------|-------|---|
| | | | | | |

FRACTION <u>04A</u> TEST CODE <u>8010 8</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

MG/KG

EXTRACTED 08/01/91
DATE RUN 08/01/91
ANALYST D/R

UNITS



Work Order # 91-07-299

SAMPLE ID <u>OSBH2 31.1 - 31.3</u>

FRACTION <u>05A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE CHLOROFORM 2-CHLOROETHYL VINYL ETHER CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHENE trans-1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE cis-1,3-DICHLOROPROPENE 1,1,2,2-TETRACHLOROETHANE | $\begin{array}{c} <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\ <0.1\\$ | 0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1 |
| trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE | $\frac{<0.1}{<0.1}$ <0.1 | 0.1 |
| TETRACHLOROETHENE TRICHLOROFLUOROMETHANE | $\frac{<0.1}{<0.1}$ | 0.1 |
| TRICHLOROETHENE VINYL CHLORIDE | <0.1
<0.1 | $\begin{array}{r} 0.1 \\ \hline 0.1 \\ \hline 0.1 \end{array}$ |



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|--------------------------------------------------------------------------------------|
| ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 |

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REPORT Results by Sample

Work Order # 91-07-299 Continued From Above

| SAMPLE | TD | OSBH2 | 31.1 | _ | 31. | 3 |
|--------|----|--------|------|---|-----|---|
| | | CODILE | | | | _ |

FRACTION <u>05A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/01/91
DATE RUN 08/01/91
ANALYST D/R
UNITS MG/KG



Member: American Council of Independent Laboratories, Inc.





SAMPLE ID **OSBH2** 41.8 - 42.0

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Received: 07/26/91

FRACTION <u>06A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_



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Received: 07/26/91



Work Order # 91-07-299

SAMPLE ID OSBH2 55.2 - 55.4

FRACTION <u>07A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|-------|
| BROMODICHLOROMETHANE | <0.1 | |
| BROMOFORM | <0.1 | 0.1 |
| BROMOMETHANE | <u> <0.1</u> | 0.1 |
| CARBON TETRACHLORIDE | <u> <0.1</u> | |
| CHLOROBENZENE | <u> <0.1</u> | 0.1 |
| CHLOROETHANE | <0.1 | |
| CHLOROFORM | <u><0.1</u> | |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <0.1 | |
| DIBROMOCHLOROMETHANE | <0.1 | |
| 1,2-DICHLOROBENZENE | <u> <0.1</u> | |
| 1,3-DICHLOROBENZENE | <u> <0.1</u> | 0.1 |
| 1,4-DICHLOROBENZENE | <u> <0.1</u> | |
| DICHLORODIFLUOROMETHANE | <u> <0.1</u> | |
| 1,1-DICHLOROETHANE | <u> <0.1</u> | |
| 1,2-DICHLOROETHANE | <0.1 | |
| 1,1-DICHLOROETHENE | <0.1 | |
| trans-1,2-DICHLOROETHENE | <u><0.1</u> | |
| 1,2-DICHLOROPROPANE | <u> <0.1</u> | |
| cis-1,3-DICHLOROPROPENE | <0.1 | |
| 1,1,2,2-TETRACHLOROETHANE | <u> <0.1</u> | |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 |
| METHYLENE CHLORIDE | <0.1 | |
| 1,1,1-TRICHLOROETHANE | <u> <0.1</u> | |
| 1,1,2-TRICHLOROETHANE | <u> <0.1</u> | |
| TETRACHLOROETHENE | <0.1 | |
| TRICHLOROFLUOROMETHANE | <0.1 | |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-299 Continued From Above

| SAMPLE | ID | OSBH2 | 55.2 | _ | 55.4 | |
|--------|----|-------|------|---|------|--|
|--------|----|-------|------|---|------|--|

FRACTION <u>07A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category

Notes and Definitions for this Report:

EXTRACTED 08/01/91

DATE RUN 08/01/91

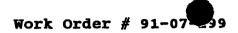
ANALYST D/R

UNITS MG/KG



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Received: 07/26/91

REPORT Results by Sample



SAMPLE ID OSBH2 69.0 - 69.2

FRACTION <u>08A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>

Date & Time Collected <u>not specified</u> Category \_\_\_\_\_\_

| PARAMETER | RESULT | LIMIT |
|---------------------------|-----------------|-------|
| BROMODICHLOROMETHANE | <0.1 | 0.1 |
| BROMOFORM | <0.1 | 0.1 |
| BROMOMETHANE | <0.1 | 0.1 |
| CARBON TETRACHLORIDE | <0.1 | 0.1 |
| CHLOROBENZENE | <0.1 | 0.1 |
| CHLOROETHANE | <0.1 | 0.1 |
| CHLOROFORM | <0.1 | 0.1 |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 |
| CHLOROMETHANE | <u> <0.1</u> | 0.1 |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 |
| 1,2-DICHLOROETHANE | <u> <0.1</u> | 0.1 |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 |
| trans-1,2-DICHLOROETHENE | <u> <0.1</u> | 0.1 |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 |
| cis-1,3-DICHLOROPROPENE | <u> <0.1</u> | 0.1 |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | |
| trans-1,3-DICHLOROPROPENE | <u> <0.1</u> | 0.1 |
| METHYLENE CHLORIDE | <0.1 | 0.1 |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 |
| TETRACHLOROETHENE | <0.1 | 0.1 |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 |
| TRICHLOROETHENE | <0.1 | 0.1 |
| VINYL CHLORIDE | <0.1 | 0.1 |



