

Walker Com # 1
Meter/Line ID – 75879

SITE DETAILS

Legals - Twn: 30N	Rng: 9W	Sec: 25	Unit: P
NMOCD Hazard Ranking: 10		Land Type: BLM	
Operator: Amoco		Pit Closure Date: 05/13/94	

RATIONALE FOR RISK-BASED CLOSURE

The pit noted above was assessed and ranked according to the criteria in the New Mexico Oil Conservation Division's (NMOCD) Unlined Surface Impoundment Closure Guidelines.

A Phase I excavation was conducted on May 13, 1994, to 12 feet below ground surface, and a soil sample was collected for field headspace analysis and laboratory analysis for benzene, total BTEX, and TPH. Groundwater was not encountered in the pit. Approximately 45 cubic yards of material was removed for landfarming and sent to an OCD approved centralized site. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 549 ppm; laboratory analysis indicated a benzene concentration of <1.2 mg/kg, a total BTEX concentration of 254 mg/kg, and a TPH concentration of 1790 mg/kg. BTEX and TPH were above required remediation levels for the Hazard Ranking Score.

On June 15, 1995, a Phase II borehole was conducted to 27.5 feet below ground surface where bedrock was encountered. Groundwater was not encountered in the borehole. The borehole was grouted to the surface in a manner to direct surface runoff away from the pit area. A soil gas survey conducted showed the BTEX compound to be below the action level directly down gradient from the pit.

El Paso Field Services Company (EPFS) requests closure of the above mentioned production pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for over six years.
- The pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the excavation or the borehole.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Bedrock was encountered at 27.5 feet below ground surface; consequently, impact to groundwater is unlikely.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of site.
- Excavated material has been removed from the pit, eliminating potential direct contact with livestock or the public.
- The pit was excavated to the practical extent of the equipment, according to EPNG's pit closure plan.

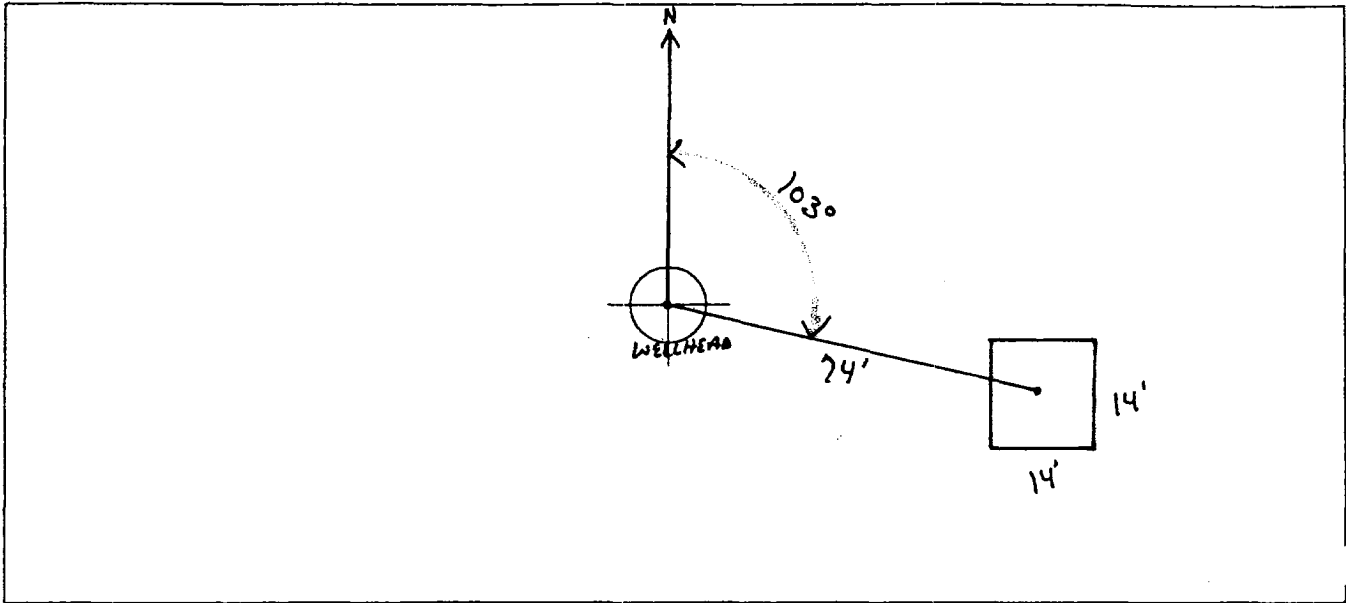
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>75879</u> Location: <u>WALKER COM #1</u> Operator #: <u>0203</u> Operator Name: <u>AMOCO</u> P/L District: <u>BLOOMFIELD</u> Coordinates: Letter: <u>P</u> Section <u>25</u> Township: <u>30</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>4.27.94</u> Area: <u>10</u> Run: <u>22</u>																
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps) Land Type: <table border="0"> <tr> <td>Inside</td><td>☒ (1)</td> <td>BLM</td><td>☒ (1)</td> </tr> <tr> <td>Outside</td><td>☐ (2)</td> <td>State</td><td>☐ (2)</td> </tr> <tr> <td></td><td></td> <td>Fee</td><td>☐ (3)</td> </tr> <tr> <td></td><td></td> <td>Indian</td><td>_____</td> </tr> </table> Depth to Groundwater Less Than 50 Feet (20 points) ☐ (1) 50 Ft to 99 Ft (10 points) ☒ (2) Greater Than 100 Ft (0 points) ☐ (3) Wellhead Protection Area : Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points) Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) ☐ (1) 200 Ft to 1000 Ft (10 points) ☐ (2) Greater Than 1000 Ft (0 points) ☒ (3) Name of Surface Water Body _____ (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only) ☐ (2) > 100' TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS	Inside	☒ (1)	BLM	☒ (1)	Outside	☐ (2)	State	☐ (2)			Fee	☐ (3)			Indian	_____
Inside	☒ (1)	BLM	☒ (1)														
Outside	☐ (2)	State	☐ (2)														
		Fee	☐ (3)														
		Indian	_____														
REMARKS	Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS UP ON A MESA. REDLINE AND TOPO CONFIRMED LOCATION TO BE INSIDE THE U.Z.</u>																

