1R - 4258

REPORTS

DATE:

3-18-10

1R425-82

Vac Jet F-31 2009

RECEIVED

APR - 6 29

Environmental Saleac Oil Conservation Division

DISCLOSURE

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

APR - 6 7741 Environmental Bureau Oil Conservation Division

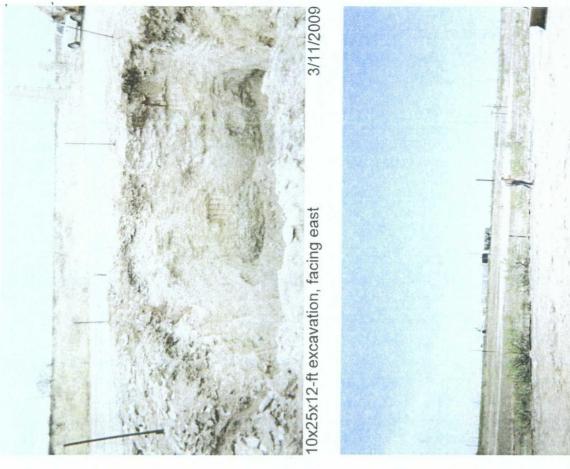
BOX LOCATION

SWD SYSTEM	JUNCTION	TIMU		TOWNSHIP		COUNTY	BOXE	MENSIONS -	FEET DIVISION
Vacuum	Jct. F-31	F	31	17S	35E	Lea	Length	Width	Depth
					<u> </u>		1	eliminated	
LAND TYPE: BLM STATE_X FEE LANDOWNEROTHER									
Depth to Grour	dwater	106	feet	NMOCD	SITE ASS	ESSMENT	RANKING S	CORE:	30*
Date Started	2/17/2	009	Date Cor	mpleted	4/7/2009	OCD	Witness	no	
Soil Excavated	Soil Excavated 66.7 cubic yards Excavation Length 10 Width 15 Depth 12 feet								
Soil Disposed 72 cubic yards Offsite Facility Sundance and CRI Location Eunice and Hobbs, NM									
Soil Disposed	12	cubic yar	ds Off	site Facility	Sundanc	e and CRI	Location	Eunice and I	HODDS, NM
FINAL ANALYTICAL RESULTS: Sample Date 3/10/2009, 3/11/2009, Sample Depth 12 ft									
Procure 5-point cor laboratory test resu									
Sample	Benzene	Toluen	IE Ethyl Benz	ene Total Xyle	nes G	20	DRO	Chlorides	7
Location	mg/kg	mg/kg	·			/kg	mg/kg	mg/kg	_
4-WALL COMP.	<0.050	<0.05				16	1,960	1,620	
BOTTOM COMP.	<0.050	<0.05		3.14		06	1,680	1,010	
BLENDED BACKFIL) = 71 (field)			7.0	1,050	1,260	_
BLENDED BACKFILL	. !! }	PID	= 41.8 (field)		<1	0.0	1,300	544	
General Description Vacuum SWD System A was conducted at the for	bandonment.	After the for	mer box was	removed, an	investigation		CHLOF OCATION	DEPTH	ESTS mg/kg
regular intervals creating	a 10x25x12-fl	excavation	. Chloride fie	eld tests perfo	ormed on eac	h 4	-wall comp.	n/a	1,528
sample yielded concentr							ottom comp.	12'	908
a PID, yielded some elev	ated concentra	ations. The	excavated so	oil was blende	ed on site an	d ble	ended backfill	n/a	880
representative composite	samples were	collected f	from the exca	vation bottom	, walls, and	ble	nded backfill il	n/a	695
blended backfill. Labora	tory analysis o	f the repres	entative com	posite sample	es confirmed	<u>L</u> t	ackground	6"	252
elevated concentrations	of chloride and	ТРН. ВТЕ	X concentrat	ions were be	low NMOCD			1'	425
guidelines. The blended	backfill was fu	ırther blend	led on site wit	th clean, impo	orted soil and	ia		2'	290
representative composite	sample was a	nalyzed by	a commercia	l laboratory.	The blended			3'	478
backfill was returned to the	ne excavation	o ground s	urface and co	ntoured to th	e surroundir	9	vertical	4'	508
area. On 4/30/2009, the	site was seed	ed with a bl	end of native	vegetation a	nd is expecte	ed .	delineation	5'	651
to return to a productive	capacity at a n	ormal rate.	NMOCD was	notified of p	otential		rench 15 ft	6'	1,986
groundwater impact on 3	/5/2010					_ \	West of the	7'	3,227
*A water well is located	834 ft south of	the location	п.	,			junction	8'	3,796
				····		_	(source)	9,	5,032
ADDITIC	NAL EVA	LUATION	V IS HIGH	PRIORIT	ΓY	_		10'	4,018
	· · · ·					_		11'	3,749
enclosures: ph	otos, lab resu	ts, PID (fiel	d) screenings	, BTEX stud	y, chloride cı	irve		12'	3,087
	CERTIFY TH			ON ABOVE VLEDGE AI				HE BEST OF	MY
REPORT ASSEMBLED BY	Katie Jones		INITIAL	5			_	_	
PROJECT LEADER La	rry Bruce Bake	r <u>Jr.</u> SIGN	vature	long.	Buce 1	Schery	DATE	3-19	3-10