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Received: 07/26/91

REPORT Results by Sample

Work Order # 91-07-299 Continued From Above

SAMPLE ID OSBH2 69.0 - 69.2

FRACTION <u>08A</u> TEST CODE <u>8010 S</u> NAME <u>PURGEABLE HALOCARBONS-SOIL</u>
Date & Time Collected <u>not specified</u> Category \_\_\_\_\_

Notes and Definitions for this Report:

EXTRACTED 08/01/91

DATE RUN 08/01/91

ANALYST D/R

UNITS MG/KG

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | | | Date: 7-25-91 |
|----------------------------------------|------------------------------------------------|----------------------------------------------|--------------------|
| Sample Location
Valve or Receiver N | Vol. Co
To. During | | Sampler |
| STATION 9 | | | METRIC CORP. |
| | - | | |
| | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANALYSES REQUESTED |
| OS B H 1 18.9 - 17.1 | | YKS | 8010 |
| OSBH1 35.3-34.5 | | YES | 8010 |
| 058 H2 9.9-10.1 | | 7#5 | 8010 |
| OSBHZ 27.5-22.6 | | YES | 8010 |
| ASAHZ 31.1-31.3 | | YES | 8010 |
| 0.54-8.14 SHA 10 | | 745 | 8010 |
| 4.22-5.24 | | YES | 8010 |
| OCRH2 (9.0 . 69.2 | | AES | 8010 |
| | | | |
| Politicani alto de Processo | | <u>. </u> | |
| Relinquished By FAR | L CHANLEY / | TWPL CO. | Date 7.25.91 |
| Relinquished To FEC | <u>) - X </u> | | Date 7-25-91 |
| Palinguished By | | | Date |
| Relinquished ByRelinquished To | | | Date |
| Kerinquished 10 | | | Dace |
| Relinguished By | | | Date |
| Relinquished By
Relinquished To | | | Date |
| 1.0114110 | | | |
| Relinquished By | | | Date |
| Relinquished By | | | Date |
| | | | |
| Laboratory:Received: | | | Date |
| | | | |
| MAIL RESULTS To : | LARRY CAMPS | KLL | (505-625-1022) |

ROSWELL NM \$82.2-1717



WORK ORDER 7821

| _ | | | |
|-------------------------------------------|------------------------------------------------------------------------------|-------------------|--------------------------------------------|
| HAZARDOUS NON-H | AZARDOUS DATE RECEIVED | ESTIN | MATED COST |
| CUSTOMER P.O. NUMBER | TIME RECEIVED | DUE | PAG 19/9/ |
| | 930 | FORMATION | Ø/1021/11 |
| CUSTOMER'S NAME | ACCOUNT IN | FORMATION | ACT |
| Endor | | | Salvey- |
| ADDRESS | | PHON | E NUMBER |
| | | | .) |
| CITY / STATE / ZIP | L | | |
| PARTY RESP | ONSIBLE FOR PAYMENT IF | OTHER THAN ABOVE | ACCOUNT STATUS |
| NAME | | CONTACT | |
| ADDRESS | | PHONE NUMBER | PAYMENT REC'D. |
| AUDRESS | | FRONE NOWBER | OPEN ACCOUNT |
| CITY / STATE / ZIP | | | CASH |
| | | | GILLOK HOMBER |
| SPECIAL BILLING INSTRUCTION | IS | | |
| | SAMPLE INF | ORMATION | |
| TYPE OF SAMPLE NO. OF SAM | PLES *TURN AROUND TIME | SAMPLE IDENTIFICA | ATION AND / OR SAMPLE SITE |
| WATER SOIL OIL NO. OF CONTAI SLUDGE OTHER | REGULAR (10 WKG DAYS) RUSH (3 DAYS) EMERGENCY (STAT) *(SUBJECT TO WORK LOG) | Station 9 | |
| SAMPLE DELIVERED BY | SIGNA | ATURE | DATE / / / / / / / / / / / / / / / / / / / |
| | ANALYSIS | REQUEST | |
| WORK DESCRIPTION | 5070 | | |
| SPECIAL INSTRUCTIONS | | | |
| BILLING: PICKUP | MAIL | LOGGED IN BY | |

Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number:

Order #: 91-08-024 Date: 08/16/91 14:31

Work ID: STATION 9 - O.S. YARD 7885

Date Received: 08/02/91

Date Completed: 08/16/91

SAMPLE IDENTIFICATION

| Sample
Number | Sample
Description | Sample
Number | Sample
Description |
|------------------|-----------------------|------------------|-----------------------|
| 01 | OSBH3 44.1-44.3 | 02 | OSBH3 54.8 - 55.0 |
| 03 | OSBH4 27.5 - 27.7 | 04 | OSBH5 14.0 - 14.2 |
| 05 | OSBH5 19.6 - 19.9 | 06 | OSBH5 23.4 - 23.6 |
| 07 | OSBH6 13.6 - 13.8 | 08 | OSBH6 47.0 - 47.2 |
| 09 | OSBH6 52.6 - 52.8 | 10 | OSBH6 70.0 - 71.0 |
| 11 | OSBH7 22.1 - 22.3 | | |



Assaigai Analytical Labs

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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By SYED N. RIZVI



Assaigai Analytical Labs

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TEST RESULTS BY SAMPLE

Sample: 01A OSBH3 44.1-44.3 Collected:

| <u>Result</u> | <u>Limit</u> | <u> Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 0.1 | | | |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | • • | D/R |
| <0.1 | 0.1 | | | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | • • | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 | 0.1 <0.1 <0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 <0.1 0.1 | O.1 | 0.1 <0.1 0.1 MG/KG 08/14/91 <0.1 0.1 MG/KG 08/14/91 |