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 103° Footage from Wellhead 74'
 b) Length : 14' Width : 14' Depth : 2'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

TOOK PICTURES AT 2:43 P.M.

END DUMP

Completed By:

Robert Thompson
 Signature

4.27.94
 Date

FIFTH PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>75879</u> Location: <u>Walker Com #1</u> Coordinates: Letter: <u>P</u> Section <u>25</u> Township: <u>30</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Date Started : <u>5-13-94</u> Area: <u>10</u> Run: <u>22</u>
FIELD OBSERVATIONS	<i>KPS-13-94</i> Sample Number(s): <u>KP 46 47</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>549</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation ☒ (1) Approx. Cubic Yards <u>45</u> Onsite Bioremediation ☐ (2) Backfill Pit Without Excavation ☐ (3) Soil Disposition: Envirotech ☐ (1) ☒ (3) Tierra Other Facility ☐ (2) Name: _____ Pit Closure Date: <u>5-13-94</u> Pit Closed By: <u>B.E.I</u>
REMARKS	Remarks : <u>Pit Hooker Dry Small Pit 14x14. Started Remediating</u> <u>12' soil Black Bottom of Pit still Black At 12'</u>
	Signature of Specialist: <u>Kelly Padilla</u>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP47	945174
MTR CODE SITE NAME:	75879	N/A
SAMPLE DATE TIME (Hrs):	1040 ^{KDX} 5-13-94	1040
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	5-17-94	5/17/94
DATE OF BTEX EXT. ANAL.:	5/19/94	5/21/94
TYPE DESCRIPTION:	VC	Brown Sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<1.2	MG/KG	50			
TOLUENE	2.5	MG/KG	50			
ETHYL BENZENE	10	MG/KG	50			
TOTAL XYLENES	240	MG/KG	50			
TOTAL BTEX	254	MG/KG				
TPH (418.1)	1790	MG/KG			2.03	28
HEADSPACE PID	549	PPM				
PERCENT SOLIDS	90.3	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 102 % for this sample All QA/QC was acceptable.
N tive:

ATI results attached.