Vacuum Jct. F-31

Unit F, Section 31, T17S, R35E





4/30/2009

seeding the backfilled site, facing west

4/6/2009

backfilling the site, facing west



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JORDAN WOODFIN 122 W. TAYLOR HOBBS, NM 88240

Receiving Date: 03/11/09 Reporting Date: 03/16/09

Project Number: NOT GIVEN Project Name: VACUUM JCT F-31 Project Location: VACUUM JCT F-31 Sampling Date: 03/10/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML Analyzed By: AB/TR

GRO

DRO $(C_6-C_{10})\cdot (>C_{10}-C_{23})$

C!*

LAS NUMBER SAMPLE ID

(ma/kq) (ma/kq)

(mg/kg)

ANALYSIS DATE	03/13/09	03/13/09	03/11/09
H17048-1 5PT. BTM COMP.	206	1,680	1,010
Quality Control	478	529	500
True Value QC	500	500	500
% Recovery	95.6	106	100
Relative Percent Difference	6.5	10.9	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB *Analysis performed on a 1:4 w:v aqueous extract.



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JORDAN WOODFIN 122 W. TAYLOR HOBBS, NM 88240

Receiving Date: 03/11/09
Reporting Date: 03/12/09
Resided Alumbas, NOT CIVEN

Project Number: NOT GIVEN
Project Name: VACCUM JCT-31
Project Location: VACCUM JCT-31

Sampling Date: 03/10/09 7Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: ZŁ

LAS NUMBEF SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE	03/11/09	03/11/09	03/11/09	03/11/09
H17048-1 5PT BTM COMP	< 0.050	<0.050	1.28	3.14
H17048-2-6 COMPOSITE OF BTM GRAB	< 0.050	<0.050	1.71	3.70
PT. 1 - 5				
Quality Control	0.049	0.049	0.048	0.144
True Value QC	0.050	0.050	0.050	0.150
% Recovery	98.0	98.0	96.0	96.0
Relative Percent Difference	3.4	4.1	5.6	6.0

METHOD: EPA SW-846 80216

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020 Company Name:

			_		_
122 W 74VEOR		Сотрану:			
The Wills	State:///// Zip: 98.540	Attn:			
	Project Owner:	Address:			
Project Name: Vacuum ort	F-31	State: Zin:	-		
2,	F-31	#			
Sampler Name: Jourhan Word Con	(6,74)	Fax #:	7.3		
FOR LAB UNE ONLY	RS TER	PRESERV SAMPLING	3/2:		
Lab I.D. Sample I.D.	G)RAB OR (CONTAINE STEWAT: OIL	ODVBASE:	17/1/2/2 17/1/2/2		
TUIR Ept Ren Comp		A	15-7-		
1 Bow Creek)		31,6	37:	7/16021	
Bu Gobst		X (5) (4)		- Chillian	
15 (Jan 17 15) (J.)	5 d l	/sa//c		3. e. 1 c. c. c. 11/1	
iculity and Damayes. Cardinals Itability and clients exect unchang Under for negligence and any quest cease with shall Cardinal be listele for instituted at conseminate.	LEASE NOTE: Liculity and Damages, Cardinal's hability and cifant's excusive remedy for any claim arising whether based in contract or text, shall be limited to the amount paid by the client for fine registration and paid to the client for fine and cardinal paid to the applicable.	or tort, shall be limited to the amount par received by Cardinal wilhin 30 days aft	od by the client for the	And the second s	To the second se
inflates ar successors arising out of a refalsed to the performance of services the temporary principal military. Relinquist lett By:	indicas or successars arising out or related to the performance of services hereing to be decided in the property of the prope	Meadin, business litteriuptions, loss of use; or loss of pruties incurred by cherit, its subsidiaries in electron to the transfer such claim is based upon any of the above stated reasons or otherwise, is not in the control of the c		I	
solv.	Time:		Phone Result: Dives Director Fax Result: Dives Director Remarks: Dives Director Fax Remarks: Director Fax Rema	□ No Add'l Phone #: □ No Add'l Fax #:	
	e: Received By:		BANN	Ennail Results to The Angle on All Andrews	
Delivered By: (Circle One) Sampler - UPS - Bus - Other;	Sample Condition Cool Intact	CHEC (In	SPUBLIS WWW.	SHELLS & BUT GARD CON	
	No No No	- CM 59.L.)			

