

AP - 007

STAGE 1 & 2 WORKPLANS

DATE:

JAN. 2006

**SITE RESTORATION WORK PLAN
AND
PROPOSED SOIL CLOSURE STRATEGY**

DARR ANGELL NO. 2 SITE

Lea County, New Mexico

**SW ¼ of the SE ¼ of Section 11, Township 15 South, Range 37 East
NW ¼ of the NE ¼ of Section 14, Township 15 South, Range 37 East**

Latitude: North 33° 01' 47.0"

Longitude: West 103° 10' 10.7"

PLAINS EMS No.: LF-1999-62

NMOCD ID No.: AP-07



Prepared For:
Plains Marketing, L.P.
333 Clay Street, Suite 1600
Houston, Texas 77002

Prepared By:
NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

VOLUME #2

January 2006

Appendix B
Laboratory Reports

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY
ATTN: MRS. LENNAH FROST
P.O. BOX 1660
MIDLAND, TEXAS 79703
FAX: 915-687-2713

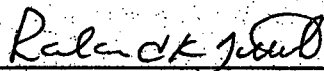
Sample Type: Soil
Sample Condition: Intact
Project #: None Given
Project Name: None Given
Project Location: Darr Angell #2

Sampling Date: 08/20/99
Receiving Date: 08/20/99
Analysis Date: 08/23/99

ELT#	FIELD CODE	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	DRO C10-C28 (mg/kg)
19333	NE of Source - 3' Deep	<0.100	<0.100	4.82	40.92	15.82	4571
19334	SE of Source - 1 1/2' Deep	<0.100	<0.100	4.86	27.55	11.27	2170
19335	NW of Source - 2 1/2' Deep	<0.100	<0.100	8.82	37.55	17.66	5361
19336	SW of Source - 1 1/2' Deep	<0.100	0.332	0.179	0.431	<0.100	1884
19337	25' SE of Source - 1 1/2' Deep	<0.100	<0.100	0.229	1.01	<0.100	253

%IA	93	89	88	87	88	97
%EA	96	91	88	90	90	94
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100	<10

METHODS: EPA SW 846-8020,5030, 8015M DRO


Rafael K. Tuttle

8-24-99
Date

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

[illegible]

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JERRY NICKELL
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

Sample Type: Soil
Sample Condition: Intact
Project #: EOT1020R
Project Name: Darr Angel #2
Project Location: Lovington, N.M.

Sampling Date: 08/30/99
Receiving Date: 08/31/99
Analysis Date: 09/02/99

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
19672	GP1-001	3413	9488
19673	GP2-001	1967	6696
19674	GP3-001	<10	229
19675	GP4-001	4737	10674
19676	GP5-001	<10	251
19677	GP6-001	130	4847
19678	GP7-001	<10	241
19679	GP8-001	3146	8294
19680	GP9-001	<10	176
19681	GP10-001	445	7557
19682	GP11-001	<10	97
19683	GP12-001	5802	16145
19684	GP13-001	2739	8058
19685	GP14-001	941	16284
19686	GP15-001	43	965
	BLANK	<10	<10
	QUALITY CONTROL	280	321
	TRUE VALUE	300	300
	% PRECISION	93	107

Methods: SW-846 8015M GRO/DRO

Raland K. Tuttle
Raland K. Tuttle

9-8-99
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

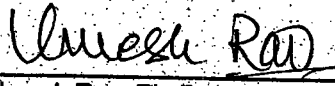
ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Soil
Sample Condition: Intact/ 32 deg. F
Project #: EOT 2020R
Project Name: Darr Angel #2
Project Location: Lea County, N.M.

Sampling Date: 05/17/00
Receiving Date: 05/17/00
Analysis Date: 05/19/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
25839	SS01 North Wall Pipeline 2'	<10	<10
25840	SS02 North Wall West 2'	594	13720
25841	SS03 North Wall East 2'	12	5284
25842	SS04 West Wall A. Pipeline 2'	661	24538
25843	SS05 East Wall A. Pipeline 2'	626	19579
25844	SS06 South Wall West 2'	561	8977
25845	SS07 South Wall East 2'	902	3656
25846	SS08 South Wall Pipeline 2'	<10	197
25847	SS09 Stock Pile B NW 1'	381	8749
25848	SS10 Stock Pile B NG 1'	451	7743
25849	SS11 Stock Pile B SW 1'	199	6863
25850	SS12 Stock Pile B SE 1'	243	7697
25851	SS13 Stock Pile A South 1'	<10	933
25852	SS14 Stock Pile A North 1'	<10	112
% IA		97	95
% EA		115	97
BLANK		<10	<10

METHODS: SW 846-8015M GRO/DRO


Umesh Rao, Ph. D.

5/22/00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Soil
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2020R
Project Name: Darr Angel #2
Project Location: Lea County, N.M.

Sampling Date: 05/17/00
Receiving Date: 05/17/00
Analysis Date: 05/22/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
25839	SS01 North Wall Pipeline 2'	<0.100	0.122	<0.100	0.121	<0.100
25840	SS02 North Wall West 2'	<0.100	0.136	<0.100	0.147	0.112
25841	SS03 North Wall East 2'	<0.100	<0.100	<0.100	<0.100	<0.100
25842	SS04 West Wall A. Pipeline 2'	<0.100	0.173	0.171	0.203	0.341
25843	SS05 East Wall A. Pipeline 2'	<0.100	0.282	0.188	0.335	0.272
25844	SS06 South Wall West 2'	<0.100	<0.100	<0.100	0.279	0.162
25845	SS07 South Wall East 2'	<0.100	0.254	0.184	1.83	1.42
25846	SS08 South Wall Pipeline 2'	<0.100	<0.100	<0.100	<0.100	<0.100
25847	SS09 Stock Pile B NW	0.123	2.210	1.080	1.640	0.681
25848	SS10 Stock Pile B NE 1'	<0.100	0.199	0.339	0.361	0.303
25849	SS11 Stock Pile B SW 1'	<0.100	0.142	0.259	0.243	0.250
25850	SS12 Stock Pile B SE 1'	<0.100	<0.100	0.467	0.371	0.353
25851	SS13 Stock Pile A South 1'	<0.100	0.250	<0.100	0.164	<0.100
25852	SS14 Stock Pile A North 1'	<0.100	<0.100	<0.100	0.172	<0.100
% IA		107	102	102	112	102
% EA		99	97	96	107	92
BLANK		<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B, 5030


Umesh Rao, Ph. D.

5/24/00
Date

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763 (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 139

Project Manager: JESSE TAYLOR Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: ETRI
P.O. BOX 4845 MIDLAND TX 79704

Project #: LOT 2020 R Project Name: DEER ANGEL #2

Project Location: LEA COUNTY NM Sampler Signature: Simon Coors

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				DATE	TIME
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER		
25039	SS01 NORTH WALL PIPELINE 2' LGS	407	X								X			5-17	1500
25040	SS02 NORTH WALL WEST 2' LGS														1304
25041	SS03 NORTH WALL EAST 2' LGS														1311
25042	SS04 WEST WALL A PIPELINE 2' LGS														1318
25043	SS05 EAST WALL A PIPELINE 2' LGS														1322
25044	SS06 SOUTH WALL WEST 2' LGS														1330
25045	SS07 SOUTH WALL EAST 2' LGS														1338
25046	SS08 SOUTH WALL PIPELINE 2' LGS														1345
25047	SS09 STOCK PILE B NW 1'														1406
25048	SS10 STOCK PILE B NE 1'														1411
25049	SS11 STOCK PILE B SW 1'														1415

Relinquished by: <u>Simon Coors</u>	Date: <u>5-17-00</u>	Times: <u>1530</u>	Received by:
Relinquished by: <u>Quate Janice</u>	Date: <u>5/17/00</u>	Times: <u>8:45</u>	Received by: <u>J. Mcmurry</u>
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS
MAIL PASSENGER K. DUTTON
Rec 32.0°F
INVOICE: 5077 1015 AM

ANALYSIS REQUEST

TPH	8015	200/500
TCLP Metals Ag As Ba Cd Cr Pb Hg Se		
Total Metals Ag As Ba Cd Cr Pb Hg Se		
TCLP Volatiles		
TCLP Semi Volatiles		
TDS		
RCI		

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 139

Phone #: (505) 352-8731

FAX # (505) 392-3760

1957

P.O. BOX 4845 MIPLAND TX 75702

Project Name:

507 2020 R

Sampler Signature:

LEA COUNTY NM

LED COUNTY NM

[illegible]

Relinquished by: James Case

517-00

1830

1830

Relinquished by: Justine Jones

5/17/00

5:45

Samuel B

Relinquished by.

1001

1

Received by Laboratory:

REMARKS

MARKS

MALE Results: K. DUTTON

Rec 32°F

Invoice: ECT 1015m

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.

ATTN: MR. JESSE TAYLOR

P.O. BOX 4845

MIDLAND, TEXAS 79704

FAX: 915-520-4310

FAX: 505-392-3760

SampleType: Soil

Sample Condition: Intact/ Iced/ 30 deg. F

Project #: EOT 2020R

Project Name: Darr Angel #2

Project Location: Lea County, N.M.

Sampling Date: 06/01/00

Receiving Date: 06/03/00

Analysis Date: 06/03 & 06/08/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
26259	RW 1C (5')	<0.100	1.77	0.836	5.34	0.965
26260	RW 1SS (10')	<0.100	16.3	9.34	41.9	13.4
26261	RW 1C (15')	<0.100	3.40	1.59	6.64	2.47
26268	RW 1SS (50')	<0.100	3.34	3.28	12.1	4.45
26269	RW 1SS (55')	29.9	169	63.8	183	59.1
26270	RW 1SS (60')	<0.100	4.37	3.02	9.97	3.66
26271	RW 2C (5')	<0.100	11.1	4.76	19.3	8.12
26272	RW 2C (10')	<0.100	5.54	2.99	11.9	4.43
26273	RW 2C (15')	0.666	14.3	6.05	24.7	9.15
26274	RW 2C (20')	<0.100	5.00	2.95	12.2	4.65
26281	RW 2SS (55')	<0.100	4.90	3.60	8.06	4.20

% IA	95	93	94	104	95
% EA	92	91	94	103	94
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-80218,5030



Raland K. Tuttle

6-9-00

Date

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 147

Project Manager:

Phone #: (915) 664-9166

JESSE TAYLOR

FAX #: (565) 392-3760

Company Name & Address:

ETGI

PO BOX 4845 MIDLAND TX 79704

Project #:

Project Name:

EOT2020R

DARR ANGELZ #20

Project Location:

Sampler Signature:

LEA COUNTY NM

[Signature]

LAB # (LAB USE COPY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER
26259	RW1C (5')	1	40%	X					X			DATE: 6/1/00	TIME: 0800
26260	RW1SS (6')											DATE: 0840	TIME: 0840
26261	RW1C (15')											DATE: 0850	TIME: 0850
26262	RW1SS (20')											DATE: 0900	TIME: 0900
26263	RW1SS (25')											DATE: 0910	TIME: 0910
26264	RW1SS (30')											DATE: 0920	TIME: 0920
26265	RW1SS (35')											DATE: 0930	TIME: 0930
26266	RW1SS (40')											DATE: 1000	TIME: 1000
26267	RW1SS (45')											DATE: 1015	TIME: 1015
26268	RW1SS (50')											DATE: 1030	TIME: 1030
26269	RW1SS (55')											DATE: 1045	TIME: 1045

Relinquished by:	Date:	Time:	Received by:	Time:	REMARKS:
<i>[Signature]</i>	6/3/00	0900	<i>[Signature]</i>		JOB # IS EOT2020R - NOT 2055 ON JAR LIDS 300 F FR: (505) 392-3760
Relinquished by:	Date:	Time:	Received by:	Time:	
<i>[Signature]</i>	6/3/00	1630	<i>[Signature]</i>		
Relinquished by:	Date:	Time:	Received by:	Time:	

ANALYSIS REQUEST

1 of 4

TPH 8015 JRO/ERO
BTEX 81210
TCLP Metals Ag As Ba Cd Cr Pb Hg Se
Total Metals Ag As Ba Cd Cr Pb Hg Se
TCLP Volatiles
TCLP Semi Volatiles
TOS
RCI

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COE: 147

Project Manager:

JESSE TAYLOR

Phone #:

(915) 664-9166

Company Name & Address:

ETGI

FAX #:

(505) 392-3960

ANALYSIS REQUEST

2 of 4

Project #:

EOT 2020R

Project Name:

PER ANGEL #2

Project Location:

LEA COUNTY NPA

Sampler Signature:

[Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME
20270	RW1 SS (60')	1	402	X							X			6/11/07	1107
20271	RW2 C (5')	1												1400	1400
20272	RW2 C (10')													1410	1410
20273	RW2 C (15')													1420	1420
20274	RW2 C (20')													1430	1430
20275	RW2 SS (25')													1440	1440
20276	RW2 SS (30')													1450	1450
20277	RW2 SS (35')													1500	1500
20278	RW2 SS (40')													1515	1515
20279	RW2 SS (45')													1530	1530
20280	RW2 SS (50')													1600	1600