DF = Dilution Factor Used

Approved By:

John L. Luch

Date:

7/14/94

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)
 CLIENT : EL PASO NATURAL GAS CO. ATI I.D.: 405378
 PROJECT # : 24324
 PROJECT NAME : PIT CLOSURE

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
13	945172	NON-AQ	05/13/94	05/19/94	05/21/94	50
14	945173	NON-AQ	05/13/94	05/19/94	05/21/94	5
15	945174	NON-AQ	05/13/94	05/19/94	05/21/94	50

PARAMETER	UNITS	13	14	15
BENZENE	MG/KG	2.9	<0.12	<1.2
TOLUENE	MG/KG	110	<0.12	2.5
PHYLBENZENE	MG/KG	22	0.29	10
TOTAL XYLENES	MG/KG	340	10	240

SURROGATE:
 BROMOFLUOROBENZENE (%) 120* 114 102

*OUTSIDE ATI QUALITY CONTROL LIMITS DUE TO MATRIX INTERFERENCE



Analytical **Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. **405378**

June 2, 1994

El Paso Natural Gas Company
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On **05/18/94**, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

Client samples 945004 and 945007 were submitted to Analytical Technologies' Albuquerque laboratory past the recommended EPA holding time.

NOTED
8
6/6/94

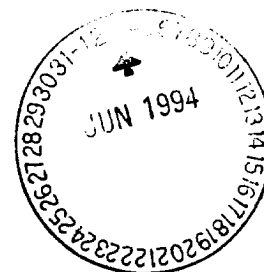
If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jd

Enclosure



[illegible]

RECORD OF SUBSURFACE EXPLORATION

Philip Environmental Services Corp.

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole #

BH-1

Well #

Page

of

Project Name

EPNG Pits

Project Number

14509

Phase

60D

Project Location

Walker Com #1 75879

Elevation

Borehole Location

GWL Depth

Logged By

S.Kelly

Drilled By

M. Donohue

Date/Time Started

6/15/95, 1100

Date/Time Completed

6/15/95, 1130

Well Logged By

S.Kelly

Personnel On-Site

M. Donohue, J. O'Keefe

Contractors On-Site

Client Personnel On-Site

Drilling Method

4 1/4" ID H519

Air Monitoring Method

CGI, PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU			Drilling Conditions & Blow Counts
							SZ	BH	S	
0				Backfill to 14'!						
5				dk 6/15/95						
10										
15	1	15-17	.6' 20'	clayey, SILT, dk brown, soft, loose, dry			0	239 0 dk 6/15/95	423 2889	-1110
20	20-22	2	.9' 20'						58 386	-1115
25	3	25-27	.35' 20'	cobble at 25! SAND, but light brown, with 10-20% sand.			18	213	462 120	1122 Augers sound like they're hitting cobbles.
30				BoH- 27.5						
35										
40										

Comments:

Auger refusal at 27.5, also could not hammer spoon at 27.5. No sample taken due to high headspace reading at refusal. BH grouted to surface.