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

			Check l	Model Number:			
M	odel: PGM 7300	Serial No	: 590-000183		Model: PGM 7600	Serial No: 110-	023920
M	odel: PGM 7300	Serial No	: 590-000508		Model: PGM 7600	Serial No: 110-	013744
M	odel: PGM 7300	Serial No	: 590-000504		Model: PGM 7600	Serial No: 110-	013676
	GAS CO	MPOSITIO	N: ISOBUTYI	LENE 100PPM / AIR	: BALANCE		
LOT NO: 08-3475 EXPIRATION					E: \$9-29-0=	<u> </u>	
FILL DATE:	2-29-	08		METER READING	ACCURACY: 100		
			ACCURAC	CY: +/~ 2%			
				<u> </u>			
SYSTE	M JUNCI	CION	UNIT	SECTION	TOWN SHIP	RANGE	
1/		,)			, ~	25-	
Vacuus	$a \mid t \cdot \zeta$	5/	F	51	1)5	うつこ	

SAMPLE ID	PID	SAMPLE ID	PID
5pt Btan Com	p. 292		
p+1	342		
pt Z	296		
P+ 3	133	AMEN	
p+4	275		
pt 5	432		

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATUE: Jundon Woulf

DATE: 3-10-09



ANALYTICAL RESULTS: FOR RICE OPERATING COMPANY ATTN: JORDAN WOODFIN 122 W. TAYLOR HOBBS, NM 88240

Receiving Date: 03/11/09
Reporting Date: 03/16/09
Report Number: NOT CIVEN

Project Number: NOT GIVEN
Project Name: VACUUM JCT F-31
Project Location: VACUUM JCT F-31

Sampling Date: 03/11/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML Analyzed By: AB/TR

GRO DRO (C_6-C_{16}) (> $C_{16}-C_{23}$) C** (mg/kg) (mg/kg) (mg/kg)

LAS NUMBER SAMPLE ID

ANALYSIS DATE	03/13/09	03/13/09	03/12/09
H17050-1 4 WALL COMP.	116	1,960	1,620
H17050-6 BLENDED BACKFILL	67.0	1,050	1,260
Quality Control	478	529	500
True Value QC	500	500	500
% Recovery	95.6	106	100
Relative Percent Difference	6.5	10.9	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB *Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Dale



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JORDAN WOODFIN

122 W. TAYLOR HOBBS, NM 88240

FAX TO: (575) 397-1471

Receiving Date: 03/11/09 Reporting Date: 03/16/09

Project Number: NOT GIVEN
Project Name: VACCUM JCT F-31

Project Location: VACCUM JCT F-31

Sampling Date: 03/11/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: ZL

LAB NUMBEF SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE	03/13/09	03/13/09	03/13/09	03/13/09
H17050-1 4 WALL COMP	<0.050	<0.050	0.111	1.14
H17050-2-5 COMPOSITE OF NORTH,	<0.050	<0.050	0.062	1.21
SOUTH, EAST, & WEST WALLS				
Quality Control True Value QC	0.050 0.050	0.050	0.049	0.150 0.150
% Recovery	100	100	98	100
Relative Percent Difference	1.6	<1.0	<1.0	<1.0