REMARKS

Job # IS 2020R vs 2055

30°F

FR: 392-3960

Received by:

[Signature]

Times:

0900

Date:

6/3/00

Received by:

[Signature]

Times:

1630

Date:

6/3/00

Received by Laboratory:

Times:

Date:

7. ER: (505) 392-3760

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 147

Project Manager:

Phone #: (915) 664-9166

JESSE TAYLOR

Company Name & Address:

ETG-I

PO BOX 4845 MIDLAND TX 79704

Project #:

Project Name:

EOT 2020R DARR ANGELIC #2

Project Location:

Sampler Signature:

LEN COUNTY NM

I USE (LAB USE ONLY)	FIELD CODE	# CONTAINERS	MATRIX				PRESERVATIVE METHOD				SAMPLING	
			WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER
21.2.92	SB.1.55 (45)	1	400	X								DATE 6/2/1000
21.2.93	SB.1.55 (50)											TIME 1030
26.2.94	SB.1.55 (55)											1050
26.2.95	SB.1.55 (57)											1110

Relinquished by:

Jesse Taylor

Date:

6/3/10

Time:

0900

Relinquished by:

Jesse Taylor

Date:

6/3/10

Time:

1630

Relinquished by:

Jesse Taylor

Date:

6/3/10

Time:

1630

REMARKS

2.6.4.25.2020 VS 2.6.5.5 30.21

FR: (505) 392-3960

ANALYSIS REQUEST

4 of 4

TPH	8015	120160
BTX 811211		
TCLP Metals Ag As Ba Cd Cr Pb Hg Se		
Total Metals Ag As Ba Cd Cr Pb Hg Se		
TCLP Volatiles		
TCLP Semi Volatiles		
TOS		
NCI		

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

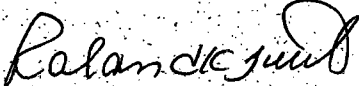
SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2020R
Project Name: Darr Angel #2
Project Location: Lea County, N.M.

Sampling Date: 06/01/00
Receiving Date: 06/03/00
Analysis Date: 06/03 & 06/08/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
26259	RW 1C (5')	<0.100	1.77	0.836	5.34	0.965
26260	RW 1SS (10')	<0.100	16.3	9.34	41.9	13.4
26261	RW 1C (15')	<0.100	3.40	1.59	6.64	2.47
26268	RW 1SS (50')	<0.100	3.34	3.28	12.1	4.45
26269	RW 1SS (55')	29.9	169	63.8	183	59.1
26270	RW 1SS (60')	<0.100	4.37	3.02	9.97	3.66
26271	RW 2C (5')	<0.100	11.1	4.76	19.3	8.12
26272	RW 2C (10')	<0.100	5.54	2.99	11.9	4.43
26273	RW 2C (15')	0.666	14.3	6.05	24.7	9.15
26274	RW 2C (20')	<0.100	5.00	2.95	12.2	4.65
26281	RW 2SS (55')	<0.100	4.90	3.60	8.06	4.20

% IA	95	93	94	104	95
% EA	92	91	94	103	94
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B, 5030



Raland K. Tuttle

6-9-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

Sample Type: Soil
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2020C
Project Name: Darr Angel #2
Project Location: None Given

Sampling Date: 06/05/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
26494	SB2C (5')	<10	<10
26495	SB2C (10')	<10	<10
26496	SB2SS (15')	<10	<10
26497	SB2SS (20')	<10	<10
26498	SB2SS (25')	<10	<10
26499	SB2SS (30')	<10	<10
26500	SB2SS (35')	<10	<10
26501	SB2SS (40')	<10	<10
26502	SB2SS (45')	<10	<10
26503	SB2SS (50')	<10	<10
26504	SB2SS (57')	<10	<10
26505	SB3C (5')	<10	<10
26506	SB3C (10')	<10	<10
26507	SB3C (15')	<10	<10
26508	SB3C (20')	<10	<10
26509	SB3C (25')	<10	<10
26510	SB3C (30')	<10	<10
26511	SB3C (35')	<10	<10
26512	SB3C (40')	<10	<10
26513	SB3C (45')	<10	<10
26514	SB3C (50')	<10	<10
26515	SB3C (60')	<10	<10

% IA	82	100
% EA	92	111
BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Umesh Rao
Umesh Rao, Ph. D.

6/15/00
Date

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

Project Manager:

JESSE TAYLOR

Phone #: (915) 664-9166

FAX #: (915) 392-3760

Company Name & Address:

ETGI

P.O. Box 4845 MIDLAND, TX 79704

Project #:

EOT 2020C

Project Name:

DARR ANGELL #2

Project Location:

Sampler Signature:

[Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME
26494	582C (5')	1	402	X							X			6/5	1100
26495	582C (10')														1102
26496	58253 (15')														1103
26497	58255 (20')														1115
26498	58255 (25')														1126
26499	58255 (30')														1140
26500	58255 (35')														1224
26501	58255 (40')														1241
26502	58255 (45')														1303
26503	58255 (50')														1318
26504	58255 (57')														1344

Relinquished by:

[Signature]

Date:

8/9/00

Times:

1510

Received by:

[Signature]

Relinquished by:

[Signature]

Date:

10/1/00

Times:

1100

Received by:

[Signature]

Received by Laboratory:

[Signature]

REMARKS

FR: (505) 392-3760

32°F

Relinquished by:

[Signature]

Date:

10/1/00

Times:

1100

Received by Laboratory:

[Signature]

INVOICE EOT

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

POC: 152

ANALYSIS REQUEST

TPH	8015 GLO 1240	X
TCLP Metals Ag As Ba Cd Cr Pb Hg Se		
Total Metals Ag As Ba Cd Cr Pb Hg Se		
TCLP Volatiles		
TCLP Semi Volatiles		
TDS		
RCI		

1 of 2

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

POC: 152

Project Manager:

JESSE TAYLOR

Phone #: (915) 664-9766

FAX #: (915) 392-3768

Company Name & Address: ETGI

P.O. Box 4845 MIDLAND, TX 79704

Project #:

EOT 2020C

Project Name:

DARR ANGELL #2

Project Location:

Lawton, NM

Sample Signature:

Jeth Aldrich

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	MATRIX				PRESERVATIVE METHOD				SAMPLING	
			WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER
26505	SB3C (5')	1	X							X		
26506	SB3C (10')											
26507	SB3C (15')											
26508	SB3C (20')											
26509	SB3C (25')											
26510	SB3C (30')											
26511	SB3C (35')											
26512	SB3C (40')											
26513	SB3C (45')											
26514	SB3C (50')											
26515	SB3C (60')											

Relinquished by:	<i>Jeth Aldrich</i>	Date:	09/26/00	Times:	1510	Received by:	<i>Anna Lauer</i>
Relinquished by:	<i>Anna Lauer</i>	Date:	10/10/00	Times:	1140	Received by:	<i>Rebecca Judd</i>
Relinquished by:		Date:		Times:		Received by Laboratory:	

REMARKS

32 OF

BTEX 81020/5030

TPH 8015-60100

TCLP Metals Ag As Ba Cd Cr Pb Hg Se

Total Metals Ag As Ba Cd Cr Pb Hg Se

TCLP Volatiles

TCLP Semi Volatiles

TDS

RCI

ANALYSIS REQUEST

2072

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

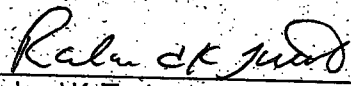
ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2020R
Project Name: Darr Angel #2
Project Location: Lea County, N.M.

Sampling Date: 06/01/00
Receiving Date: 06/03/00
Analysis Date: 06/07/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
26259	RW 1C (5')	60	823
26260	RW 1SS (10')	781	2257
26261	RW 1C (15')	81	965
26262	RW 1SS (20')	<10	<10
26263	RW 1SS (25')	<10	<10
26264	RW 1SS (30')	<10	<10
26265	RW 1SS (35')	<10	<10
26266	RW 1SS (40')	<10	<10
26267	RW 1SS (45')	<10	<10
26268	RW 1SS (50')	<10	<10
26269	RW 1SS (55')	454	1264
26270	RW 1SS (60')	7092	10152
26271	RW 2C (5')	388	1227
26272	RW 2C (10')	910	2850
26273	RW 2C (15')	515	2041
26274	RW 2C (20')	1456	4764
26275	RW 2C (25')	563	2857
26276	RW 2SS (25')	<10	102
26277	RW 2SS (30')	<10	<10
26278	RW 2SS (35')	<10	32
26279	RW 2SS (40')	<10	<10
	RW 2SS (45')	<10	<10
	% IA	80	92
	% EA	99	116
	BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO


Randal K. Tuttle

6-9-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

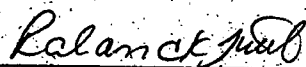
SampleType: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2020R
Project Name: Darr Angel #2
Project Location: Lea County, N.M.

Sampling Date: See Below
Receiving Date: 06/03/00
Analysis Date: 06/07/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
26280	RW 2SS (50')	53	648	06/01/00
26281	RW 2SS (55')	916	3716	06/01/00
26282	RW 2SS (60')	12	285	06/01/00
26283	RW 2SS (65')	<10	221	06/01/00
26284	SB 1C (5')	<10	<10	06/02/00
26285	SB 1C (10')	<10	<10	06/02/00
26286	SB 1C (15')	<10	<10	06/02/00
26287	SB 1C (20')	<10	<10	06/02/00
26288	SB 1SS (25')	<10	<10	06/02/00
26289	SB 1C (30')	<10	<10	06/02/00
26290	SB 1SS (35')	<10	<10	06/02/00
26291	SB 1SS (40')	<10	<10	06/02/00
26292	SB 1SS (45')	<10	<10	06/02/00
26293	SB 1SS (50')	<10	<10	06/02/00
26294	SB 1SS (55')	<10	<10	06/02/00
26295	SB 1SS (57')	<10	<10	06/02/00

% IA	88	96
% EA	90	106
BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO



Raland K. Tuttle

6-9-00
Date

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763 (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 147

Project Manager: JESSE TAYLOR Phone #: (915) 664-9166 FAX #: (505) 392-3768

Company Name & Address: ETGI PO BOX 4845 MIDLAND TX 79704

Project #: 6072020R Project Name: DARR ENGELZ #2

Project Location: LEA COUNTY NM Sampler Signature: [Signature]

Project Location: LEA COUNTY NM

LAB # (LAB USE) ONLY	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		DATE	TIME	BTEX 81120	TPH	TCLP Metals Ag As	Total Metals Ag As	TCLP Volatiles	TCLP Semi Volatile	TDS	RCI
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER										
26259	RW1C (5')	1	4oz	X							X			6/1/88	2000	X	X						
26260	RW1SS (10')													6/1/88	2000	X							
26261	RW1C (15')																						
26262	RW1SS (20')																						
26263	RW1SS (25')																						
26264	RW1SS (30')																						
26265	RW1SS (35')																						
26266	RW1SS (40')																						
26267	RW1SS (45')																						
26268	RW1SS (50')																						
26269	RW1SS (55')																						

Relinquished by: [Signature]	Date: 6/3/88	Times: 0900	Received by: [Signature]	Time: 0900
Relinquished by: [Signature]	Date: 6/3/88	Times: 1630	Received by: [Signature]	Time: 1630
Relinquished by: [Signature]	Date: 6/3/88	Times: 1630	Received by: [Signature]	Time: 1630

REMARKS: JOB # IS EOT 2020R - NOT 2055 ON JAR LIDS 30°F

FR: (505) 392-3768

ANALYSIS REQUEST

147

TPH 8015 200/810
BTEX 8120 X
TCLP Metals Ag As Ba Cd Cr Pb Hg Se
TCLP Volatiles
TCLP Semi Volatiles
TDS
RCI

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763 (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 147

Project Manager: JESSE TAYLOR		Phone #: (915) 664-9166		ANALYSIS REQUEST		2 of 4								
Company Name & Address: ETGI PO BOX 4845 MIDLAND TX 79704		FAX #: (915) 392-3760												
Project #: LOT 2020R		Project Name: DARR ANGEL #2												
Project Location: LEA COUNTY NM		Sampler Signature: <i>[Signature]</i>												
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE
26270	RW1 SS (60')	1	402	X								X	6/1	1100P
26271	RW2 C (5')											X	1400P	X
26272	RW2 C (10')											X	1410P	X
26273	RW2 C (15')											X	1420P	X
26274	RW2 C (20')											X	1430P	X
26275	RW2 SS (25')												1440P	
26276	RW2 SS (30')												1450P	
26277	RW2 SS (35')												1500P	
26278	RW2 SS (40')												1515	
26279	RW2 SS (45')												1530P	
26280	RW2 SS (50')												1600P	
Relinquished by: <i>[Signature]</i>		Date: 6/3/00	Times: 0900	Received by: <i>[Signature]</i>		REMARKS: Job # JS 2020R vs 2055								
Relinquished by: <i>[Signature]</i>		Date: 6/3/00	Times: 1630	Received by: <i>[Signature]</i>		30°F								
Relinquished by: <i>[Signature]</i>		Date: 6/3/00	Times:	Received by Laboratory:		FR: 392-3760								

TPH 8015 DRO/ERO
BTX 80120/300

TCLP Metals Ag As Ba Cd Cr Pb Hg Se
TCLP Volatiles
TCLP Semi Volatiles
TDS
RCI

Environmental Lab of Texas, Inc. 12500 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 147

Project Manager: JESSE TAYLOR Phone #: (915) 664-9166

Company Name & Address: ETCI FAX #: (505) 392-3760

PO Box 4845 MIDLAND TX 79704

Project #: EOT 2020R Project Name: DARK ANGELC #2

Project Location: LEN COUNTY NM

Sampler Signature: [Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD					SAMPLING		
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME		
26292	SB1SS (45)	1	4oz	X											6/2/00	1000	
26293	SB1SS (50)															6/2/00	1030
26294	SB1SS (55)															6/2/00	1050
26295	SB1SS (57)															6/2/00	1110

TPH	8015	120160
TCLP Metals Ag As Ba Cd Cr Pb Hg Se		
Total Metals Ag As Ba Cd Cr Pb Hg Se		
TCLP Volatiles		
TCLP Semi Volatiles		
TDS		
RCI		

ANALYSIS REQUEST

4 of 4

Relinquished by: [Signature]	Date: 6/3/00	Times: 0900	Received by: [Signature]	REMARKS: Job #23 2020 VS 2055 30°F
Relinquished by: [Signature]	Date: 6/3/00	Times: 1630	Received by: [Signature]	FR: (505) 392-3760
Relinquished by:	Date:	Times:	Received by: Laboratory:	

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Soil
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2020C
Project Name: Darr Angel
Project Location: Lovington, N.M.