Geologist Signature

Sarah Kelly

TABLE 1

RECON® Soil-Gas and Groundwater Investigation

El Paso Natural Gas Company Sites
San Juan Basin
Farmington, New Mexico

PIT LOCATION NAME	METER NUMBER	SAMPLE IDENTIFICATION	PREVIOUS INVESTIGATION
RINCON No. 48	71025	RINCON48	Phase II HSA refusal at 23' bls
RINCON No. 10	70645	RINCON10	Phase II HSA refusal at 25' bls
RINCON No. 70	71580	RINCON70	Phase II HSA refusal at 32' bls
CHACON AMIGOS No. 2	93370	CA2	Phase II HSA refusal at 30' bls
JAQUEZ A No. 1A	89619	JAC1A	Phase II HSA refusal at 18' bls
FLORANCE No. 107 PC	87017	FLORANCE107	Phase II HSA refusal at 29.5' bls
WALKER COM No. 1	75879	WALKERCOM1	Phase II HSA refusal at 27.5' bls
HEATH F1	72505	HEATHF1	Phase II HSA refusal at 18' bls
DAY No. 3	90847	DAY3	Phase II HSA refusal at 30' bls
SULLIVAN No. 1	70760	SULLIVAN1	Phase II HSA refusal at 23' bls
MARCOTTE 1A	89903	MARCOTTE1A	Phase II HSA refusal at 18' bls
TRUJILLO No.1 PC	72089	TRUJILLO1PC	GW encountered in phase I excavation
FEDERAL 6 No. 32	94768	FEDERAL6No32	Phase II soil boring indicated GW at less than 20' bls
CANYON LARGO 304	93788	C-LARGO304	Phase II soil boring indicated GW at less than 20' bls
CANYON LARGO 298	93590	C-LARGO298	Phase II soil boring indicated GW at less than 20' bls
CANYON LARGO 302	93793	C-LARGO302	Phase II soil boring indicated GW at less than 20' bls
K-17 LINE DRIP	N/A	K17LINEDRIP	Phase II soil boring indicated GW at less than 20' bls
HOWELL No. 3 LINE DRIP	N/A	HOWELL#3LD	Phase II soil boring indicated GW at less than 20' bls
LATERAL 2C-1 LINE DRIP	N/A	LATERAL2C-1	Phase II HSA refusal at 42' bls
CUTLER 2	74289	CUTLER2	Phase II soil boring indicated GW at less than 20' bls
LATERAL 2C-22 No. 3 LINE DRIP	N/A	L2C-22No3LD	Phase II soil boring indicated GW at less than 20' bls
NICKELS No. 1 DK	73034	NICKELS#1DK	Phase II soil boring indicated GW at less than 20' bls
McGRATH No. 1	70862	MACGRATH#1	Phase II soil boring indicated GW at less than 20' bls
FLORA VISTA #1	75718	FLORAVISTA1	Phase II soil boring indicated GW at less than 20' bls
MARSHALL B-1J	89039	MB1J	Phase II soil boring indicated GW at less than 20' bls
ARGO No. 1E	93780	ARGO#1E	Phase II soil boring indicated GW at less than 20' bls
TRUNK D LINE DRIP	N/A	TDLD	Phase II soil boring indicated GW at less than 20' bls
K-31 LINE DRIP	N/A	K31LINEDRIP	Phase II soil boring indicated GW at less than 20' bls
MILES FEDERAL No. 1E	94495	MILES#1E-01	Phase II soil boring indicated GW at less than 20' bls
ELLIOT GAS COM No. M1	73147	EGC#M1	Phase II HSA refusal at 22' bls
ELLIOT GAS COM No. S1	75265	EGC#S1	Phase II HSA refusal at 20' bls
LINDRITH B24	94967	LINDRITHB24	Phase II soil boring indicated GW at less than 20' bls
LINDRITH 23	74692	LINDRITH23	Phase II soil boring indicated GW at less than 20' bls
CANEPLA GAS COM No. 1	70714	CGC#1	Phase II HSA refusal at 18.5' bls
OHIO C GVT #3	72890	OCG3	GW encountered during Phase II excavation
C3 LOOP LINE DRIP	N/A	C3LLD	No GW encountered in Phase I excavation
SAN JUAN UNIT 28-6 #79 PM	72265	SJU28679PM	Phase II soil boring indicated GW at less than 20' bls
HAMMOND 41A	89894	H41A	Phase II soil boring indicated GW at less than 20' bls
HSA = Hollow-stem auger drill rig bls = below land surface GW = groundwater			