METHOD: EPA SW-846 80218

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

* ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

· (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name:	ELCE OPERATIALS	BILLTO			1
Project Manager:	Te	P.O. #:	_	אוארן אוא אהערבאן	į
Address: (7,	Address: 172 い Tみりしのた	Company:			
City: HC民民	355 State N.W. Zip; 5824C	Attn:		((
Phone #: 50	Phone #: ついっ ディン y Fax #:	Address:			
Project #:	Project Owner:	City:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Project Name:	Vacuum 107 F.31	State: Zip:	15		
Project Location:		Phone #:	70	//	
Sampler Name:	DORDAN MOODER	Fax #:			
FOR LAB USE DREY	MATRIX	PRESERV, SAMPLING	7 5)	
ĺ	G)RAB OR (C)OMP. # CONTRINERS GROUNDWATER WASTEWATER JIOS JIOS	SUDGE OTHER: ACID/BASE: OTHER: OTHER: TIME	799 71d1		
110001	2 WELL CON () (2 / K	X 400:00 2-0/11/2 1	XX		Ì
j	7 5	X 3/1/02 8:454		7 + 1 2 0 1 1	
77	7457 144	11/00			
5		X 311/100 4:50 x		2 10 54	<u> </u>
2/0	Bleuched Backfull C1 K	X dop: 6 60/n/6 >	X		
PLEASE NOTE: Liacility a	PUEASE NOTE, Uscelliv and Damanas, Caralmath Battilliv and release, avolucies, assessed to				

JWOODFUL @ KICKLID. CON SARVISO BICESCOPICON BEARE ROPERICA UNICOSA Zeaults to ☐ Yes ☐ No Add'I Phone #:
☐ Yes ☐ No Add'I Fax #: しょんから Transary of Longithy and Damages, Cardinal's Balding and discrits's enduring received by Cardinal's Balding and discrits's enduring the contract of lart, shall be limited to this unmount paid by this client for the service. In this event shall defined within 30 days after completion of the applicable service. In this event shall defined by Cardinal and proper partial domages, including without himmorn, Dusances increases increased by Cardinal with the services necessary activities to the contract of the services necessary and the services of services necessary contracts of the above stated in the above stated in some services of services necessary and report of the services of services necessary and the services of services necessary and the services of services of services necessary and the services are services and services are services necessary and services are services are services and services are services are services and services ar Phone Result: Fax Result: REMARKS: 7 Y CHECKED BY: (Initials) Sample Condition Cool Intact
Lyes Lyes
No No 19te: 11-09 17.7° × 10 Time: Bampler JIPS - Bus - Other: Delivered By: (Circle One) Relinquished By:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 PID METER CALIBRATION-& FIELD-REPORT-FORM

		Check N	Model Number:		
	Model: PGM 7300	Serial No: 590-000183		Model: PGM 7600	Serial No: 110-02392
	Model: PGM 7300	Serial No: 590-000508		Model: PGM 7600	Serial No: 110-01374
	Model: PGM 7300	Serial No: 590-000504		Model: PGM 7600	Serial No: 110-01367
	GAS CO	MPOSITION: ISOBUTYL	ENE 100PPM / AIR: B.	ALANCE	
LOT NO :	08-3475		EXPIRATION DATE:	8-29-0	9

METER READING ACCURACY: 100

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Vacuum	F-3)	F	31	175	35E

SAMPLE ID	PID	,SAMPLE ID	PID
Guall Comp	212	Blended Backfull	71
E. Wall W. Wall	290		
W. Wall	111		
N. Wall	120	GORW	
N. Wall 5. Wall	175		
The second secon			

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE Judan Woods

FILL DATE: 2-29-09

DATE: 3-11-09



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JORDAN WOODFIN

122 W. TAYLOR HOBBS, NM 88240

Receiving Date: 03/24/09 Reporting Date: 03/26/09

Project Number: NOT GIVEN Project Name: VACUUM JCT F-31

Project Location: VACUUM JCT F-31

Sampling Date: 03/24/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AB

/Analyzed By: AB/TR

GRO

DRO

 (C_6-C_{10}) (>C₁₀-C₂₈)

Cli

LAB NUMBER SAMPLE ID

(mg/kg) (mg/kg)

(mg/kg)

ANALYSIS DATE	03/25/09	03/25/09	03/25/09
H17114-1 BLENDED BACKFILL	<10.0	1,300	544
			·
			.=
Quality Control	402	440	500
True Value QC	500	500	500
% Recovery	80.4	88.0	100
Relative Percent Difference	3.2	18.2	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB *Analysis performed on a 1:4 w:v aqueous extract.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

* ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company realine. KICE DIFFER / 11/19	B/L/ TO		TO CLOX I VIAV		
Project Manager:	* C a		ANALISIS REQUES	ESI	
1001	7.57.F.				
Address: LL M. 14 VLOK	Сотрапу:				
City: HOBIES State NW Zip: 8824	Attn:				
Phone #: 393 4(7 4 Fax #:	Address:	(
Project #: Project Owner:	City:				
Project Name: Vacuum Jit F-31	State: Zin:)			
Project Location: Jackmy Tet F-3	#	u			
,] [;	Fax #;) (<u></u>		
	PRESERV SAMPLING	G/(;г 	
ЕВ		08			
ЯЗИ TAW		3/:			
ATAI	: 8 BASI	10			
ELUD SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	ACIDA CE / C	ルク			
×	3.24-9	×			
PLEASE NOTE: Libbility and Damages, Cardinal's leability and dient's exerciseins comment forces, claim comment				}	
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Relinquished By: Pate Pate Received By:	Is bosed upon any of the above stated reasons or otherwise. Phone Result	نا	Add Phone #:		ſ
STILL MOSSICIAL TIME.	Fax Result:	ult: 🗆 Yes 🗀 No	Add'l Fax #:		
Relinquished By: Active Bate: Received By:	MEIMARKS:	EMAIL R	esults to	:	
Time:		BBALERE	BBAKER® ZICEMO.CON	No	
Delivered By: (Circle One) Sample Condition	CHECKED BY:	CJPURVISA	RICESMO.C.	he	
		•		•	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

a JUNODFING RICKSURION

(Initials)

Sample Condition
Cool Intact
X Yes X Yes

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

RICE OPERATING COMPANY

Check Model Number:

Model: PGM 7600

Serial No: 110-023920

PHONE: (575) 393-9174 FAX: (575) 397-1471
PID METER CALIBRATION & FIELD REPORT FORM

Serial No: 590-000183

		: PGM 7300 : PGM 7300		5: 590-000508 5: 590-000504		Model: PGM 7600 Model: PGM 7600	Serial No: 110-013744 Serial No: 110-013676
		GAS CO	MPOSITIC	N: ISOBUTYI	LENE 100PPM / AIR	BALANCE	
LOT NO :	08	- 3425			EXPIRATION DATI	10-29-09	
FILL DAT	_	-29-0			METER READING	ACCURACY: 99. 9	
				ACCURAC			
SYST	EM	JUNC	TION	UNIT	SECTION	TOWN SHIP	RANGE
Vacus	(N	F-3.	/	F	3/	175	350
	SA.	MPLE ID	1 211	PID	SAI	MPLE ID	PID
Blee	nde	d bac	12Fill	41.4			
				i'		·- · · · · · · · · · · · · · · · · · ·	
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		·					
		······································					

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATUE! Jundon Hoool

Model: PGM 7300

DATE: 3-24-89

2009 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System:

Vacuum Jct. F-31

Sampler: Date:

Jordan Woodfin 3/10/2009

Laboratory:

Cardinal Laboratories

l continu	Componer	PID reading	ш.	FIELD COMPOSITE	ITE (mg/kg)	3)
LOCALIOI	Collibolielit	(mdd)	Benzene	Toluene	Ethyl Benzene	Total Xylenes
110000	North Wall	120				
4-Wall	South Wall	175	030 0	040	7	7
10 ft × 16 ft	East Wall	290	000.0>	00.0>		<u>+</u>
1011 × 1011	West Wall	111				
				LAB COMPOSITE	TE (mg/kg)	
			050.0>	<0.050	0.062	1.21

laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern. Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under

2009 BTEX Study

Revised Junction Box Upgrade Plan (2003)

Vacuum System:

Jct. F-31

Date: Sampler:

3/10/2009

Jordan Woodfin

Laboratory:

Cardinal Laboratories

_		سعمس					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	 	
(1	Total Xylenes			3.14				3.70)
TE (mg/kg)	Ethyl Benzene			1.28			⁻ E (mg/kg)	171	- - -
FIELD COMPOSITE	Toluene			<0.050		LAB COMPOSITE	<0.050		
L	Benzene			<0.050				<0.050	
PID reading	(ppm)	342	296	133	275	432			
Component	Component	1	2	3	4	5			
acite000	LUCATION		bottom	composite at	12 ft BGS				

laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under Revised Junction Box Upgrade Work Plan (July 16, 2003) collected in a skewed 'W' pattern.

Vacuum Jct. F-31

Unit 'F', Sec. 31, T17S, R35E

Backhoe samples at 20 ft West of the junction (source)

[CI] ppm	425	290	478	508	651	1986	3227	3796	5032	4018	3749	3087
Depth bgs (ft)	1	2	3	4	2	9	2	8	6	10	11	12

Groundwater = 106 ft