Assaigai Analytical Labs

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| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|------------------------|--------|--------------|--------------|-----------------|-----------|
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINVI, CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 02A OSBH3 54.8 - 55.0

Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



Order # 91-08-024 08/16/91 14:31

Assaigai Analytical Labs

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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | • • | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | • | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



Assaigai Analytical Labs

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Sample: 03A OSBH4 27.5 - 27.7

Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | • | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 04A OSBH5 14.0 - 14.2 Collected:

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u> Units</u> <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|-------------------------------|-----------|
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG 08/14/91 | |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG 08/14/91 | * . |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG 08/14/91 | • |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | • |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG 08/14/91 | • |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG 08/14/91 | D/R |



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Sample: 05A OSBH5 19.6 - 19.9

Collected:

| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u> Units</u> | <u>Analyzed</u> | <u>By</u> |
|------------------------|---------------|--------------|---------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

sample: 06A OSBH5 23.4 - 23.6

Collected:

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 | <pre><0.1 <0.1 <0.1</pre> | <0.1 | <0.1 |



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Sample: 07A OSBH6 13.6 - 13.8

Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Collected: Sample: 08A OSBH6 47.0 - 47.2

| Test Description | Res <u>ult</u> | <u>Limit</u> | Units | Analyzed | <u>By</u> |
|----------------------------|----------------|--------------|-------------|----------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 09A OSBH6 52.6 - 52.8

Collected:

| Test_Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | By |
|---------------------------|---------------|--------------|--------------|-----------------|-----|
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 10A OSBH6 70.0 - 71.0

Collected:

Test Description Result Limit Units Analyzed By AROMATIC VOLATILE ORGANICS 0.1





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| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | | D/R |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | • | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | - |





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| Test Description | Result | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|--------|--------------|--------------|-----------------|-----------|
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |

Sample: 11A OSBH7 22.1 - 22.3

Collected:

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |



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| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|-------|-----------------|-----------|
| BROMOMETHANE | <0.1 | 0.1 | | 08/14/91 | D/R |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | | 08/14/91 | D/R |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/14/91 | D/R |
| | | | | | |



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TEST METHODOLOGIES

8010 S = USEPA SW-846 METHOD # 8010

8020 = USEPA SW-846 METHOD # 8020



Member: American Council of Independent Laboratories, Inc.

TRANSWESTERN PIPELINE COMPANY

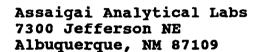
CHAIN OF CUSTODY

| District: Roswell | _ | | Date: 8. | 1-91 |
|------------------------------------------|----------------------|----------------|----------|---------------|
| Sample Location
Valve or Receiver No. | Vol. Col
During F | | Sampl | er |
| STATION 9-0.5. YARD | | | METRIC | CORF |
| —————————————————————————————————————— | | | | |
| • | | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANALY | SES REQUESTED |
| OSBH3 14.1-44.3 | USED | <u>765</u> | 8010 | |
| 05 B H3 51.8 - 55.0 | | YES | | 2020 |
| OSBH4 27.5.27.7 | | YES | | 1.2. |
| 958 HS 14.0 -14.2
9.91 - 3.91 | | 745 | • | |
| 058 H 5 19.6 -19.9 | | YES | 8010 | - |
| OLBH2 53.4.58.6 | | ARZ | | 802. |
| 9.EI - 3.E 3HB20 | | 7E2 | | |
| OSBHC +7.8 - 47.2 | | AE C | 8010 | |
| OCBHC 55.6 - 55.8 | | 487 | 8010 | |
| 058HC 70.6 · 71.0 | | Yes | | 8020 |
| 01 B H 1 | | 7-2 | 8010 - | 8050 |
| Relinquished By EARL | A 4444 47 - | - TWO: | c . | Date 8-1-91 |
| Relinquished To fro | GRAGE! | , | | Date 8-1-91 |
| | | | | 5.00 <u> </u> |
| Relinquished By | | | | Date |
| Relinquished To | | | | Date |
| | | | | |
| Relinquished By | | | | Date |
| Relinquished To | | | · | Date |
| | | | | |
| Relinquished By | | | | Date |
| Relinquished By | | | | Date |
| Laboratory: Ossau
Received: Cost | nai Labs. | | | Date 8/2/91 |