RECON® Soil-Gas and Groundwater Investigation

El Paso Natural Gas Company Sites
San Juan Basin
Farmington, New Mexico

Location Name	U-S-T-R	Meter No.	Sample I.D.	Sample Matrix	No. of		Depth	Comments
					Probe Holes	Samples		
Rincon No. 48	N30-27-6	71025	RINCON48	Soil-gas	3	12	3-12	BTEX below action levels
Rincon No. 10	C36-27-7	70645	RINCON10	Soil-gas	3	12	3-12	BTEX below action levels
Rincon No. 70	A27-27-7	71580	RINCON70	Soil-gas	3	12	3-12	BTEX below action levels
Chacon Amigos No. 2	I2-22-3	93370	CA2	Soil-gas	4	16	3-12	Benzene above action levels
Jaquez A No. 1A	D5-29-9	89619	JAC1A	Soil-gas	3	12	3-12	BTEX below action levels
Florance No. 107 PC	E8-30-9	87017	FLORANCE107	Soil-gas	6	24	3-12	BTEX below action levels
Walker Com No. 1	P25-30-9	75879	WALKERCOM1	Soil-gas	3	12	3-12	BTEX below action levels
Heath F1	E8-29-9	72505	HEATHF1	Soil-gas	3	12	3-12	BTEX below action levels
Day No. 3	A17-29-8	90847	DAY3	Soil-gas	3	12	3-12	BTEX below action levels
Sullivan No. 1	M22-32-10	70760	SULLIVAN1	Soil-gas	3	12	3-12	BTEX below action levels
Marcotte 1A	I5-31-10	89903	MARCOTTE1A	Soil-gas	3	12	3-12	BTEX below action levels
Trujillo No. 1 PC	M21-29-10	72089	TRUJILLO1PC	Groundwater	15	18	4-6	Benzene above action level and offsite
Federal 6 No. 32	G6-26-7	94768	FEDERAL6No32	Soil-gas and Groundwater	6	32	3-30	BTEX above action levels
Canyon Largo 304	C11-24-6	93788	C-LARGO304	Soil-gas and Groundwater	6	15	3-21	BTEX above action levels
Canyon Largo 298	A3-24-6	93590	C-LARGO298	Soil-gas	3	12	3-12	BTEX below action levels
Canyon Largo 302	J3-24-6	93793	C-LARGO302	Soil-gas and Groundwater	8	17	3-24	BTEX below action levels
K-17 Line Drip	C26-27-8	N/A	K17LINEDRIP	Groundwater	3	3	18-27	BTEX below action levels
Howell No. 3 Line Drip	C3-27-8	N/A	HOWELL#3LD	Groundwater	3	3	21-27	BTEX below action levels
Lateral 2C-1 Line Drip	P36-27-11	N/A	LATERAL2C-1	Soil-gas	3	12	3-12	BTEX below action levels
Cutler 2	A14-24-6	93793	CUTLER2	Groundwater	4	4	24-27	BTEX below action levels
Lateral 2C-22 No. 3 Line Drip	G13-24-6	N/A	L2C-22No3LD	Groundwater	3	3	18-24	BTEX below action levels
Nickels No. 1 DK	K11-31-13	73034	NICKELS#1DK	Groundwater	5	5	12-15	Benzene above action levels
McGrath No. 1	F7-31-11	70862	MACGRATH#1	Soil-gas	3	3	9	BTEX below action levels
Flora Vista #1	F22-30-12	75718	FLORAVISTA1	Groundwater	3	3	24-30	BTEX below action levels
Marshall B-1J	O14-27-9	89039	MB1J	Soil-gas	3	3	8-20	BTEX below action levels
Argo No. 1E	N18-27-10	93780	ARGO#1E	Groundwater	3	3	24-30	BTEX below action levels
Trunk D Line Drip	E20-28-8	N/A	TDL	Groundwater	3	3	15-24	BTEX below action levels
K-31 Line Drip	N18-25-6	N/A	K31LINEDRIP	Groundwater	14	14	21-24	Benzene above action levels and offsite