Sampling Date: 06/06/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
26462	SB4 C (5')	<10	<10
26463	SB4 C (10')	<10	<10
26464	SB4 C (15')	<10	<10
26465	SB5 C (5')	<10	<10
26466	SB5 C (10')	<10	<10
26467	SB5 C (15')	<10	<10
26468	SB6 C (5')	<10	<10
26469	SB6 C (10')	<10	<10
26470	SB6 C (15')	<10	<10
26471	SB7 C (5')	<10	<10
26472	SB7 C (10')	<10	<10
26473	SB7 C (15')	<10	<10
26474	SB8 C (5')	<10	<10
26475	SB8 C (10')	<10	<10
26476	SB8 C (15')	<10	<10
26477	SB9 C (5')	<10	<10
26478	SB9 C (10')	<10	<10
26479	SB9 C (15')	<10	<10
26480	SB10 C (5')	<10	<10
26481	SB10 C (10')	<10	<10
26482	SB10 C (15')	<10	<10
26483	MW #1C (5')	<10	<10
26484	MW #1C (10')	<10	<10
26485	MW1 C (15')	<10	<10
% IA		97	112
% EA		109	121
BLANK		<10	<10

METHODS: SW 846-8015M GRO/DRO

Umesh Rao
Umesh Rao, Ph. D.

6/14/00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Soil
Sample Condition: Intact/ Iced/ 32 deg. F
Project #: EOT 2020C
Project Name: Darr Angel
Project Location: Lovington, N.M.

Sampling Date: 06/06/00
Receiving Date: 06/10/00
Analysis Date: 06/13/00

ELT#	FIELD CODE	GRO	DRO
		C6-C10 mg/kg	>C10-C28 mg/kg
26486	MW #1C (20')	<10	<10
26487	MW #1 S/S (25')	<10	<10
26488	MW #1SS (30')	<10	<10
26489	MW #1 SS (35')	<10	<10
26490	MW #1 SS (40')	<10	<10
26491	MW #1 SS (45')	<10	<10
26492	MW #1 SS (52')	<10	<10
26493	MW #1C (65')	<10	<10

% IA	90	96
% EA	89	106
BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO

Umesh Rao
Umesh Rao, Ph. D.

6/14/00
Date

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

00:151

ANALYSIS REQUEST

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

Phone #: 915-664-9166

FAX# (505) 392-3760

Company Name & Address: ETGI

P.O. Box 4845 MIDLAND, TX 79704

Project Name :

DARR ANGELL #2

Sampler Signature:

Livingston NM

FIELD CODE

LAB USE ONLY

26462	SB4 (5)	4 ₂	X	X	U6081
-------	---------	----------------	---	---	-------

26463 5B4c (10')

26464	534 c (15")	1058
-------	-------------	------

226465	5135	c (s')	0915
--------	------	--------	------

5B5 c (10')	260466
09772	

260467	735 c. (5')	09/21
--------	-------------	-------

26468	SRG c (S)	0740
-------	-----------	------

226469	556 c	(D)	0043
--------	-------	-----	------

26470	5B6c (V ⁵¹)	0946
-------	-------------------------	------

26471	537 c (s')	1002
-------	------------	------

REMARKS

FR: (545) 392-3760
32°F

Invoice: ECTT

15:00

ANALYSIS REQUEST

Phone #: 915/664-9166

FAX# (505) 392-3760

Company Name & Address: ETGI

P.O. Box 4845 MIDLAND, TX 79704

Project #:

17. 11. 2017

Project Location:

Livingston, NM.

[illegible]

REMARKS

Received by:

10

Date: _____

Relinquished by

Simon Laas

Received by: *John K. Lee*

Πηλ:

Date: 12/1/2011

Revised by:

FR (SP5) 392-3746

32°F

Inventory

pg 30 f3

Phone #: (915) 664-9166

FAX #: (505) 392-3760

34

Project Proposal:

Project Proposal:

Sampler Signature:

Beth Aldrich

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				DATE	TIME	SAMPLING	
				WATER	SOIL	AIR	SLUDGE	CLITTER	HCL	HNO3	ICE	NONE	OTHER				
26484	MW12 (10')	1	100L	X								X			6/6/12	12:12	
26485	MW12 (15')	1													12:51		
26486	MW12 (20')	1													12:51		
26487	MW12 (25')	1													13:02		
26488	MW12 (30')	1													13:22		
26489	MW12 (35')	1													13:55		
26490	MW12 (40')	1													13:50		
26491	MW12 (45')	1													14:08		
26492	MW12 (50')	1													14:26		
26493	MW12 (65')	1													15:20		

Date:	Time:
-------	-------

09 June 08	1455
------------	------

Date:	Time:
-------	-------

10/10/00	11/00
----------	-------

Date: _____ Time: _____

Received by:

Asman

Reclusey.

Kend

Received by L

REMARKS

32

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 MARLAND
HOBBS, N.M. 88240
FAX: 915-520-4310
FAX: 505-397-4701

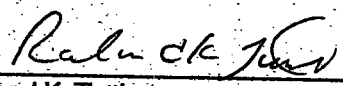
Sample Type: Soil
Sample Condition: Intact/ Iced/ 29 deg. F
Project #: EOT 2020C
Project Name: Darr Angel #2
Project Location: Lovington, N.M.

Sampling Date: 06/12/00
Receiving Date: 06/17/00
Analysis Date: 06/22/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	TOTAL BTEX mg/kg
26975	MW 2 (C) 55'	<0.100	0.724	<0.100	1.27	0.318	2.31

% IA	99	99	100	113	101
% EA	94	86	93	107	96
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030


Raland K. Tuttle

6-26-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

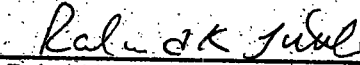
Sample Type: Soil
Sample Condition: Intact/ Iced/ 29 deg. F
Project #: EOT 2020C
Project Name: Darr Angel #2
Project Location: Lovington, N.M.

Sampling Date: 06/16/00
Receiving Date: 06/17/00
Analysis Date: 06/20/00

ELT#	FIELD CODE	GRO C8-C10 mg/kg	DRO >C10-C28 mg/kg
26965	MW 2 (C) 5'	<10	<10
26966	MW 2 (C) 10'	<10	<10
26967	MW 2 (C) 15'	<10	<10
26968	MW 2 (C) 20'	<10	<10
26969	MW 2 (C) 25'	<10	<10
26970	MW 2 (C) 30'	<10	<10
26971	MW 2 (C) 35'	<10	<10
26972	MW 2 (C) 40'	<10	<10
26973	MW 2 (C) 45'	<10	<10
26974	MW 2 (C) 50'	<10	<10

% IA	98	122
% EA	76	97
BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO


Raland K. Tuttle

6-26-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88240
FAX: 505-397-4701
FAX: 915-520-4310

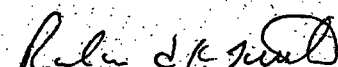
Sample Type: Soil
Sample Condition: Intact/ Iced/ 29 deg. F
Project #: EOT 2020C
Project Name: Darr Angel #2
Project Location: Lovington, N.M.

Sampling Date: 06/12/00
Receiving Date: 06/17/00
Analysis Date: 06/20/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
26975	MW 2 (C) 55'	15	2251
26976	MW 2 (C) 65'	<10	229
26977	MW 3 (C) 5'	<10	<10
26978	MW 3 (C) 10'	<10	<10
26979	MW 3 (C) 15'	<10	<10
26980	MW 3 (C) 20'	<10	<10
26981	MW 3 (C) 25'	<10	<10
26982	MW 3 (C) 30'	<10	<10
26983	MW 3 (C) 35'	<10	<10
26984	MW 3 (C) 40'	<10	<10
26985	MW 3 (C) 45'	<10	<10
26986	MW 3 (C) 50'	<10	<10
26987	MW 3 (C) 55'	<10	<10
26988	MW 3 (C) 65'	<10	<10

% IA	78	124
% EA	87	127
BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO


Raland K. Tuttle

6-26-00
Date

Environmental Lab of Texas, Inc. 12500 West I-20 East Odessa, Texas 79763 (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

CO C-163

Project Manager: Jesse Taylor		Phone #: (562) 397-4882 FAX #: (562) 397-4701		ANALYSIS REQUEST		1083	
Company Name & Address: ETGI, 2540 W. Marland, Hobbs, NM 88240		Project Name: EOT 2020C		Project Location: Hobbs, NM		Sampler Signature: <i>[Signature]</i>	
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	VOLUME/AMOUNT	MATRIX	PRESERVATIVE METHOD	SAMPLING	TIME
				WATER SOIL AIR SLUDGE OTHER	HCL HNO3 ICE NONE OTHER		
26965	MW-2635'	1	1000				0849
26966	MW-26310'	1	1000				0852
26967	MW-26315'	1	1000				0859
26968	MW-26320'	1	1000				0915
26969	MW-26325'	1	1000				0925
26970	MW-26330'	1	1000				0945
26971	MW-26335'	1	1000				1035
26972	MW-26340'	1	1000				1050
26973	MW-26345'	1	1000				1110
26974	MW-26350'	1	1000				1130
Relinquished by: <i>[Signature]</i>		Date: 6/16/00	Times: 3:45 pm	Received by:		REMARKS Fax Results to ETGI	
Relinquished by: <i>[Signature]</i>		Date: 6-17-00	Times: 1:40 pm	Received by: <i>[Signature]</i>		290F	
Relinquished by: <i>[Signature]</i>		Date:	Times:	Received by Laboratory:		Invoiced EOT	

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763 (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 163

Project Manager: Jesse Taylor		Phone #: (915) 563-4872 FAX #: (915) 563-4701		ANALYSIS REQUEST 20f3									
Company Name & Address: ETGI, 2540 W. Markland, Hobbs, NM				TCLP Metals Ag As Ba Cd Cr Pb Hg Se TCLP Volatiles TCLP Semi Volatiles TDS RCI									
Project #: 60T2020R		Project Name: Dan Angell #2		TPH 10/15 6/10/00									
Project Location: Livingston, NM		Sampler Signature: Beet Aldrich		BTEX 81120/5030									
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX			PRESERVATIVE METHOD			SAMPLING			
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER
26975	MW-2 (C) 55'	1	402	X					X			6/12/00	1145
26976	MW-2 (C) 65'												1220
26977	MW-3 (C) 5'												1342
26978	MW-3 (C) 10'												1348
26979	MW-3 (C) 15'												1353
26980	MW-3 (C) 20'												1355
26981	MW-3 (C) 25'												1405
26982	MW-3 (C) 30'												1412
26983	MW-3 (C) 35'												1573
26984	MW-3 (C) 40'												1520
26985	MW-3 (C) 45'												1525
Relinquished by: Beet Aldrich		Date:	6/16/00	Time:	3:45 pm	Received by:							
Relinquished by: Dan Angell		Date:	6-17-00	Time:	1:40 pm	Received by:	Unweek Rm						
Relinquished by:		Date:		Time:		Received by Laboratory:							

fax results to ETGI

290F

INVOICE 2011

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
2540 W. MARLAND
HOBBS, N.M. 88242
FAX: 505-397-4701
FAX: 915-520-4310

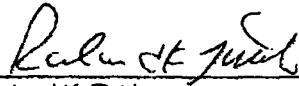
Sample Type: Soil
Sample Condition: Intact/ Iced/ 30 deg. F
Project #: EOT 2020R
Project Name: DARR ANGELL #2
Project Location: Lea County, N.M.