WORK ORDER 7885

| HAZARDOUS NON-HAZARDOUS | □HAZARDOUS □NON-HAZARDOUS □DATE BECEIVED | | ESTIMATED COST | | |
|-----------------------------------|------------------------------------------|----------------|----------------|---------------------------------------------|--|
| CUSTOMER P.O. NUMBER | TIME RECEIVED | | DUE DATE | 11 /2/ | |
| | 10:00 | FORMATION | | 16/41 | |
| CUSTOMER'S NAME/ | ACCOUNT IN | | ONTACT | | |
| Erwon/Iransweste. | سايار | | Lavi | (it my bell | |
| ADDRESS | | P | HONE NUME | BER / | |
| CITY / STATE / ZIP | | | | | |
| PARTY RESPONSIBLE I | OR PAYMENT IF C | THER THAN ABOV | /E | ACCOUNT STATUS | |
| NAME | | CONTACT | | | |
| ADDRESS | | PHONE NUMBER | | PAYMENT REC'D. | |
| AODITEGO | | THORE HOMBER | | OPEN ACCOUNT | |
| CITY / STATE / ZIP | | | | CHECK NUMBER | |
| SPECIAL BILLING INSTRUCTIONS | | | | | |
| | SAMPLE INF | ORMATION | | | |
| TYPE OF SAMPLE NO. OF SAMPLES *TU | RN AROUND TIME | SAMPLE IDENT | IFICATION A | ND / OR SAMPLE SITE | |
| | GULAR (10 WKG DAYS) | Station 9 | -0.5. | Yard. | |
| | ISH (3 DAYS)
IERGENCY (STAT) | | | | |
| OIL NO. OF CONTAINERS EM | iendenci (SIAI) | | | | |
| OTHER +(s | SUBJECT TO WORK LOG) | | | | |
| SAMPLE DELIVERED BY | SIGNA | TURE | | DATE () () () () () () () () () () () () () | |
| | ANALYSIS | REQUEST | | 70/ | |
| WORK DESCRIPTION | | | | | |
| WORK DESCRIPTION | | | | | |
| - 6/01/0 | | | | | |
| 3010 | | | | | |
| (1) (1) | | | | | |
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| | ************************************** | | | | |
| PROJAL INSTRUCTIONS | | | | | |
| SECIAL INSTRUCTIONS | | | | | |
| | | | | | |
| | Ti- | LOGGED IN BY | | | |
| BILLING: PICKUP MAIL | | | | | |



Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number:

Order #: 91-08-048

Date: 08/20/91 14:21

Work ID: STA 9 0.S.YARD

7908

Date Received: 08/06/91

Date Completed: 08/20/91

SAMPLE IDENTIFICATION

| Sample | | Sample | Sample | | Sample | |
|--------|-------|-------------|--------|-------|-------------|--|
| Number | | Description | Number | | Description | |
| 01 | OSBH7 | 33.5 - 33.7 | 02 | OSBH7 | 37.0 - 37.2 | |
| 03 | OSHB8 | 4.6 - 4.9 | 04 | OSBH8 | 33.9 - 34.1 | |
| 05 | OSBH8 | 49.7 - 49.9 | 06 | OSBH9 | 4.5 - 4.9 | |
| 07 | OSBH9 | 32.0 - 32.5 | 08 | OSBH9 | 49.5 - 49.7 | |





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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

> Certified By SYED N. RIZVI





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TEST RESULTS BY SAMPLE

Sample: 01A OSBH7 33.5 - 33.7 Collected:

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | - | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |





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| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|------------------------|---------------|--------------|--------------|-----------------|-----------|
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 02A OSBH7 37.0 - 37.2

Collected:

| Test Description AROMATIC VOLATILE ORGANICS | Result | <u>Limit</u>
0.1 | <u>Units</u> | Analyzed | <u>By</u> |
|---------------------------------------------|--------|---------------------|--------------|----------|-----------|
| BENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| ETHYL BENZENE | 0.19 | 0.1 | MG/KG | 08/15/91 | SR |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| XYLENES | 0.44 | 0.1 | MG/KG | 08/15/91 | SR |
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



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| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | 0.17 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



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Sample: 03A OSHB8 4.6 - 4.9

Collected:

| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u> Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|---------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |





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| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|-------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 04A Collected: OSBH8 33.9 - 34.1

| Test Description | <u>Result</u> | <u>Limit</u> | <u>Units</u> | Analyzed | By |
|----------------------------|---------------|--------------|--------------|----------|----|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | 0.12 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



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| <u>Test Description</u> | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|---------------------------|--------|--------------|--------------|-----------------|-----------|
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | 0.16 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 05A OSBH8 49.7 - 49.9

Collected:

| Mest Description | Dogwle | Limit | Units | Analyzed | <u>By</u> |
|----------------------------|---------------|-------|--------|----------|-----------|
| Test Description | <u>Result</u> | | Ollica | Analyzeu | <u>Dy</u> |
| AROMATIC VOLATILE ORGANICS | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| ETHYL BENZENE | 0.14 | 0.1 | MG/KG | 08/15/91 | SR |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| XYLENES | 0.3 | 0.1 | MG/KG | 08/15/91 | SR |





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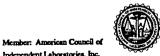
| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| | | | | | |

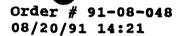


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Sample: 06A OSBH9 4.5 - 4.9 Collected:

| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|----------------------------|---------------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |





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| Test Description | Result | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|------------------------|--------|--------------|--------------|-----------------|-----------|
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 07A OSBH9 32.0 - 32.5 Collected:

| Test Description | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|----------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | NO INO | 00/15/01 | CD |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2~CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



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| <u>Test Description</u> | <u>Result</u> | <u>Limit</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|---------------------------|---------------|--------------|--------------|-----------------|-----------|
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |

Sample: 08A OSBH9 49.5 - 49.7

Collected:

| Test Description | Result | Limit | Units | Analyzed | By |
|----------------------------|--------|-------|--------|----------|----|
| AROMATIC VOLATILE ORGANICS | KESUIL | | OHILES | Analyzeu | DY |
| | | 0.1 | | | |
| BENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| ETHYL BENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TOLUENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| XYLENES | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |





| <u>Test Description</u> | Result | <u>Limit</u> | <u>Units</u> | Analyzed | <u>By</u> |
|----------------------------|--------|--------------|--------------|-----------------|-----------|
| PURGEABLE HALOCARBONS-SOIL | | 0.1 | | | |
| BROMODICHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| BROMOMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CARBON TETRACHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROETHANE | <0.1 | 0.1 | MG/KG. | 08/15/91 | SR |
| CHLOROFORM | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 2-CHLOROETHYL VINYL ETHER | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| CHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DIBROMOCHLOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,3-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,4-DICHLOROBENZENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| DICHLORODIFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,2-DICHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,2-DICHLOROPROPANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| cis-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2,2-TETRACHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| trans-1,3-DICHLOROPROPENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| METHYLENE CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,1-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| 1,1,2-TRICHLOROETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TETRACHLOROETHENE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROFLUOROMETHANE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |
| TRICHLOROETHENE | <0.1 | 0.1 | MG/KG | | SR |
| VINYL CHLORIDE | <0.1 | 0.1 | MG/KG | 08/15/91 | SR |



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ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

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TEST METHODOLOGIES

8010\_S = USEPA SW-846 METHOD # 8010

8020 = USEPA SW-846 METHOD # 8020



Member: American Council of Independent Laboratories, Inc.