RECON® Soil-Gas and Groundwater Investigation

El Paso Natural Gas Company Sites
San Juan Basin
Farmington, New Mexico

Location Name	U-S-T-R	Meter No.	Sample I.D.	Sample Matrix	No. of		Depth	Comments	
					Probe Holes	Samples			
Miles Federal No. 1E	N5-26-7	94495	MILES#1E	Groundwater	3	3	24-30	BTEX below action levels	
Elliot Gas Corn No. M1	I33-30-9	73147	EGC#M1	Soil-gas	3	12	3-12	BTEX below action levels	
Elliot Gas Corn No. S1	M33-30-9	75265	EGC#S1	Soil-gas	3	12	3-12	BTEX below action levels	
Lindrith B24	N9-24-3	94967	LINDRITHB24	Groundwater	3	3	21-27	Benzene above action levels and offsite	
Lindrith B23	D9-24-3	74691	LINDRITHB23	Groundwater	3	3	21-27	BTEX below action levels	
Canepa Gas Corn No. 1	M18-31-10	70714	CGC#1	Soil-gas	3	12	3-12	BTEX below action levels	
Ohio C Gvt #3	P26-28-11	72890	OCG3	Soil-gas and Groundwater	3	3	9-17	Benzene above action levels and offsite	
C3 Loop Line Drip	D28-29-9	N/A	C3LLD	Soil-gas	3	12	3-12	BTEX below action levels	
San Juan Unit 28-6 #79 PM	M11-27-6	722654	SJU28679PM	Groundwater	7	7	30-36	BTEX above action levels	
Hammond 41A	O25-27-8	89894	H41A	Groundwater	9	9	15-23	BTEX above action levels	
U-S-T-R = Unit-Section-Township-Range									
BTEX = benzene, toluene, ethyl benzene, and xylenes									

FLORANCE107-18-D	PH-05	6	1218	11/4/95	500	0.2	10	QC - Duplicate
Blank-18	N/A	N/A	1228	11/4/95	500	0.2	N/A	QC - System Blank
QCRT-05	N/A	N/A	1255	11/4/95	100	1	N/A	QC - Retention Times
FLORANCE107-19	PH-05	9	1310	11/4/95	500	0.2	10	Soil-gas
FLORANCE107-20	PH-05	12	1320	11/4/95	500	0.2	8	Soil-gas
FLORANCE107-21	PH-06	3	1332	11/4/95	500	0.2	10	Soil-gas
FLORANCE107-22	PH-06	6	1342	11/4/95	500	0.2	9	Soil-gas
FLORANCE107-23	PH-06	9	1359	11/4/95	500	0.2	10	Soil-gas
FLORANCE107-24	PH-06	12	1409	11/4/95	500	0.2	8	Soil-gas
FLORANCE107-24-D	PH-06	12	1419	11/4/95	500	0.2	8	Soil-gas
Blank-19	N/A	N/A	1429	11/4/95	500	0.2	N/A	QC - Duplicate
QCRT-06	N/A	N/A	1526	11/4/95	100	1	N/A	QC - System Blank
Blank-20	N/A	N/A	0613	11/6/95	500	0.2	N/A	QC - Retention Times
STD-1106	N/A	N/A	0638	11/6/95	100	1	N/A	QC - System Blank
Blank-21	N/A	N/A	0652	11/6/95	500	0.2	N/A	Calibration Standard
Blank-22	N/A	N/A	0744	11/6/95	500	0.2	N/A	QC - System Blank
WALKERCOM1-01	PH-01	3	0759	11/6/95	500	0.2	2	QC - Probe Rod Blank
WALKERCOM1-02	PH-01	6	0813	11/6/95	500	0.2	8	Soil-gas
WALKERCOM1-03	PH-01	9	0824	11/6/95	500	0.2	10	Soil-gas
WALKERCOM1-04	PH-01	12	0846	11/6/95	500	0.2	8	Soil-gas
WALKERCOM1-05	PH-02	3	0855	11/6/95	500	0.2	11	Soil-gas
WALKERCOM1-06	PH-02	6	0909	11/6/95	500	0.2	8	Soil-gas
WALKERCOM1-07	PH-02	9	0919	11/6/95	500	0.2	8	Soil-gas
WALKERCOM1-08	PH-02	12	0929	11/6/95	500	0.2	10	Soil-gas
WALKERCOM1-09	PH-03	3	0939	11/6/95	500	0.2	8	Soil-gas
WALKERCOM1-10	PH-03	6	0949	11/6/95	500	0.2	8	Soil-gas
WALKERCOM1-11	PH-03	9	1001	11/6/95	500	0.2	8	Soil-gas
WALKERCOM1-12	PH-03	12	1010	11/6/95	500	0.2	8	Soil-gas