Sampling Date: 07/11/00
Receiving Date: 07/12/00
Analysis Date: 07/14/00

ELT#	FIELD CODE	GRO	DRO
		C6-C10 mg/kg	>C10-C28 mg/kg
28063	MW4 0-2'	<10	<10
28064	MW4 3-5'	<10	<10
28065	MW4 8-10'	<10	<10
28066	MW4 13-15'	<10	<10
28067	MW4 18-20'	<10	<10
28068	MW4 23-25'	<10	<10
28069	MW4 28-30'	<10	<10
28070	MW4 33-35'	<10	<10
28071	MW4 38-40'	<10	<10
28072	MW4 43-45'	<10	<10
28073	MW4 48-50'	<10	<10
28074	MW4 53-55'	<10	<10
28075	MW4 58-60'	<10	<10

% IA	85	105
% EA	91	111
BLANK	<10	<10

METHODS: SW 846-8015M GRO/DRO


Ralund K. Tuttle

7-18-00
Date

Invoice: E011

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118315 Report Date: 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 0'-2'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/15/2001 Time: 11:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<1	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/24/01	8015 mod.	---	0.13	104	108.3	114

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 0'-2'

Report#/Lab ID#: 118315
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	54.9	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	85	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118316 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 5'-7'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/15/2001 Time: 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2.67	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/24/01	8015 mod.	---	0.13	104	108.3	10.4

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 6 5'-7"

Report#/Lab ID#: 118316
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	61.3	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	92.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118317 **Report Date:** 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 10'-12'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/15/2001 **Time:** 11:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8.92	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/24/01	8015 mod.	---	0.13	104	108.3	16.4

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 10'-12'

Report#/Lab ID#: 118317
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	93.4	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	84.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118318 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 15'-17'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/15/2001 Time: 12:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	10.1	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/24/01	8015 mod.	---	0.13	104	108.3	10.

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 15'-17'

Report#/Lab ID#: 118318
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	89.8	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	83.4	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118319 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 20'-22'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/15/2001 Time: 12:09

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/24/01	8015 mod.	---	0.13	104	108.3	10

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 6 20'-22'

Report#/Lab ID#: 118319
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	76.1	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	79.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118320 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOF 2020R

Sample Name: MW 6 25'-27'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/15/2001 **Time:** 12:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6.41	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	N [~]
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/24/01	8015 mod.	---	0.13	104	108.3	10. +

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 25'-27'

Report#/Lab ID#: 118320
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	83	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	84.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118321 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 30'-32'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/15/2001 **Time:** 12:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6.34	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	16

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Respectfully Submitted,

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 30'-32'

Report#/Lab ID#: 118321
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	67.8	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	83.3	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118322 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 35'-37'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/15/2001 **Time:** 13:30

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	33	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8015 mod	---	14	74.3	102.7	94.8
3540	---	-NA-	-NA-	-NA-	-NA-
8015 mod.	---	0.96	95.2	104	10.0

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 35'-37'Report#/Lab ID#: 118322
Sample Matrix: soilREPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	59.6	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	99.1	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118323 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 40'-42'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/15/2001 Time: 13:36

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	167	mg/Kg	10	<10	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	10.2	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	10

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 40'-42'

Report#/Lab ID#: 118323
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	59.2	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	87.1	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118324 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 45'-47'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/15/2001 Time: 13:45

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	194	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	18.5	mg/Kg

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	194	mg/Kg	10	<10	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	18.5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	10

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 45'-47'

Report#/Lab ID#: 118324
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	80	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	90.9	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118325 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 50-52
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/15/2001 **Time:** 13:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	13.8	mg/Kg	2	<2	09/05/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	10

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 6 50-52

Report#/Lab ID#: 118325
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	51	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	79	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118326 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 55'-57'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/15/2001 Time: 14:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.68	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	10

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 55'-57'

Report#/Lab ID#: 118326
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	91.6	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	84.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118327 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 6 60'-62'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/15/2001 **Time:** 14:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6.12	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	100

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 6 60'-62'

Report#/Lab ID#: 118327
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	81.1	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	82.4	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118328 **Report Date:** 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 7 0'-2'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 07:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<1	mg/Kg	1	<1	08/31/01	8015 mod	J	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	104

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 0'-2'Report#/Lab ID#: 118328
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	97.5	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	87.7	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118328	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 7 0'-2'		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as diesel)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118329 **Report Date:** 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 5'-7'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 07:37

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2.58	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	106.0

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 7 5'-7'

Report#/Lab ID#: 118329
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	68.7	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	81.4	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118330 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 7 10'-12'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 07:44

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	2.65	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA

Parameter	Method ⁶	Data Qual ⁷	Prec. ²	Recov ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	3540	---	-NA-	-NA-	-NA-	-N ⁻⁻⁻
TPH by GC (as gasoline)	8015 mod.	---	0.96	95.2	104	100.0

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL, B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 10'-12'

Report#/Lab ID#: 118330
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	119	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	89.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118331 Report Date: 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 15-17'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/16/2001 Time: 07:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2.9	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-N~
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	100

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 15-17'

Report#/Lab ID#: 118331
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	105	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	84.3	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118332 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 7 20-22'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 08:00

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	2.58	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

QUALITY ASSURANCE DATA¹

Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8015 mod	---	14	74.3	102.7	94.8
3540	---	-NA-	-NA-	-NA-	-N
8015 mod.	---	0.96	95.2	104	106.

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 20-22'

Report#/Lab ID#: 118332
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	104	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	92.5	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 118333 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 7 25'-27'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 08:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1.39	mg/Kg	1	<1	08/31/01	8015 mod	---	14	74.3	102.7	94.8
TPH by GC (as diesel-ext)	---	---	---	---	08/29/01	3540	---	-NA-	-NA-	-NA-	-N~
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	---	0.96	95.2	104	100

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 25'-27'

Report#/Lab ID#: 118333
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	65.1	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	84.1	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118334 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 7 30'-32'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 08:25

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	2.04	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

QUALITY ASSURANCE DATA¹

Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8015 mod	---	14	74.3	102.7	94.8
3540	---	-NA-	-NA-	-NA-	-N-
8015 mod.	---	0.96	95.2	104	106

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 7 30'-32'

Report#/Lab ID#: 118334
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	85.2	50-150	---
Chlorobenzene-d5(Sur)	8015 mod.	87.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118335 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 35-37
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 09:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.83	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.7

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QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 35-37Report#/Lab ID#: 118335
Sample Matrix: soil**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	106	50-150	---
1,2-Dichloroethane-d4	8015 mod.	86.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118335 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 35-37

Attn: Ken Dutton

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	SI	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118336 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 40'-42'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 09:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4.68	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.7

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 40'-42'Report#/Lab ID#: 118336
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	74.1	50-150	---
1,2-Dichloroethane-d4	8015 mod.	72.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118336 Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group	
Project ID: DARR ANGELL 2 EOT 2020R	
Sample Name: MW 7 40'-42'	

Sample Temperature/Condition <= 6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118337 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 45'-47"
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 09:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4.45	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	N ⁴
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 7 45'-47'

Report#/Lab ID#: 118337
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	98.8	50-150	---
1,2-Dichloroethane-d4	8015 mod.	73.1	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118337 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 45'-47'

Attn: Ken Dutton

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118338 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2.EOT 2020R

Sample Name: MW 7 50'-52'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 09:41

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8.32	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	1-NA-	-NA-	-NA-	-N-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 50'-52'

Report#/Lab ID#: 118338
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	89.5	50-150	---
1,2-Dichloroethane-d4	8015 mod.	74.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118338	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 7 50'-52'		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 118339 Report Date: 09/07/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 7 55'-57'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 09:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<1	mg/Kg	1	<1	09/06/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145.09

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 55'-57'

Report#/Lab ID#: 118339
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	63.5	50-150	---
1,2-Dichloroethane-d4	8015 mod.	83.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118339 Matrix: soil
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 55'-57'

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118340 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 60'-62'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 10:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.86	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145.5

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 7 60'-62'

Report#/Lab ID#: 118340
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	104	50-150	---
1,2-Dichloroethane-d4	8015 mod.	91.1	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118340	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 7 60'-62'		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118341 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 0'-2'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 11:00

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	14.5	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8015 mod	---	3.8	97.8	104.7	100.5
3540	---	-NA-	-NA-	-NA-	-N-
8015 mod.	S1	11.63	127.7	136.8	145.0 ²

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 0'-2'

Report#/Lab ID#: 118341
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	70.6	50-150	---
1,2-Dichloroethane-d4	8015 mod.	89.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118341	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 8 0'-2'		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118342 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 5'-7'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/16/2001 Time: 11:07

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3.57	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	N
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 5'-7'Report#/Lab ID#: 118342
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	52.2	50-150	---
1,2-Dichloroethane-d4	8015 mod.	75.5	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118342 Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group	
Project ID: DARR ANGELL 2 EOT 2020R	
Sample Name: MW 8 5'-7'	

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	SI	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118343 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 810'-12'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 11:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	10.9	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-N-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145.5

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 810'-12'

Report#/Lab ID#: 118343
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	91.7	50-150	---
1,2-Dichloroethane-d4	8015 mod.	79.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118343 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 810'-12'

Attn: Ken Dutton

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118344 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 815'-17'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 11:22

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4.25	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-N
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 815'-17'

Report#/Lab ID#: 118344
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	100	50-150	---
1,2-Dichloroethane-d4	8015 mod.	67.9	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118344	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 815'-17'		

Sample Temperature/Condition <=6°C

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J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments: pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118345 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 820-22

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 11:29

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3.69	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145.

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 820-22Report#/Lab ID#: 118345
Sample Matrix: soilREPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	91.2	50-150	---
1,2-Dichloroethane-d4	8015 mod.	89.5	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#:118345 Matrix:soil	Attn: Ken Dutton
Client: Environmental Tech Group	
Project ID: DARR ANGELL 2 EOT 2020R	
Sample Name: MW 820-22	

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	SI	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118346 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 25'-27'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/16/2001 Time: 11:34

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3.99	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 25'-27'Report#/Lab ID#: 118346
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	94.7	50-150	---
1,2-Dichloroethane-d4	8015 mod.	81.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118346 Matrix: soil

Client: Environmental Tech Group

Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 25'-27'

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to the laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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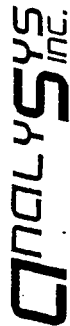
J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:



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(512) 444-5896 • FAX (512) 447-4766.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118347 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 30'-32'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 11:39

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4.09	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-N-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145.09

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 8 30'-32'

Report#/Lab ID#: 118347
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	85.1	50-150	---
1,2-Dichloroethane-d4	8015 mod.	83.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 118347 **Matrix:** soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 30'-32' **Attn:** Ken Dutton

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to the laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118348 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 35'-37'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 11:47

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	11.5	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 8 35'-37'

Report#/Lab ID#: 118348
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	91.9	50-150	---
1,2-Dichloroethane-d4	8015 mod.	78.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118348 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 35'-37'
Attn: Ken Dutton

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualifier	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118349 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 40'-42'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 11:52

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3.11	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 8 40'-42'

Report#/Lab ID#: 118349
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	93.8	50-150	---
1,2-Dichloroethane-d4	8015 mod.	78.4	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118349 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 40'-42'

Attn: Ken Dutton

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118350 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 45'-47'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 12:00

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	3.32	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

QUALITY ASSURANCE DATA¹

Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8015 mod	---	3.8	97.8	104.7	100.5
3540	---	-NA-	-NA-	-NA-	-NA-
8015 mod.	S1	11.63	127.7	136.8	145

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 45'-47'Report#/Lab ID#: 118350
Sample Matrix: soilREPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	82.8	50-150	---
1,2-Dichloroethane-d4	8015 mod.	84.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118350 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 45'-47'

Attn: Ken Dutton

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

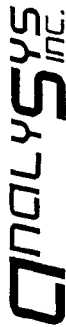
J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Pudre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118351 Report Date: 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 50'-52'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 12:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2.82	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-N-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	145.5

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 50'-52'Report#/Lab ID#: 118351
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	96.2	50-150	---
1,2-Dichloroethane-d4	8015 mod.	77.7	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118351	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 8 50'-52'		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118352 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 55'-57'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 12:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6.53	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.09

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 55'-57'

Report#/Lab ID#: 118352
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	82.5	50-150	---
1,2-Dichloroethane-d4	8015 mod.	68.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118352 Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group	
Project ID: DARR ANGELL 2 EOT 2020R	
Sample Name: MW 8 55'-57'	

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118353 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 8 60'-62'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 12:28

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	8.12	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8.12	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.9

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 60'-62'Report#/Lab ID#: 118353
Sample Matrix: soilREPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	104	50-150	---
1,2-Dichloroethane-d4	8015 mod.	75.9	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#:118353 Matrix:soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 8 60'-62'

Attn: Ken Dutton

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	SI	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118354 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 0'-2'

Sample Matrix: soil

Date Received: 08/21/2001. **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 13:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<1	mg/Kg	1	<1	09/04/01	8015 mod	---	3.8	97.8	104.7	100.5
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/25/01	8015 mod.	S1	11.63	127.7	136.8	14.7

QUALITY ASSURANCE DATA¹

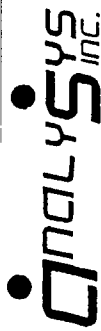
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Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 0'-2'

Report#/Lab ID#: 118354
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	100	50-150	---
1,2-Dichloroethane-d4	8015 mod.	79.3	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118354	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 9 0'-2'		

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	S1	MS and/or MSD recoveries outside advisory/acceptance limits & either no LCS or LCS recovery outside advisory/acceptance limits.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118355 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 5'-7'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/16/2001 Time: 13:44

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov ³	CCV ⁴	LCS ¹
TPH by GC (as diesel)	3.62	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	85

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 5'-7'

Report#/Lab ID#: 118355
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	85.7	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	85	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118356 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 10-12

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 13:51

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	7.28	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

QUALITY ASSURANCE DATA¹

Method ⁶	Date	Blank	RQL ⁵	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8015 mod	09/04/01	<1	1	---	17.9	96	91.6	111.1
3540	08/30/01	---	---	---	-NA-	-NA-	-NA-	N--
8015 mod.	08/29/01	<5	5	---	2.92	102	90	85.5

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 10-12

Report#/Lab ID#: 118356
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	87.1	50-150	--
1,2-Dichloroethane-d4(Surr)	8015 mod.	83.5	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118357 Report Date: 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 15'-17'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 14:05

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6.19	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-N~
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	89.