WORK ORDER 7908

| □HAZARDOUS □NON-HAZARDOUS | DATE RECEIVED | | ESTIMATED COST | | |
|----------------------------------------------------|---------------------------------------------------------------------|---------------|-----------------|------------------------------------|--|
| CUSTOMER P.O. NUMBER | | | DUE DATE / SOFT | | |
| , | ACCOUNT IN | ORMATION | | | |
| CONTACT ENDON ADDRESS PHONE NUMBER BY SCZ | | | | | |
| CITY / STATE / ZIP | | | (D) JA 1 | 302 | |
| PARTY RESPONSIBLE F | OD DAVMENT IS O | THEO THAN ADO | \\/ F | ACCOUNT STATUS | |
| NAME | | CONTACT | JVE | ACCOUNT STATUS | |
| ADDRESS | | PHONE NUMBER | | PAYMENT REC'D. OPEN ACCOUNT CASH | |
| CITY / STATE / ZIP | | | | CHECK NUMBER | |
| SPECIAL BILLING INSTRUCTIONS | | | 0 | | |
| | SAMPLE INFO | DRMATION | | | |
| TYPE OF SAMPLE NO. OF SAMPLES *TUP | RN AROUND TIME | | TIFICATION A | ND / OR SAMPLE SITE | |
| SOIL RUE OIL NO. OF CONTAINERS EM SLUDGE OTHER *(s | GULAR (10 WKG DAYS) SH (3 DAYS) ERGENCY (STAT) SUBJECT TO WORK LOG) | 577 9 | <u> </u> | YAKD | |
| SAMPLE DELIVERED BY | SIGNA | TURE | | 5/C/9/ | |
| | ANALYSIS | REQUEST | | <i></i> | |
| WORK DESCRIPTION | | | | | |
| 1010.S, NO 20 | , | | | · | |
| | | | | | |
| | | | | | |
| | | | | | |
| - | | | | | |
| | | | | | |
| SECIAL INSTRUCTIONS | | | | | |
| | | | | | |
| BILLING: PICKUP MAIL | L | OGGED IN BY | | | |

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

| District: Roswell | · | | Date: 8-5-91 |
|----------------------------------------|----------------------------------------|-----------------|--------------------|
| Sample Location
Valve or Receiver N | | llect.
Flush | Sampler |
| STAT. 9 - 0.5. YARD | | | METRIC |
| | | | |
| | | | |
| SAMPLE ID NUMBER | SOLVENT
USED | SAMPLE
ICED | ANALYSES REQUESTED |
| OSBH7 33.5-33.7 | ······································ | YES | 8010 |
| OSB H7 37.0-37.2 | | YES | 8010,8020 |
| 058 HQ 4.6 - 4.7 | | YES | 8014 |
| OSBHP 33.9.34.1 | | YES | 8010 |
| 05 BHP +9.7.49.9 | | 755 | 2014, 2020 |
| 05BH9 1.5-4.9 | | AEL | 2016 |
| OS B H9 32.0-32.5 | | Yes | 8010 |
| OSBH9 47.5-49.7 | | YEY | 8010, 8020 |
| Relinquished By FA | 60 - X | | Date g-c-51 |
| Relinquished By | | | Date |
| Relinquished To | | | Date |
| Relinquished By | | | Date |
| Relinquished To | | | Date |
| Relinquished ByRelinquished By | | | Date |
| Laboratory: ASA16 Received: | | | |

APPENDIX C

LABORATORY RESULTS
AND
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE 6381 N. MAIN STREET P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911774

Order #: 91-08-239

Date: 09/05/91 12:15
Work ID: STATION 9

Date Received: 08/22/91

Date Completed: 09/05/91

7752

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample | Sample | Sample | Sample |
|--------|-------------------|--------|--------------------|
| Number | Description | Number | <u>Description</u> |
| 03 | PIT I 2.8 - 3.0 | 04 | PIT I 9.2 - 9.4 |
| 05 | PIT I 13.5 - 13.7 | 06 | PIT I 18.8 - 19.0 |
| 07 | PIT I 26.8 - 27.0 | 80 | PIT I 30.6 - 30.8 |
| 09 | PIT I 41.6 - 41.8 | 10 | PIT I 43.5 - 43.7 |



Order # 91-08-239 09/05/91 12:15 Assaigai Analytical Labs

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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By SYED N. RIZVI

Order # 91-08-239 09/05/91 12:15

Assaigai Analytical Labs

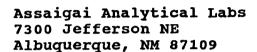
Page 3

REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS Minimum: 5.0 Maximum: 100 Method: EPA 418.1

| Sample Sample Description | <u>Result</u> | <u>Units</u> | Extracted | Analyzed | <u>By</u> |
|---------------------------|---------------|--------------|------------------|----------|-----------|
| 03A PIT I 2.8 - 3.0 | 25,000 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 04A PIT I 9.2 - 9.4 | 39,000 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 05A PIT I 13.5 - 13.7 | 55,000 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 06A PIT I 18.8 - 19.0 | 20,000 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 07A PIT I 26.8 - 27.0 | 11,000 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 08A PIT I 30.6 - 30.8 | 16 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 09A PIT I 41.6 - 41.8 | 16 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 10A PIT I 43.5 - 43.7 | 56 | MG/KG | 08/30/91 | 09/05/91 | PV |





Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911769

Order #: 91-08-240

Date: 09/03/91 13:53

Work ID: STATION #9

Date Received: 08/22/91
Date Completed: 09/03/91
REFERENCE WO#: 91-07-257

7784

SAMPLE IDENTIFICATION

| Sample
Number | | Samp
Descri | | | Sample
Number | | | Sample
Description | |
|------------------|-------|----------------|--------|-------------|------------------|-----|---|-----------------------|--------|
| | PIT 2 | SAMPLE | 001 | | 02 | PIT | 2 | SAMPLE 002 | |
| 03 | PIT 2 | 26.0 | - 26.2 | | 04 | PIT | 2 | 29.1 - 29. | 3 |
| 05 | PIT 2 | 39.8 | - 39.9 | | 06 | PIT | 2 | 44.1 - 44. | 3 |
| 07 | PIT 2 | 57.5 | - 57.8 | | 80 | ΡŢͲ | 2 | 69.9 - 70. | 1 |
| 09 | | | | | 10 | | | | |
| 11 | PIT 3 | BH-2 | 25.0 - | 25.2 | 12 | PIT | 3 | BH-1 30.7 | - 30.9 |



Order # 91-08-240 09/03/91 13:53

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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By SYED N. RIZVI



Order # 91-08-240 09/03/91 13:53

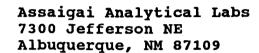
Assaigai Analytical Labs

Page 3

REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS Minimum: Maximum: 100 Method: EPA 418.1 Sample Sample Description Result Units Extracted Analyzed Bv 01A PIT 2 SAMPLE 001 <5.0 08/30/91 09/03/91 MG/KG PV02A PIT 2 SAMPLE 002 13,000 08/30/91 09/03/91 MG/KG PV 03A PIT 2 26.0 - 26.208/30/91 09/03/91 170 MG/KG PV04A 29.1 - 29.308/30/91 09/03/91 PIT 2 <5.0 MG/KG PV 05A PIT 2 39.8 - 39.9 2600 MG/KG 08/30/91 09/03/91 PV 06A 44.1 - 44.3PIT 2 44 MG/KG 08/30/91 09/03/91 PV07A PIT 2 57.5 - 57.8250 ΡV MG/KG 08/30/91 09/03/91 A80 PIT 2 69.9 - 70.1<5.0 MG/KG 08/30/91 09/03/91 ΡV 09A 10A 11A PIT 3 BH-2 25.0 - 25.2 <5.0 MG/KG 08/30/91 09/03/91 PV12A PIT 3 BH-1 30.7 - 30.9 <5.0 08/30/91 MG/KG 09/03/91 ΡV





Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911768

Order #: 91-08-241

Date: 09/03/91 13:52

Work ID: STATION #9

Date Received: 08/22/91
Date Completed: 09/03/91

7799

REFERENCE WO#: 91-07-276

SAMPLE IDENTIFICATION

| Sample | | Sample | Sample | | Sample |
|--------|-------|-------------|--------|------|---------------|
| Number | | Description | Number | | Description |
| 01 | SG 91 | 28.6 - 28.8 | 02 | SG 8 | 6 13.5 - 13.7 |
| 03 | SG 86 | 18.7 - 18.9 | 04 | SG 8 | 6 24.9 - 25.1 |
| 05 | SG 86 | 35.0 - 35.2 | 06 | SG 8 | 6 40.5 - 40.7 |



Order # 91-08-241 09/03/91 13:52

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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By SYED N. RIZVI



Order # 91-08-241 09/03/91 13:52

Assaigai Analytical Labs

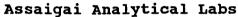
Page 3

REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS Minimum: 5.0 Maximum: 100 Method: EPA 418.1

| Sample Sampl | <u>e Description</u> | <u>Result</u> | <u>Units</u> | <u>Extracted</u> | <u>Analyzed</u> | <u>By</u> |
|--------------|----------------------|---------------|--------------|------------------|-----------------|-----------|
| 01A SG 91 | 28.6 - 28.8 | <5.0 | MG/KG | 08/30/91 | 09/03/91 | PV |
| 02A SG 86 | 13.5 - 13.7 | 18,000 | MG/KG | 08/30/91 | 09/03/91 | PV |
| 03A SG 86 | 18.7 - 18.9 | 5200 | MG/KG | 08/30/91 | 09/03/91 | ΡV |
| 04A SG 86 | 24.9 - 25.1 | <5.0 | MG/KG | 08/30/91 | 09/03/91 | PV |
| 05A SG 86 | 35.0 - 35.2 | 8.0 | MG/KG | 08/30/91 | 09/03/91 | PV |
| 06A SG 86 | 40.5 - 40.7 | <5.0 | MG/KG | 08/30/91 | 09/03/91 | PV |