NA - not applicable
 QC - quality control
 D - duplicate analysis

WALKERCOM1-12-	PH-03	12	1019	11/6/95	500	0.2	8	QC - Duplicate
Blank-23	N/A	N/A	1028	11/6/95	500	0.2	N/A	QC - System Blank
QCRT-07	N/A	N/A	1038	11/6/95	100	1	N/A	QC - Retention Times
HEATHF1-01	PH-01	3	1104	11/6/95	500	0.2	8	Soil-gas
HEATHF1-02	PH-01	6	1117	11/6/95	500	0.2	8	Soil-gas
HEATHF1-03	PH-01	9	1136	11/6/95	500	0.2	9	Soil-gas
HEATHF1-04	PH-01	12	1159	11/6/95	500	0.2	10	Soil-gas
HEATHF1-05	PH-02	3	1209	11/6/95	500	0.2	10	Soil-gas
HEATHF1-06	PH-02	6	1220	11/6/95	500	0.2	8	Soil-gas
HEATHF1-07	PH-02	9	1230	11/6/95	500	0.2	8	Soil-gas
HEATHF1-08	PH-02	12	1240	11/6/95	500	0.2	10	Soil-gas
HEATHF1-09	PH-03	3	1250	11/6/95	500	0.2	9	Soil-gas
HEATHF1-10	PH-03	6	1306	11/6/95	500	0.2	10	Soil-gas
HEATHF1-11	PH-03	9	1316	11/6/95	500	0.2	8	Soil-gas
HEATHF1-12	PH-03	12	1327	11/6/95	500	0.2	10	Soil-gas
HEATHF1-12-D	PH-03	12	1336	11/6/95	500	0.2	10	Soil-gas
Blank-24	N/A	N/A	1356	11/6/95	500	0.2	N/A	QC - Duplicate
QCRT-08	N/A	N/A	1421	11/6/95	100	1	N/A	QC - System Blank
DAY3-01	PH-01	3	1440	11/6/95	500	0.2	9	Soil-gas
DAY3-02	PH-01	6	1455	11/6/95	500	0.2	10	Soil-gas
DAY3-03	PH-01	9	1505	11/6/95	500	0.2	8	Soil-gas
DAY3-04	PH-01	12	1613	11/6/95	500	0.2	8	Soil-gas
DAY3-05	PH-02	3	1517	11/6/95	500	0.2	10	Soil-gas
DAY3-06	PH-02	6	1529	11/6/95	500	0.2	9	Soil-gas
DAY3-07	PH-02	9	1547	11/6/95	500	0.2	10	Soil-gas
DAY3-08	PH-02	12	1603	11/6/95	500	0.2	8	Soil-gas
DAY3-09	PH-03	3	1623	11/6/95	500	0.2	8	Soil-gas
DAY3-10	PH-03	6	1634	11/6/95	500	0.2	10	Soil-gas

NA - not applicable
QC - quality control
D - duplicate analysis

Sample I.D.	Probe Hole Number	Depth (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	m+p-Xylene (ug/L)	o-Xylene (ug/L)	Comments
FLORANCE107-18-D	N/A	6	ND(1)	ND(1)	ND(1)	1	ND(1)	QC - Duplicate
Blank-18	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
QCRT-05	N/A	N/A	265	269	273	270	269	QC - Retention Times
FLORANCE107-19	PH-05	9	ND(1)	<1	<1	<1	<1	Soil-gas
FLORANCE107-20	PH-05	12	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
FLORANCE107-21	PH-06	3	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
FLORANCE107-22	PH-06	6	ND(1)	ND(1)	<1	2	<1	Soil-gas
FLORANCE107-23	PH-06	9	ND(1)	ND(1)	ND(1)	1	ND(1)	Soil-gas
FLORANCE107-24	PH-06	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
Blank-19	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Duplicate
QCRT-06	N/A	N/A	261	211	201	201	201	QC - System Blank
Blank-20	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Retention Times
STD-1106	N/A	N/A	232	232	232	232	232	QC - System Blank
Blank-21	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Calibration Standard
Blank-22	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
WALKERCOM1-01	PH-01	3	ND(1)	1	11	39	7	QC - Probe Rod Blank
WALKERCOM1-02	PH-01	6	ND(1)	ND(1)	2	6	1	Soil-gas
WALKERCOM1-03	PH-01	9	ND(1)	ND(1)	1	4	<1	Soil-gas
WALKERCOM1-04	PH-01	12	ND(1)	ND(1)	<1	2	<1	Soil-gas
WALKERCOM1-05	PH-02	3	ND(1)	<1	16	70	17	Soil-gas
WALKERCOM1-06	PH-02	6	ND(1)	ND(1)	10	41	9	Soil-gas
WALKERCOM1-07	PH-02	9	ND(1)	ND(1)	2	8	2	Soil-gas
WALKERCOM1-08	PH-02	12	ND(1)	ND(1)	2	10	2	Soil-gas
WALKERCOM1-09	PH-03	3	ND(1)	ND(1)	6	23	6	Soil-gas
WALKERCOM1-10	PH-03	6	ND(1)	ND(1)	<1	3	<1	Soil-gas
WALKERCOM1-11	PH-03	9	ND(1)	ND(1)	<1	3	<1	Soil-gas
WALKERCOM1-12	PH-03	12	ND(1)	ND(1)	<1	3	<1	Soil-gas