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

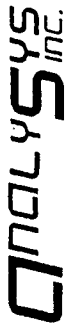
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 15'-17'

Report#/Lab ID#: 118357
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	77.9	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	88.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118358 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 20-22'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/16/2001 Time: 14:10

REPORT OF ANALYSIS

Parameter:	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6.73	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	N [~]
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	89.1

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

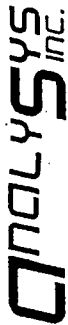
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 20'-22'

Report#/Lab ID#: 118358
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	59.5	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	63.4	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118359 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 25'-27'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/16/2001 Time: 14:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4.46	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	J
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	85...

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Respectfully Submitted,

Richard Laster

Richard Laster

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QUALITY ASSURANCE DATA¹

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 25'-27'

Report#/Lab ID#: 118359
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	87	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	86.3	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118360 **Report Date:** 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 30'-32'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/16/2001 **Time:** 14:19

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4.81	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	89.

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 9 30'-32'

Report#/Lab ID#: 118360
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	92.2	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	97.3	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118361 Report Date: 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 35'-37'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 14:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3.79	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-N-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	85

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 35'-37'

Report#/Lab ID#: 118361
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	85.3	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	81.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs.

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118362 Report Date: 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 40'-42'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 14:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1.92	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	85.5

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 40'-42'

Report#/Lab ID#: 118362
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	87.3	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	92.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118363 Report Date: 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 45'-47'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/16/2001 Time: 14:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.24	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	85.5

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 45'-47'

Report#/Lab ID#: 118363
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	99.9	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	80.3	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118364 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 50'-52'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 14:41

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	2.5	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

Parameter	Method ⁶	Date	Blank	RQL ⁵	Units	Result	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8015 mod	09/04/01	<1	1	mg/Kg	2.5	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	3540	08/30/01	---	---	---	---	---	-NA-	-NA-	-NA-	---
TPH by GC (as gasoline)	8015 mod.	08/29/01	<5	5	mg/Kg	<5	---	2.92	102	90	8.3

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 50'-52'

Report#/Lab ID#: 118364
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	73.3	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	72.9	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118365 Report Date: 09/06/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 9 55'-57'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/16/2001 Time: 14:49

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3.57	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/29/01	8015 mod.	---	2.92	102	90	85.5

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group

Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 55'-57'

Report#/Lab ID#: 118365

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	68	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	81.5	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118366 **Report Date:** 09/06/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 9 60'-62'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/16/2001 **Time:** 15:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	9.33	mg/Kg	1	<1	09/04/01	8015 mod	---	17.9	96	91.6	111.1
TPH by GC (as diesel-ext)	---	---	---	---	08/30/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	90.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 9 60'-62'

Report#/Lab ID#: 118366
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	93	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	76.7	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118366	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 9 60'-62'		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
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J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group
Attn: Matina Smith
Address: 4600 W. Wall
Midland, TX 79703

Phone: (915) 522-1139 FAX: (915) 520-4310

Report#/Lab ID#: 118367 Report Date: 08/30/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 0'-2'
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/14/2001 Time: 13:23

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.79	mg/Kg	1	<1	08/30/01	8015 mod	---	19.2	72.6	95.5	83
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	90

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Matina Smith

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 0'-2'

Report#/Lab ID#: 118367
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	114	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	82.2	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118367 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 0'-2'

Attn: Matina Smith

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group
Attn: Matina Smith
Address: 4600 W. Wall
Midland, TX 79703

Phone: (915) 522-1139 **FAX:** (915) 520-4310

Report#/Lab ID#: 118368 **Report Date:** 08/30/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 5'-7"
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/14/2001 **Time:** 13:28

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	10.1	mg/Kg	1	<1	08/30/01	8015 mod	---	19.2	72.6	95.5	83
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Matina Smith

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 5'-7'

Report#/Lab ID#: 118368
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	121	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	107.4	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118368 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 5'-7'

Attn: Matina Smith

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118369 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 10'-12'

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/14/2001 **Time:** 13:36

REPORT OF ANALYSIS

Parameter:	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.68	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	---	2.92	102	90	85

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 10'-12'

Report#/Lab ID#: 118369
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	75	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	100.8	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118370 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 15'-17'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/14/2001 Time: 13:42

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.85	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96.1

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
 Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
 Sample Name: MW 5 15'-17'

Report#/Lab ID#: 118370
 Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	102	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	90.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118370 Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group	
Project ID: DARR ANGELL 2 EOT 2020R	
Sample Name: MW 5 15'-17'	

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118371 **Report Date:** 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 20'-22'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/14/2001 **Time:** 13:45

REPORT OF ANALYSIS

Parameter	Result	Units
TPH by GC (as diesel)	5.34	mg/Kg
TPH by GC (as diesel-ext)	---	---
TPH by GC (as gasoline)	<5	mg/Kg

QUALITY ASSURANCE DATA¹

Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8015 mod	---	28	106.4	98	111.3
3540	---	-NA-	-NA-	-NA-	-NA-
8015 mod.	P	18.09	81.3	105.8	96.3

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 20'-22'

Report#/Lab ID#: 118371
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	111	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	73.9	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118371	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: DARR ANGELL 2 EOT 2020R		
Sample Name: MW 5 20'-22'		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118372 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 25'-27'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/14/2001 Time: 13:48

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2.11	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	9 _A

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 25'-27'Report#/Lab ID#: 118372
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	85.8	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	83.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118372 Matrix: soil
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 25'-27'

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

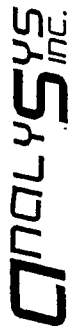
J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118373 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 30'-32'

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/14/2001 Time: 13:53

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8.1	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96.

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 30'-32'

Report#/Lab ID#: 118373
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	110	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	80.1	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118373 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 30'-32'

Attn: Ken Dutton

Sample Temperature/Condition <=6°C

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Sample Bottles & Preservation

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J flag Discussion

A J flag data qualifier indicates (as required under TNRRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118374 **Report Date:** 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 35'-37'
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/14/2001 **Time:** 13:58

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5.23	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96.

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 35'-37'

Report#/Lab ID#: 118374
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	114	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	81.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#:118374 Matrix:soil
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 35'-37'

Sample Temperature/Condition <=6°C

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Sample Bottles & Preservation

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance
TPH by GC (as gasoline)	P	limits.

Notes:



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118375 Report Date: 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 40-42
Sample Matrix: soil
Date Received: 08/21/2001 Time: 11:27
Date Sampled: 08/14/2001 Time: 14:02

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4.78	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken DuttonProject ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 40-42Report#/Lab ID#: 118375
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	103	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	89.9	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118375 Matrix: soil
Client: Environmental Tech Group
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 40-42

Attn: Ken Dutton

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118376 **Report Date:** 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 45-47
Sample Matrix: soil
Date Received: 08/21/2001 **Time:** 11:27
Date Sampled: 08/14/2001 **Time:** 14:07

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<1	mg/Kg	1	<1	08/31/01	8015 mod	J	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	91

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 45-47

Report#/Lab ID#: 118376
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	93.6	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	89.4	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118376 Matrix: soil
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 45-47

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as diesel)	J	See J-flag discussion above.
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118377 Report Date: 09/04/01
Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 50-52

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/14/2001 Time: 14:09

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<1	mg/Kg	1	<1	08/31/01	8015 mod	J	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 50-52

Report#/Lab ID#: 118377
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	118	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	86.7	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118377 Matrix: soil
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 50-52

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as diesel)	J	See J-flag discussion above.
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs

Nm 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 118378 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 55-57

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/14/2001 Time: 14:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	10.8	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-N~
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96. .

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 55-57

Report#/Lab ID#: 118378
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	120	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	73.6	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118378 Matrix: soil
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: DARR-ANGELL 2 EOT 2020R
Sample Name: MW 5 55-57

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 118379 **Report Date:** 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 60-62

Sample Matrix: soil

Date Received: 08/21/2001 **Time:** 11:27

Date Sampled: 08/14/2001 **Time:** 14:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8.61	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	P	18.09	81.3	105.8	96.31

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 60-62

Report#/Lab ID#: 118379
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	89.1	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	101.5	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 118379 Matrix: soil
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 60-62

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	P	The precision of the MS & MSD (or sample and sample duplicate for those analyses where MS/MSD are not run) is outside advisory/acceptance limits.
TPH by GC (as gasoline)	P	

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 118380 Report Date: 09/04/01

Project ID: DARR ANGELL 2 EOT 2020R

Sample Name: MW 5 65-67

Sample Matrix: soil

Date Received: 08/21/2001 Time: 11:27

Date Sampled: 08/14/2001 Time: 14:37

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	8.91	mg/Kg	1	<1	08/31/01	8015 mod	---	28	106.4	98	111.3
TPH by GC (as diesel-ext)	---	---	---	---	08/27/01	3540	---	-NA-	-NA-	-NA-	-NA-
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	08/28/01	8015 mod.	---	2.92	102	90	8.

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

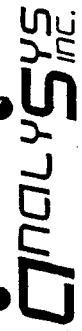
Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

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4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: DARR ANGELL 2 EOT 2020R
Sample Name: MW 5 65-67

Report#/Lab ID#: 118380
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
p-Terphenyl	8015 mod	106	50-150	---
1,2-Dichloroethane-d4(Surr)	8015 mod.	84.3	50 - 150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

CHAIN-OF-CUSTODY

Send Reports to:

Company Name ETGI

Address 2540 W MARLAND

City HOUSTON State TX Zip 77020

ATTN: KEN DUTTON

Phone (505) 397-4882 Fax (505) 397-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: DAAR ANAL 2 Sampler: Simon Casas

LOT 2020 R

Bill to (if different),

Company Name ETGI

Address

City

State

Zip

ATTN:

Phone

Fax

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
MW 6 0'-2'	8-15-01	1120	1	Y			118315	X
MW 6 5'-7'		1130					118316	
MW 6 10'-12'		1140					118317	
MW 6 15'-17'		1200					118318	
MW 6 20'-22'		1205					118319	
MW 6 25'-27'		1215					118320	
MW 6 30'-32'		1240					118321	
MW 6 35'-37'		1330					118322	
MW 6 40'-42'		1331					118323	
MW 6 45'-47'		1345					118324	

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp. 1.6°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas		8-20-01		E. L. Casas	ASI	8-21-01	11:27

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

CO# 109 / 97 ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78712
(512) 444-5896

CHAIN-OF-CUSTODY

Send Reports to:

Company Name ETGE
 Address 2540 W MAZELAND
 City HOBBS State NM Zip 88240
 ATTN: KEN DUTTON
 Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):

Company Name EOIT
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: DATA ANALYSIS 2 Sampler: Ken Casar

EOIT 2020 R

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. # (Lab only)	Comments
MW 6 50-52'	8-15-01	1350	1	X		118325	X
MW 6 55-57'		1400				118326	
MW 6 60-62'	↓	1410				118327	
MW 7 0-2'	8-16-01	0730				118328	
MW 7 5-7'		0737				118329	
MW 7 10-12'		0744				118330	
MW 7 15-17'		0750				118331	
MW 7 20-22'		0800				118332	
MW 7 25-27'		0815				118333	
MW 7 30-32'	↓	0825	↓	↓		118334	↓

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Temp: 1.0°C

Sample Relinquished By				Sample Received By		
Name	Affiliation	Date	Time	Name	Affiliation	Time
Ken Casar		8-20-01		E. L. H.	ASI	8-21-01 11:27