7300 Jefferson NE

Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717 Attn: LARRY CAMPBELL

Invoice Number: 911773

Order #: 91-08-246

Date: 09/05/91 12:13

Work ID: STATION #9 0.S. YARD

7848

Date Received: 08/22/91 Date Completed: 09/05/91

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample | | Sample | Sample | | Sample |
|--------|-------|--------------------|---------------|-------|-------------|
| Number | | <u>Description</u> | <u>Number</u> | | Description |
| 01 | OSBH3 | | 02 | SG349 | 0-1.8 |
| 03 | SG349 | 2.9-4.6 | 04 | SG349 | 9.0-10.0 |
| 05 | SG349 | 14.0-14.8 | 06 | SG349 | 20.3-21.3 |
| 07 | SG349 | 25.3-26.3 | 80 | SG349 | 29.7-30.4 |
| 09 | SG360 | 0.0-2.5 | 10 | SG360 | 4.0-5.0 |
| 11 | SG360 | 9.0-9.9 | 12 | SG360 | 14.0-14.7 |
| 13 | SG360 | 19.0-20.0 | 14 | SG360 | 24.0-25.0 |
| 15 | SG360 | 29.0-29.4 | 16 | SG361 | 0-2.5 |
| 17 | SG361 | 4.0-5.0 | 18 | SG361 | 9.0-10.0 |





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SAMPLE IDENTIFICATION

| Sample
<u>Number</u> | | Sample
Description | Sample
Number | | Sample
Description | |
|-------------------------|-------|-----------------------|------------------|-------|-----------------------|--|
| 19 | SG361 | 16.0-16.4 | 20 | SG361 | 19.5-19.8 | |
| 21 | SG361 | 24.0-25.0 | 22 | SG361 | 38.9-39.3 | |

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

> Certified By SYED N. RIZVI



Order # 91-08-246 09/05/91 12:13

Assaigai Analytical Labs

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REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS Minimum: 5.0 Maximum: 100 Method: EPA 418.1

| Sample Sample | <u>Description</u> | <u>Result</u> | <u>Units</u> | Extracted | Analyzed | Ву |
|---------------|---------------------|---------------|--------------|-----------|----------|----|
| 01A OSBH3 | <u>Dedel Iperon</u> | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 02A SG349 | 0-1.8 | <5.0 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 03A SG349 | 2.9-4.6 | <5.0 | MG/KG | 08/30/91 | 09/05/91 | PV |
| 04A SG349 | 9.0-10.0 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 05A SG349 | 14.0-14.8 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 06A SG349 | 20.3-21.3 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 07A SG349 | 25.3-26.3 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 08A SG349 | 29.7-30.4 | 8.0 | MG/KG | 08/30/91 | 09/04/91 | ΡV |
| 09A SG360 | 0.0-2.5 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 10A SG360 | 4.0-5.0 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 11A SG360 | 9.0-9.9 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 12A SG360 | 14.0-14.7 | 8.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 13A SG360 | 19.0-20.0 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 14A SG360 | 24.0-25.0 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 15A SG360 | 29.0-29.4 | 20 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 16A SG361 | 0-2.5 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | ΡV |
| 17A SG361 | 4.0-5.0 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 18A SG361 | 9.0-10.0 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 19A SG361 | 16.0-16.4 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 20A SG361 | 19.5-19.8 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 21A SG361 | 24.0-25.0 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| 22A SG361 | 38.9-39.3 | <5.0 | MG/KG | 08/30/91 | 09/04/91 | PV |
| | | | | | | |



Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911790

Order #: 91-08-245

Date: 09/06/91 08:52

Work ID: STATION #9
Date Received: 08/22/91

Date Completed: 09/06/91

7821

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

REFERENCE WO#: 91-07-299

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample
Number | | Sample
Description | Sample
Number | | Sample
Description | |
|------------------|-------|-----------------------|------------------|-------|-----------------------|---|
| 01 | | 18.9 - 19.1 | 02 | OSBH1 | 34.3 - 34.5 | ٠ |
| | | | - - | | 22.5 - 22.6 | |
| 03 | | 9.9 - 10.1 | 04 | | | |
| 05 | OSBH2 | 31.1 - 31.3 | 06 | OSBH2 | 41.8 - 42.0 | |
| 07 | OSBH2 | 55.2 - 55.4 | 08 | OSBH2 | 69.0 - 69.2 | |



Order # 91-08-245 09/06/91 08:52

Assaigai Analytical Labs

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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By SYED N. RIZVI



Member: American Council of Independent Laboratories, Inc. ANALYTICAL LABORATORIES. INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Order # 91-08-245 09/06/91 08:52

Assaigai Analytical Labs

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09/04/91

09/05/91

09/05/91

PV

PV

PV

100

08/28/91

08/30/91

08/30/91

REGULAR TEST RESULTS BY TEST

Maximum:

MG/KG

MG/KG

MG/KG

TOTAL REC PET HYDROCARBONS Method: EPA 418.1 Sample Sample Description Result Units Extracted Analyzed By 08/28/91 09/04/91 PV 01A OSBH1 18.9 - 19.1 MG/KG 12 MG/KG 08/28/91 09/04/91 OSBH1 <5.0 PV 02A 34.3 - 34.509/04/91 03A OSBH2 9.9 - 10.1<5.0 MG/KG 08/28/91 PV OSBH2 22.5 - 22.6<5.0 MG/KG 08/28/91 09/04/91 PV 04A 08/28/91 09/04/91 PV 05A OSBH2 31.1 - 31.368 MG/KG

24

16

16

Minimum:



06A

07A

A80

OSBH2

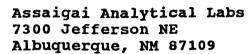
OSBH2

OSBH2

41.8 - 42.0

55.2 - 55.4

69.0 - 69.2



Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE 6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717 Attn: LARRY CAMPBELL