D = duplicate analysis.

QC = quality control.

ug/L = micrograms of compound detected per liter of soil vapor analyzed.

ND = not detected at the lower quantifiable limit indicated in parenthesis.

NA = not applicable.

QA Review:

Paul Anderson / kg

Review Date:

1-31-96

AK 2/12/96

Sample I.D.	Probe Hole Number	Depth (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	m+p-Xylene (ug/L)	o-Xylene (ug/L)	Comments
WALKERCOM1-12-D	N/A	12	ND(1)	ND(1)	<1	3	<1	QC - Duplicate
Blank-23	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
QCRT-07	N/A	N/A	204	154	119	113	107	QC - Retention Times
HEATHF1-01	PH-01	3	ND(1)	ND(1)	1	4	<1	Soil-gas
HEATHF1-02	PH-01	6	ND(1)	ND(1)	<1	3	<1	Soil-gas
HEATHF1-03	PH-01	9	ND(1)	ND(1)	<1	2	<1	Soil-gas
HEATHF1-04	PH-01	12	ND(1)	ND(1)	<1	2	<1	Soil-gas
HEATHF1-05	PH-02	3	ND(1)	ND(1)	1	5	<1	Soil-gas
HEATHF1-06	PH-02	6	ND(1)	ND(1)	<1	4	<1	Soil-gas
HEATHF1-07	PH-02	9	ND(1)	ND(1)	1	5	1	Soil-gas
HEATHF1-08	PH-02	12	ND(1)	ND(1)	<1	4	<1	Soil-gas
HEATHF1-09	PH-03	3	ND(1)	ND(1)	3	12	1	Soil-gas
HEATHF1-10	PH-03	6	ND(1)	ND(1)	3	12	3	Soil-gas
HEATHF1-11	PH-03	9	ND(1)	ND(1)	2	7	1	Soil-gas
HEATHF1-12	PH-03	12	ND(1)	ND(1)	<1	4	<1	Soil-gas
HEATHF1-12-D	PH-03	12	ND(1)	ND(1)	<1	4	<1	Soil-gas
Blank-24	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Duplicate
QCRT-08	N/A	N/A	307	280	255	251	248	QC - System Blank
DAY3-01	PH-01	3	ND(1)	ND(1)	9	32	6	Soil-gas
DAY3-02	PH-01	6	ND(1)	ND(1)	7	26	5	Soil-gas
DAY3-03	PH-01	9	ND(1)	2	6	23	7	Soil-gas
DAY3-04	PH-01	12	2	28	7	25	8	Soil-gas
DAY3-05	PH-02	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1) 5	Soil-gas
DAY3-06	PH-02	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
DAY3-07	PH-02	9	48	39	34	32	53	Soil-gas
DAY3-08	PH-02	12	8	7	5	6	9	Soil-gas
DAY3-09	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
DAY3-10	PH-03	6	ND(1)	ND(1)	ND(1)	2	ND(1)	Soil-gas

D = duplicate analysis.

QC = quality control.

ug/L = micrograms of compound detected per liter of soil vapor analyzed.

ND = not detected at the lower quantifiable limit indicated in parenthesis.

NA = not applicable.

QA Review:

Paul Anderson / KBG

Review Date:

1-31-96 AK 2/13/96