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

CHAIN-OF-CUSTODY

Send Reports to:

Company Name ETGL

Address 2540 W MARLAND

City HOUSTON State TX Zip 77040

ATTN: KEN DUTTON

Phone (505) 397-4442 Fax (505) 397-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: DARR ANGELL 2 Sampler: ET 2020 R

Bill to (if different):

Company Name ETGL

Address

City State Zip

ATTN:

Phone Fax

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
MW 7- 35-37	8-16-01	0920	1	X			118335	X
MW 7 40-42		0930					118336	
MW 7 45-47		0935					118337	
MW 7 50-52		0941					118338	
MW 7 55-57		0945					118339	
MW 7 60-62		1015					118340	
MW 8 0-2		1100					118341	
MW 8 5-7		1107					118342	
MW 8 10-12		1115					118343	
MW 8 15-17	✓	1122	✓	✓			118344	✓

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Temp. 1.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<u>Ken Dutton</u>		<u>8-20-01</u>	<u>E. Z...</u>	<u>ASI</u>	<u>8-21-01</u>
					<u>11:27</u>

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

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ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 787
(512) 444-5896

CHAIN-OF-CUSTODY

Send Reports to:

Company Name ETGI
 Address 2540 W MARLAND
 City HOBBES State NM Zip 88240
 ATTN: KEN DUTTON
 Phone (505) 397-4882 Fax (505) 397-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: DOOR ANALYSIS Sampler: Simon Casas

FOI 2020 R

Bill to (if different):

Company Name ETGI
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. # (Lab only)	Comments
MW 8 20-22'	8-16-01	1129	1	X		118345	X
MW 8 25-27'		1134				118346	
MW 8 30-32'		1139				118347	
MW 8 35-37'		1147				118348	
MW 8 40-42'		1152				118349	
MW 8 45-47'		1200				118350	
MW 8 50-52'		1215				118351	
MW 8 55-57'		1220				118352	
MW 8 60-62'		1228				118353	
MW 9 0-2'	8-20-01	1335	1	✓		118354	✓

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Temp. 1.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Simon Casas		8-20-01	E. J. Casas	ASI	8-21-01
					11:27

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Coc 109 4 of 7
ANALYSYS INC.
 4221 Freidrich Lane, Suite 190, Austin, TX 78717
 (512) 444-5896

CHAIN-OF-CUSTODY

Send Reports to:

Company Name ETGI

Address 2540 W MAHLAND

City HOBBS State NM Zip 88240

ATTN: KEN DUTTON

Phone (505) 397-4882 Fax (505) 397-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: DARR AN646LL2 Sampler: Simon Caro

ET 2020R

Bill to (if different):

Company Name ETI

Address

City State Zip

ATTN:

Phone Fax

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
MW 9 5'-7'	8-16-01	1344	1	X			118355	X
MW 9 10-12'		1351					118356	
MW 9 15-17'		1405					118357	
MW 9 20'-22'		1410					118358	
MW 9 25-27'		1415					118359	
MW 9 30'-32'		1419					118360	
MW 9 35-37'		1425					118361	
MW 9 40-42'		1430					118362	
MW 9 45-47'		1435					118363	
MW 9 50-52'	✓	1441	✓	✓			118364	✓

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Temp. 1.0 c

Sample Relinquished By				Sample Received By		
Name	Affiliation	Date	Time	Name	Affiliation	Date
Simon Caro		8-20-01		E. L. E. S.	ASI	8-21-01
						1127

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

cc 109 3 97
ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 7874
(512) 444-5896

CHAIN-OF-CUSTODY

Send Reports to:

Company Name ET&T

Address 2540 W MARLAND

City HOUSTON State TX Zip 77040

ATTN: KEVIN DUTTON

Phone (505) 357-4992 Fax (505) 377-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: DARR ANGELL 2 Sampler: Kevin Angas

EST 2020 R

Bill to (if different):

Company Name ET&T

Address

City State Zip

ATTN:

Phone Fax

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. # (Lab only)	Comments
MW9 55-57	8-16-01	1449	1	X		118365	X
MW9 60-62	↓	1500	↓	↓		118366	↓
MW 5 0-2	8-14-01	1323				118367	
MW 5 5-7		1328				118368	
MW 5 10-12		1334				118369	
MW 5 15-17		1342				118370	
MW 5 20-22		1345				118371	
MW 5 25-27		1348				118372	
MW 5 30-32	↓	1353				118373	
MW 5 35-37	↓	1358	↓	↓		118374	↓

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Temp. 1.0 C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Kevin Angas		8-20-01	E. J. Angas	ASI	8-21-01
					11:27

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Cue 109 6 8/17
ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 787
(512) 444-5896

מלכות ישראל

Bill to (if different):

Company Name

Address

City _____ State _____ Zip _____

ATTN:

Phone _____
Fax _____

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: 1 APR 1N-44 2 Sampler: Barbara

James Casar

Comments

Temp: 1.0 c

Sample Received By

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 124234

Project ID: Darr Angell 2 EOT 2020R

Sample Name: MW 10 5-7

Sample Matrix: soil

Date Received: 12/21/2001

Time: 12:37

Date Sampled: 12/12/2001

Time: 09:00

Report Date: 12/27/01

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/21/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 5-7

Report#/Lab ID#: 124234
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	113	50-150	---
p-Terphenyl	8015 mod.	102	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124234	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darri Angell 2 EOT 2020R		
Sample Name: MW 10 5-7		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124235 **Report Date:** 12/27/01
Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 10-12
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 09:05

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/22/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 10-12

Report#/Lab ID#: 124235
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	97.2	50-150	---
p-Terphenyl	8015 mod.	68.9	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124235	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 10-12		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124236 **Report Date:** 12/27/01
Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 15-17
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 09:12

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/23/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 15-17

Report#/Lab ID#: 124236
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	97.1	50-150	---
	8015 mod.	101	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124236	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 15-17		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124237 **Report Date:** 12/27/01
Project ID: Dart Angell 2 EOT 2020R
Sample Name: MW 10 20-22
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/24/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2.EOT 2020R
Sample Name: MW 10 20-22

Report#/Lab ID#: 124237
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	85.3	50-150	---
p-Terphenyl	8015 mod.	89.5	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124237	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darl Angell 2 EOT 2020R		
Sample Name: MW 10 20-22		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124238 **Report Date:** 12/27/01
Project ID: Darr Angell 2 BOT 2020R
Sample Name: MW 10 25-27
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 09:37

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/25/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

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Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 25-27

Report#/Lab ID#: 124238
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	89.9	50-150	---
p-Terphenyl	8015 mod.	108	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124238 Matrix: soil
Client: Environmental Tech Group
Project ID: Dar Angell 2 EOT 2020R
Sample Name: MW 10 25-27
Attn: Ken Dutton

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group Attn: Ken Dutton Address: 2540 W. Marland Hobbs Phone: 505 397-4882 FAX: 505 397-4701		Report#/Lab ID#: 124239 Report Date: 12/27/01 Project ID: Darr Angell 2 EOT 2020R Sample Name: MW 10 30-32 Sample Matrix: soil Date Received: 12/21/2001 Time: 12:37 Date Sampled: 12/12/2001 Time: 09:49	
--	--	---	--

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 30-32

Report#/Lab ID#: 124239
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	107	50-150	---
p-Terphenyl	8015 mod.	96.1	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124239	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 30-32		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124240 **Report Date:** 12/27/01
Project ID: Darr Angell 2 BOT 2020R
Sample Name: MW 10 35-37
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 10:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 35-37

Report#/Lab ID#: 124240
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	108	50-150	---
p-Terphenyl	8015 mod.	104	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124240	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 35-37		

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Mariland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124241 **Report Date:** 12/27/01
Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 40-42
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 10:09

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	6.6	72.5	92.2	123.5
TPH by GC (as diesel-ext)	---	---	---	---	12/26/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	4.8	86.7	90.2	128

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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Report#/Lab ID#: 124241
Sample Matrix: soil

Project ID: Darr Angell 2 HOT 2020R
Sample Name: MW 10 40-42

Client: Environmental Tech Group
Attn: Ken Dutton

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	91.4	50-150	---
p-Terphenyl	8015 mod.	108	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124241	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 40-42		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124242 **Report Date:** 12/27/01

Project ID: Darr Angell 2 EOT 2020R

Sample Name: MW 10 45-47

Sample Matrix: soil

Date Received: 12/21/2001 **Time:** 12:37

Date Sampled: 12/12/2001 **Time:** 10:27

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	1.9	81	91.8	95.7
TPH by GC (as diesel-ext)	---	---	---	---	12/21/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	6.8	81.5	101.1	117

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: Darr Angell 2 EOT 2020R Sample Name: MW 10 45-47	Report#/Lab ID#: 124242 Sample Matrix: soil
--	---	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	124	50-150	---
p-Terphenyl	8015 mod.	106	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124242	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 45-47		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group		Report Date: 12/27/01
Attn: Ken Dutton		Project ID: Darr Angell 2 BOT 2020R
Address: 2540 W. Marland Hobbs		Sample Name: MW 10 50-52
Nm 88240		Sample Matrix: soil
Phone: 505 397-4882	FAX: 505 397-4701	Date Received: 12/21/2001 Time: 12:37
		Date Sampled: 12/12/2001 Time: 10:38

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	1.9	81	91.8	95.7
TPH by GC (as diesel-ext)	---	---	---	---	12/21/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	6.8	81.5	101.1	117

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 50-52

Report#/Lab ID#: 124243
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	123	50-150	---
	8015 mod.	99.8	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124243	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 50-52		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 124244

Report Date: 12/27/01

Project ID: Darr Angell 2 EOT 2020R

Sample Name: MW 10 55-57

Sample Matrix: soil

Date Received: 12/21/2001 Time: 12:37

Date Sampled: 12/12/2001 Time: 10:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	1.9	81	91.8	95.7
TPH by GC (as diesel-ext)	---	---	---	---	12/21/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	6.8	81.5	101.1	117

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Richard Laster

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: Darr Angell 2 EOT 2020R Sample Name: MW 10 55-57	Report#/Lab ID#: 124244 Sample Matrix: soil
--	---	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	116	50-150	---
p-Terphenyl	8015 mod.	91.6	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124244	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 55-57		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124245 **Report Date:** 12/27/01
Project ID: Dar Angell 2 BOT 2020R
Sample Name: MW 10 60-62
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 11:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	1.9	81	91.8	95.7
TPH by GC (as diesel-ext)	---	---	---	---	12/21/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	6.8	81.5	101.1	117

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 60-62

Report#/Lab ID#: 124245
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	97	50-150	---
	8015 mod.	110	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124245	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 EOT 2020R		
Sample Name: MW 10 60-62		

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs Nm 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 124246 **Report Date:** 12/27/01
Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 65-67
Sample Matrix: soil
Date Received: 12/21/2001 **Time:** 12:37
Date Sampled: 12/12/2001 **Time:** 11:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	---	1.9	81	91.8	95.7
TPH by GC (as diesel-ext)	---	---	---	---	12/21/01	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	12/26/01	8015 mod.	J	6.8	81.5	101.1	117

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Report#/Lab ID#: 124246
Sample Matrix: soil

Project ID: Darr Angell 2 EOT 2020R
Sample Name: MW 10 65-67

Client: Environmental Tech Group
Attn: Ken Dutton

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	88.2	50-150	---
p-Terphenyl	8015 mod.	111	50-150	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 124246	Matrix: soil	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: Darr Angell 2 BOT 2020R		
Sample Name: MW 10 65-67		

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETG I

Address 2540 W ANNAND

City HOUSTON State NM Zip 88240

ATTN: KEN DUTTON

Phone (505) 897-4182 Fax (505) 897-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: DARR WHEEL SAMPLER

SET 2020R

Bill to (if different):

Company Name ETG

Address

City State Zip

ATTN:

Phone

Fax

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)
MW 10 5-7	12-12-01	0900	1	X			124234
MW 10 10-12		0905					124235
MW 10 15-17		0912					124236
MW 10 20-22		0930					124237
MW 10 25-27		0937					124238
MW 10 30-32		0949					124239
MW 10 35-37		1000					124240
MW 10 40-42		1009					124241
MW 10 45-47		1027					124242
MW 10 50-52		1038					124243

Comments

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 0.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<u>Simon Lano</u>	<u>ETG I</u>	<u>12-20-01</u>	<u>E. L. Lano</u>	<u>ASE</u>	<u>12-21-01</u>
					<u>12:37</u>

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

ANALYSYS
INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744

Phone: (512) 444-5896

Fax: (512) 447-4766

SHY INC.

Bill to (if different):

Company Name:

Address

City _____ State _____ Zip _____

ATTN:

Phone _____
Fax _____

12

Project Name/PO# DALL AMBUL 2 Sampler# 2

507 20202

Temp. 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Lam	CUHK	12-20-01	1530	E. F. Lee	ASCC	12-21-01	12:37

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

ANALYTICAL REPORT

Prepared for:

KEN DUTTON
E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240

Project: Darr Angell #2

Order#: G0202808

Report Date: 03/15/2002

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240
505-397-4701

Order#: G0202808
Project: EOT 2020R
Project Name: Darr Angell #2
Location: Lovington, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas.