Invoice Number: 911791 Order #: 91-08-247

Date: 09/06/91 09:01

Work ID: STATION 9 O.S. YARD

7885

Date Received: 08/22/91

Date Completed: 09/05/91

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* REFERENCE WO#: 91-08-024

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample
Number | | Sample
Description | Sample
Number | | Sample
Description | |
|------------------|-------|-----------------------|------------------|-------|-----------------------|--|
| 01 | OSBH3 | 44.1-44.3 | 02 | OSBH3 | 54.8-55.0 | |
| 03 | OSBH4 | 27.5-27.7 | 04 | OSBH5 | 14.0-14.2 | |
| 05 | OSBH5 | 19.6-19.9 | 06 | OSBH5 | 23.4-23.6 | |
| 07 | OSBH6 | 13.6-13.8 | 08 | OSBH6 | 47.0-47.2 | |
| 09 | OSBH6 | 52.6-52.8 | 10 | OSBH6 | 70.0-71.0 | |
| 11 | OSBH7 | 22 1-22 3 | | | | |





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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

Certified By SYED N. RIZVI



Order # 91-08-247 09/06/91 09:01

Assaigai Analytical Labs

Page 3

REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS Minimum: 5.0 Maximum: 100 Method: EPA 418.1

| Sample Sample | <u> Description</u> | <u>Result</u> | <u>Units</u> | Extracted | <u>Analyzed</u> | <u>By</u> |
|---------------|---------------------|---------------|--------------|------------------|-----------------|-----------|
| 01A OSBH3 | 44.1-44.3 | 16 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 02A OSBH3 | 54.8-55.0 | 16 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 03A OSBH4 | 27.5-27.7 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 04A OSBH5 | 14.0-14.2 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 05A OSBH5 | 19.6-19.9 | 16 | MG/KG | 08/29/91 | 09/03/91 | ΡV |
| 06A OSBH5 | 23.4-23.6 | 12 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 07A OSBH6 | 13.6-13.8 | 12 | MG/KG | 08/29/91 | 09/03/91 | ΡV |
| 08A OSBH6 | 47.0-47.2 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 09A OSBH6 | 52.6-52.8 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 10A OSBH6 | 70.0-71.0 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |
| 11A OSBH7 | 22.1-22.3 | <5.0 | MG/KG | 08/29/91 | 09/03/91 | PV |



Assaigai Analytical Labs 7300 Jefferson NE Albuquerque, NM 87109

Attn: SYED RIZVI Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE

6381 N. MAIN STREET

P.O. BOX 1717

ROSWELL, NM 88202-1717

Attn: LARRY CAMPBELL

Invoice Number: 911792

Order #: 91-08-248

Date: 09/06/91 09:02

Work ID: STATION 9 O.S. YARD

7908

Date Received: 08/22/91

Date Completed: 09/05/91

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* REFERENCE WO#: 91-08-048

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

SAMPLE IDENTIFICATION

| Sample | | Sample | Sample | | Sample | |
|--------|-------|-------------|---------------|-------|-------------|--|
| Number | | Description | <u>Number</u> | | Description | |
| 01 | OSBH7 | 33.5-33.7 | 02 | OSBH7 | 37.0-37.2 | |
| 03 | OSHB8 | 4.6-4.9 | 04 | OSBH8 | 33.9-34.1 | |
| 05 | OSBH8 | 49.7-49.9 | 06 | OSBH9 | 4.5-4.9 | |
| 07 | OSBH9 | 32.0-32.5 | 08 | OSBH9 | 47.5-49.7 | |



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QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO: LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL 7300 JEFFERSON N.E., ALBUQUERQUE, N.M. 87109

> Certified By SYED N. RIZVI



ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Order # 91-08-248 09/06/91 09:02 Assaigai Analytical Labs

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REGULAR TEST RESULTS BY TEST

| TOTAL REC PET HYDROCARBONS
Method: EPA 418.1 | | | | Minimum: | 5.0 | Maximu | m: 10 | 100 | |
|-------------------------------------------------|--------|--------|-------------|----------|-----|--------------|-----------|----------|-----|
| | Sample | Sample | Description | Result | | <u>Units</u> | Extracted | Analyzed | Вy |
| | 01A | OSBH7 | 33.5-33.7 | <5.0 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| | 02A | OSBH7 | 37.0-37.2 | 12 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| | 03A | OSHB8 | 4.6-4.9 | 12 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| | 04A | OSBH8 | 33.9-34.1 | <5.0 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| | 05A · | OSBH8 | 49.7-49.9 | 12 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| | 06A | OSBH9 | 4.5-4.9 | 8.0 | | MG/KG | 08/28/91 | 09/04/91 | PV |
| | 07A | osbh9 | 32.0-32.5 | 150 | | MG/KG | 08/28/91 | 09/04/91 | ΡV |
| | O Q A | OCRHO | 47 5-49 7 | Ω Λ | | MC /KC | 09/29/01 | 00/04/01 | D17 |

ASSAIGAI

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

order # 91-11-156 11/20/91 14:50 Assaigai Analytical Labs

Page 6

Test Description
TOTAL REC PET HYDROCARBONS

Result 8.0 Limit 5.0 Units Analyzed MG/KG 11/19/91

PV





ANALYTICAL LABORATORIES, INC. • 7300 Jeffeeson, N.E. • Albuquesque, New Mexico 87109

Order # 91-11-156 11/20/91 14:50 Assaigai Analytical Labs

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TEST METHODOLOGIES

BENZENE, TOLUENE, ETHYLBENZENE, XYLENES: USEPA METHOD # 602/8020

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS(IN SOIL) = USEPA METHOD # 418.1