Lab ID:	Sample :	Matrix:	Date / Time	Date / Time	Container	Preservative
			Collected	Received		
0202808-01	North Wall-1	SOIL	03/12/2002 10:00	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202808-02	North East Wall-2	SOIL	03/12/2002 10:10	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202808-03	East Wall -3	SOIL	03/12/2002 10:15	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202808-04	South East Wall-4	SOIL	03/12/2002 10:20	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202808-05	Far S. E. Wall-5	SOIL	03/12/2002 10:25	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202808-06	South Wall -6	SOIL	03/12/2002 10:30	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202808-07	Far S.W. Wall-7	SOIL	03/12/2002 10:35	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202808-08	South West Wall-8	SOIL	03/12/2002 10:40	03/12/2002 15:30	4 oz Glass	ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240
505-397-4701

Order#: G0202808
Project: EOT 2020R
Project Name: Darr Angell #2
Location: Lovington, NM

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<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0202808-09	West Wall-9	SOIL	03/12/2002 10:45	03/12/2002 15:30	4 oz Glass	ice
<u>Lab Testing:</u>		Rejected: No	Temp:	1.5C		
8015M TPH GRO/DRO						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KENDUTTON
E.T.G.L.
2540 WEST MARLAND
HOBBS, NM 88240

Order#: G0202808
Project: EOT 2020R
Project Name: Darr Angell #2
Location: Lovington, NM

Lab ID: 0202808-01
Sample ID: North Wall-1

8015M TPH GRO/DRO

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		03/13/2002	1	1	CK	8015M
		22:27				

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

Lab ID: 0202808-02
Sample ID: North East Wall-2

8015M TPH GRO/DRO

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		03/14/2002	1	1	CK	8015M
		8:48				

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

N/A = Not Applicable RL = Reporting Limit

Page 1 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KEN DUTTON
E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240

Order#: G0202808
Project: EOT 2020R
Project Name: Darr Angell #2
Location: Lovington, NM

Lab ID: 0202808-07
Sample ID: Far S.W. Wall-7

8015M TPH GRO/DRO

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		03/14/2002	1	1	CK	8015M
		9:43				

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	107	10.0
Total C6-C28	107	10.0

Lab ID: 0202808-08
Sample ID: South West Wall-8

8015M TPH GRO/DRO

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		03/14/2002	1	1	CK	8015M
		9:54				

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

N/A = Not Applicable RL = Reporting Limit

Page 4 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KEN DUTTON
E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240

Order#: G0202808
Project: EOT 2020R
Project Name: Darr Angell #2
Location: Lovington, NM

Lab ID: 0202808-09
Sample ID: West Wall-9

8015M TPH GRO/DRO

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		03/14/2002	1	1	CK	8015M
		10:04				

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	61.9	10.0
Total C6-C28	61.9	10.0

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Irene Perry, QA Assistant
Sandra Biezugbe, Lab Tech.
Curt Cowdrey, Lab Tech.
Sara Molina, Lab Tech.

3-15-02

Date

N/A = Not Applicable RL = Reporting Limit

Page 5 of 5

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M TPH GRO/DRO

Order#: G0202808

BLANK	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-02			<10		
CONTROL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-03		952	1085	114.4%	
CONTROL DUP	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-04		952	1127	118.4%	3.8%
SRM	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-05		1000	876	87.6%	0.1%

**12600 West I-20 East
Odessa, Texas 79763**

Phone: 915-563-1800
Fax: 915-563-1713

Project Manager: Ken Ditton

Company Name E. T. G. I.

Company Address: 2540 W. Maryland

City/State/Zip: Hobbs, W.M. 88240

Telephone No: 505-397-4882

Sampler Signature: Dr. Marcelo Campos

Fax No: 505-397-4701

CC# 33

Project Name: Darr Angell #2

Project #: EOT 2020R

Project Loc: Lovington WW

PO #:

[illegible]

ANALYTICAL REPORT

Prepared for:

**Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242**

Project: Darr Angell 2

PO#:

Order#: G0205158

Report Date: 12/10/2002

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u>	<u>Date / Time</u>	<u>Container</u>	<u>Preservative</u>
			<u>Collected</u>	<u>Received</u>		
0205158-01	RW-3 Surface	SOIL	11/26/02 9:57	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-02	RW-3 10'	SOIL	11/26/02 10:06	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-03	RW-3 20'	SOIL	11/26/02 10:16	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-04	RW-3 30'	SOIL	11/26/02 10:29	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-05	RW-3 40'	SOIL	11/26/02 10:44	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-06	RW-3 50'	SOIL	11/26/02 11:03	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-07	RW-3 58'	SOIL	11/26/02 11:24	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

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	8015M 8021B/5030 BTEX					
0205158-08	RW-3 63'	SOIL	11/26/02 11:30	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-09	RW-4 Surface	SOIL	11/26/02 12:39	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-10	RW-4 10'	SOIL	11/26/02 12:52	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-11	RW-4 20'	SOIL	11/26/02 13:07	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-12	RW-4 30'	SOIL	11/26/02 13:21	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-13	RW-4 40'	SOIL	11/26/02 13:42	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

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0205158-14	RW-4 50'	SOIL	11/26/02 14:01	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-15	RW-4 58'	SOIL	11/26/02 14:25	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-16	RW-4 63'	SOIL	11/26/02 14:33	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-17	RW-5 Surface	SOIL	11/27/02 9:00	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-18	RW-5 10'	SOIL	11/27/02 9:08	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-19	RW-5 20'	SOIL	11/27/02 9:15	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-20	RW-5 30'	SOIL	11/27/02 9:27	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

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	8015M 8021B/5030 BTEX					
0205158-21	RW-5 40'	SOIL	11/27/02 9:40	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-22	RW-5 50'	SOIL	11/27/02 9:56	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-23	RW-5 57'	SOIL	11/27/02 10:14	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-24	RW-5 62'	SOIL	11/27/02 10:21	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-25	RW-6 Surface	SOIL	11/27/02 11:30	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-26	RW-6 10'	SOIL	11/27/02 11:38	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

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0205158-27	RW-6 20'	SOIL	11/27/02 11:49	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-28	RW-6 30'	SOIL	11/27/02 12:10	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-29	RW-6 40'	SOIL	11/27/02 12:29	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-30	RW-6 50'	SOIL	11/27/02 12:49	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-31	RW-6 57'	SOIL	11/27/02 13:11	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-32	RW-6 62'	SOIL	11/27/02 13:20	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-33	RW-7 Surface	SOIL	12/2/02 12:00	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

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	8015M 8021B/5030 BTEX					
0205158-34	RW-7 10'	SOIL	12/2/02 12:07	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-35	RW-7 20'	SOIL	12/2/02 12:19	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-36	RW-7 30'	SOIL	12/2/02 12:37	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-37	RW-7 40'	SOIL	12/2/02 12:59	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-38	RW-7 50'	SOIL	12/2/02 13:19	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-39	RW-7 57'	SOIL	12/2/02 13:43	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0205158-40	RW-7 62'	SOIL	12/2/02 13:50	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-41	SB-11 Surface	SOIL	12/2/02 9:30	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-42	SB-11 10'	SOIL	12/2/02 9:37	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-43	SB-11 20'	SOIL	12/2/02 9:47	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-44	SB-11 30'	SOIL	12/2/02 9:59	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-45	SB-11 40'	SOIL	12/2/02 10:25	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 1.5 C		
0205158-46	SB-11 50'	SOIL	12/2/02 10:39	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8015M 8021B/5030 BTEX					
0205158-47	SB-11 58'	SOIL	12/2/02 10:59	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		
	8015M 8021B/5030 BTEX					
0205158-48	SB-11 63'	SOIL	12/2/02 11:08	12/3/02 13:10	4 oz Glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		
	8015M 8021B/5030 BTEX					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-01
Sample ID: RW-3 Surface

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/4/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	78%	70	130
1-Chlorooctadecane	99%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003990-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/3/02 19:25	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	117%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-02
Sample ID: RW-3 10'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	74%	70	130
1-Chlorooctadecane	92%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003990-02		12/3/02 20:07	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	100%	80	120
Bromofluorobenzene	117%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-03
Sample ID: RW-3 20'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/4/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	72%	70	130
1-Chlorooctadecane	85%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003990-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/3/02 20:50	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	93%	80	120
Bromofluorobenzene	115%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-04
Sample ID: RW-3 30'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	104%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003990-02		12/3/02 21:11	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	106%	80	120
Bromofluorobenzene	113%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-05
Sample ID: RW-3 40'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	76%	70	130
1-Chlorooctadecane	90%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003990-02		12/3/02 21:31	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	0.025	0.025
p/m-Xylene	0.087	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	116%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-06
Sample ID: RW-3 50'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	17.0	10.0
TOTAL, C6-C35	17.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	75%	70	130
1-Chlorooctadecane	90%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003990-02		12/3/02 21:53	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	103%	80	120
Bromofluorobenzene	113%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-07
Sample ID: RW-3 58'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/4/02	1	10	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	3550	100
DRO, >C12-C35	7940	100
TOTAL, C6-C35	11490	100

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	12%	70	130
1-Chlorooctadecane	20%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003989-02		12/4/02 15:55	1	100	CK	8021B

Parameter	Result mg/kg	RL
Benzene	9.70	0.100
Ethylbenzene	23.6	0.100
Toluene	36.6	0.100
p/m-Xylene	53.8	0.100
o-Xylene	19.5	0.100

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	1040%	80	120
Bromofluorobenzene	117%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-08
Sample ID: RW-3 63'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	60.4	10.0
DRO, >C12-C35	552	10.0
TOTAL, C6-C35	612	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	77%	70	130
1-Chlorooctadecane	96%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003989-02		12/5/02 16:14	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	0.075	0.025
Toluene	0.050	0.025
p/m-Xylene	0.226	0.025
o-Xylene	0.046	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	110%	80	120
Bromofluorobenzene	109%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-09
Sample ID: RW-4 Surface

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/4/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	76%	70	130
1-Chlorooctadecane	90%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003989-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02 16:37	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	105%	80	120
Bromofluorobenzene	108%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-10
Sample ID: RW-4 10'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	104%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003989-02		12/4/02 17:09	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	98%	80	120
Bromofluorobenzene	102%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-11
Sample ID: RW-4 20'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	108%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003989-02		12/4/02 18:23	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	106%	80	120
Bromofluorobenzene	107%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-12
Sample ID: RW-4 30'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/4/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	99%	70	130
1-Chlorooctadecane	113%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/4/02 18:44	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	101%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-13
Sample ID: RW-4 40'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8015M
		12/4/02	1	1		

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	107%	70	130
1-Chlorooctadecane	129%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8021B
0003989-02		12/4/02 19:04	1	25		

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	91%	80	120
Bromofluorobenzene	94%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
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Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-14
Sample ID: RW-4 50'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/4/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	59.9	10.0
DRO, >C12-C35	446	10.0
TOTAL, C6-C35	506	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	111%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003989-02		12/4/02 19:23	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	0.065	0.025
Toluene	0.054	0.025
p/m-Xylene	0.340	0.025
o-Xylene	0.084	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	103%	80	120
Bromofluorobenzene	109%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
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Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-15
Sample ID: RW-4 58'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8015M
		12/4/02	1	10		

Parameter	Result mg/kg	RL
GRO, C6-C12	3780	100
DRO, >C12-C35	8340	100
TOTAL, C6-C35	12120	100

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	13%	70	130
1-Chlorooctadecane	22%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8021B
0003989-02		12/4/02 19:43	1	100		

Parameter	Result mg/kg	RL
Benzene	12.1	0.100
Ethylbenzene	27.2	0.100
Toluene	44.4	0.100
p/m-Xylene	62.8	0.100
o-Xylene	23.2	0.100

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	1180%	80	120
Bromofluorobenzene	125%	80	120

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ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
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Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-16
Sample ID: RW-4 63'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	84.2	10.0
TOTAL, C6-C35	84.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	68%	70	130
1-Chlorooctadecane	77%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0003989-02		12/5/02 16:59	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	0.025	0.025
Ethylbenzene	0.052	0.025
Toluene	0.056	0.025
p/m-Xylene	0.232	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	107%	80	120
Bromofluorobenzene	114%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
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Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-17
Sample ID: RW-5 Surface

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	74%	70	130
1-Chlorooctadecane	86%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003989-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/4/02 20:34	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	95%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
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Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-18
Sample ID: RW-5 10'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	40.2	10.0
TOTAL, C6-C35	40.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	81%	70	130
1-Chlorooctadecane	95%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003989-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/4/02 20:54	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	90%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-19
Sample ID: RW-5 20'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	112%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003989-02		12/4/02 21:13	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	0.036	0.025
Toluene	0.080	0.025
p/m-Xylene	0.196	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	101%	80	120
Bromofluorobenzene	108%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
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Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-20
Sample ID: RW-5 30'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	111%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003989-02		12/4/02 21:33	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	96%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-21
Sample ID: RW-5 40'

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 12/5/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	Analyst CK	Method 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	126%	70	130

8021B/5030 BTEX

Method <u>Blank</u> 0003989-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 12/4/02 21:52	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	Analyst CK	Method 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	103%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-22
Sample ID: RW-5 50'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	86%	70	130
1-Chlorooctadecane	97%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0003989-02		12/4/02 22:12	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	99%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-23
Sample ID: RW-5 57'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	3,750	10.0
DRO, >C12-C35	6,160	10.0
TOTAL, C6-C35	9,910	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	141%	70	130
1-Chlorooctadecane	190%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003989-02		12/4/02 22:31	1	250	CK	8021B

Parameter	Result mg/kg	RL
Benzene	12.6	0.250
Ethylbenzene	40.4	0.250
Toluene	61.5	0.250
p/m-Xylene	96.2	0.250
o-Xylene	32.8	0.250

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	792%	80	120
Bromofluorobenzene	121%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-24
Sample ID: RW-5 62'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>CK</u>	<u>8015M</u>
		12/5/02	1	1		

Parameter	Result mg/kg	RL
GRO, C6-C12	55.4	10.0
DRO, >C12-C35	635	10.0
TOTAL, C6-C35	690	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	120%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>CK</u>	<u>8021B</u>
0003989-02		12/5/02 17:21	1	25		

Parameter	Result mg/kg	RL
Benzene	0.046	0.025
Ethylbenzene	0.072	0.025
Toluene	0.090	0.025
p/m-Xylene	0.247	0.025
o-Xylene	0.061	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	127%	80	120
Bromofluorobenzene	111%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-25
Sample ID: RW-6 Surface

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	113%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003989-02		12/4/02 23:11	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	98%	80	120
Bromofluorobenzene	104%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-26
Sample ID: RW-6 10'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	107%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003989-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02 17:43	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	108%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-27
Sample ID: RW-6 20'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	110%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003994-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02 18:06	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	83%	80	120
Bromofluorobenzene	103%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-28
Sample ID: RW-6 30'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	90%	70	130
1-Chlorooctadecane	101%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0003994-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02 18:28	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	102%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-29
Sample ID: RW-6 40'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	101%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003994-02		12/5/02 18:50	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	95%	80	120
Bromofluorobenzene	102%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
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Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-30
Sample ID: RW-6 50'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	20.5	10.0
DRO, >C12-C35	318	10.0
TOTAL, C6-C35	338	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	116%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003994-02		12/5/02 19:12	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	85%	80	120
Bromofluorobenzene	104%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-31
Sample ID: RW-6 57'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	14100	50.0
DRO, >C12-C35	22600	50.0
TOTAL, C6-C35	36700	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	53%	70	130
1-Chlorooctadecane	76%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0003994-02		12/6/02 10:54	1	500	CK	8021B

Parameter	Result mg/kg	RL
Benzene	47.8	0.500
Ethylbenzene	103	0.500
Toluene	180	0.500
p/m-Xylene	226	0.500
o-Xylene	79.8	0.500

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	946%	80	120
Bromofluorobenzene	128%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-32
Sample ID: RW-6 62'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	119	10.0
DRO, >C12-C35	818	10.0
TOTAL, C6-C35	937	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	120%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003994-02		12/6/02 11:16	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	0.037	0.025
Ethylbenzene	0.243	0.025
Toluene	0.118	0.025
p/m-Xylene	0.750	0.025
o-Xylene	0.150	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	116%	80	120
Bromofluorobenzene	107%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
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2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-33
Sample ID: RW-7 Surface

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	110%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0003994-02		12/5/02 20:18	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	108%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-34
Sample ID: RW-7 10'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8015M
		12/5/02	1	1		

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	115%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8021B
0003994-02		12/5/02 20:40	1	25		

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	81%	80	120
Bromofluorobenzene	98%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-35
Sample ID: RW-7 20'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	106%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0003994-02		12/5/02 21:24	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	93%	80	120
Bromofluorobenzene	102%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-36
Sample ID: RW-7 30'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	79%	70	130
1-Chlorooctadecane	90%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0004004-02		12/6/02 22:16	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	105%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-37
Sample ID: RW-7 40'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	75.0	10.0
TOTAL, C6-C35	75.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	86%	70	130
1-Chlorooctadecane	98%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0004004-02		12/6/02 22:38	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	104%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-38
Sample ID: RW-7 50'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	18.2	10.0
TOTAL, C6-C35	18.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	113%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0004004-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/6/02 23:22	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	85%	80	120
Bromofluorobenzene	101%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-39
Sample ID: RW-7 57'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8015M
		12/5/02	1	5		

Parameter	Result mg/kg	RL
GRO, C6-C12	4,600	50.0
DRO, >C12-C35	8320	50.0
TOTAL, C6-C35	12920	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	25%	70	130
1-Chlorooctadecane	42%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8021B
0004004-02		12/9/02 10:23	1	200		

Parameter	Result mg/kg	RL
Benzene	17.4	0.200
Ethylbenzene	47.2	0.200
Toluene	73.3	0.200
p/m-Xylene	110	0.200
o-Xylene	41.1	0.200

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	1090%	80	120
Bromofluorobenzene	139%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-40
Sample ID: RW-7 62'

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8015M
		12/5/02	1	1		

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	153	10.0
TOTAL, C6-C35	153	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	110%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor	CK	8021B
0004004-02		12/9/02 10:45	1	25		

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	0.034	0.025
Toluene	0.049	0.025
p/m-Xylene	0.108	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	105%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-41
Sample ID: SB-11 Surface

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	84%	70	130
1-Chlorooctadecane	96%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0004004-02		12/9/02 11:07	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	0.034	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	82%	80	120
Bromofluorobenzene	97%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-42
Sample ID: SB-11 10'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	84%	70	130
1-Chlorooctadecane	95%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0004004-02		12/9/02 11:29	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	0.098	0.025
p/m-Xylene	0.286	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	98%	80	120
Bromofluorobenzene	114%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-43
Sample ID: SB-11 20'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	102%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0004004-02		12/9/02 11:51	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	0.038	0.025
p/m-Xylene	0.055	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	95%	80	120
Bromofluorobenzene	106%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-44
Sample ID: SB-11 30'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	87%	70	130
1-Chlorooctadecane	97%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0004004-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/9/02 12:13	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	91%	80	120
Bromofluorobenzene	97%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-45
Sample ID: SB-11 40'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	90%	70	130
1-Chlorooctadecane	102%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u> 0004004-02	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/9/02 12:35	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	97%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-46
Sample ID: SB-11 50'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/5/02	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
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Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	78%	70	130
1-Chlorooctadecane	88%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u> 12/9/02 22:51	<u>Sample</u> <u>Amount</u> 1	<u>Dilution</u> <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
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Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	80%	80	120
Bromofluorobenzene	97%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-47
Sample ID: SB-11 58'

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	104%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0004021-02		12/9/02 23:13	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	80%	80	120
Bromofluorobenzene	93%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158
Project: EO 2020
Project Name: Darr Angell 2
Location: Lea County, NM

Lab ID: 0205158-48
Sample ID: SB-11 63'

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		12/5/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	86%	70	130
1-Chlorooctadecane	95%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0004021-02		12/9/02 23:35	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	102%	80	120

Approval: Jeanne McMurrey 12-11-02
Randal K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0205158

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003973-02			<10.0		
TOTAL, C6-C35-mg/kg		0003975-02			<10.0		
TOTAL, C6-C35-mg/kg		0003988-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0205158-01	0	952	1070	112.4%	
TOTAL, C6-C35-mg/kg		0205158-17	0	952	1040	109.2%	
TOTAL, C6-C35-mg/kg		0205158-36	0	952	1060	111.3%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0205158-01	0	920	969	105.3%	9.9%
TOTAL, C6-C35-mg/kg		0205158-17	0	952	956	100.4%	8.4%
TOTAL, C6-C35-mg/kg		0205158-36	0	952	939	98.6%	12.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003973-05		1000	952	95.2%	
TOTAL, C6-C35-mg/kg		0003975-05		1000	935	93.5%	
TOTAL, C6-C35-mg/kg		0003988-05		1000	1060	106.6%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0205158

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003989-02			<0.025		
Benzene-mg/kg		0003990-02			<0.025		
Benzene-mg/kg		0003994-02			<0.025		
Benzene-mg/kg		0004004-02			<0.025		
Benzene-mg/kg		0004021-02			<0.025		
Ethylbenzene-mg/kg		0003989-02			<0.025		
Ethylbenzene-mg/kg		0003990-02			<0.025		
Ethylbenzene-mg/kg		0003994-02			<0.025		
Ethylbenzene-mg/kg		0004004-02			<0.025		
Ethylbenzene-mg/kg		0004021-02			<0.025		
Toluene-mg/kg		0003989-02			<0.025		
Toluene-mg/kg		0003990-02			<0.025		
Toluene-mg/kg		0003994-02			<0.025		
Toluene-mg/kg		0004004-02			<0.025		
Toluene-mg/kg		0004021-02			<0.025		
p/m-Xylene-mg/kg		0003989-02			<0.025		
p/m-Xylene-mg/kg		0003990-02			<0.025		
p/m-Xylene-mg/kg		0003994-02			<0.025		
p/m-Xylene-mg/kg		0004004-02			<0.025		
p/m-Xylene-mg/kg		0004021-02			<0.025		
o-Xylene-mg/kg		0003989-02			<0.025		
o-Xylene-mg/kg		0003990-02			<0.025		
o-Xylene-mg/kg		0003994-02			<0.025		
o-Xylene-mg/kg		0004004-02			<0.025		
o-Xylene-mg/kg		0004021-02			<0.025		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003990-03		0.1	0.104	104.%	
Benzene-mg/kg		0004021-03		0.1	0.096	96.%	
Ethylbenzene-mg/kg		0003990-03		0.1	0.109	109.%	
Ethylbenzene-mg/kg		0004021-03		0.1	0.100	100.%	
Toluene-mg/kg		0003990-03		0.1	0.108	108.%	
Toluene-mg/kg		0004021-03		0.1	0.100	100.%	
p/m-Xylene-mg/kg		0003990-03		0.2	0.228	114.%	
p/m-Xylene-mg/kg		0004021-03		0.2	0.212	106.%	
o-Xylene-mg/kg		0003990-03		0.1	0.108	108.%	
o-Xylene-mg/kg		0004021-03		0.1	0.101	101.%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003990-04		0.1	0.101	101.%	2.9%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0205158

CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004021-04		0.1	0.101	101.1%	5.1%
Ethylbenzene-mg/kg	0003990-04		0.1	0.105	105.0%	3.7%
Ethylbenzene-mg/kg	0004021-04		0.1	0.105	105.0%	4.9%
Toluene-mg/kg	0003990-04		0.1	0.104	104.0%	3.8%
Toluene-mg/kg	0004021-04		0.1	0.104	104.0%	3.9%
p/m-Xylene-mg/kg	0003990-04		0.2	0.222	111.0%	2.7%
p/m-Xylene-mg/kg	0004021-04		0.2	0.221	110.5%	4.2%
o-Xylene-mg/kg	0003990-04		0.1	0.105	105.0%	2.8%
o-Xylene-mg/kg	0004021-04		0.1	0.106	106.0%	4.8%
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0205158-26	0	0.108	0.107	99.1%	
Benzene-mg/kg	0205158-38	0	0.1	0.106	106.0%	
Benzene-mg/kg	0205185-01	0	0.1	0.104	104.0%	
Ethylbenzene-mg/kg	0205158-26	0	0.108	0.109	100.9%	
Ethylbenzene-mg/kg	0205158-38	0	0.1	0.110	110.0%	
Ethylbenzene-mg/kg	0205185-01	0	0.1	0.108	108.0%	
Toluene-mg/kg	0205158-26	0	0.108	0.108	100.0%	
Toluene-mg/kg	0205158-38	0	0.1	0.110	110.0%	
Toluene-mg/kg	0205185-01	0	0.1	0.107	107.0%	
p/m-Xylene-mg/kg	0205158-26	0	0.216	0.229	106.0%	
p/m-Xylene-mg/kg	0205158-38	0	0.2	0.228	114.0%	
p/m-Xylene-mg/kg	0205185-01	0	0.2	0.227	113.5%	
o-Xylene-mg/kg	0205158-26	0	0.108	0.110	101.9%	
o-Xylene-mg/kg	0205158-38	0	0.1	0.110	110.0%	
o-Xylene-mg/kg	0205185-01	0	0.1	0.108	108.0%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0205158-26	0.107	0.108	0.103	95.4%	3.8%
Benzene-mg/kg	0205158-38	0	0.1	0.101	101.0%	4.8%
Benzene-mg/kg	0205185-01	0.104	0.1	0.103	103.0%	1.0%
Ethylbenzene-mg/kg	0205158-26	0.109	0.108	0.105	97.2%	3.7%
Ethylbenzene-mg/kg	0205158-38	0	0.1	0.105	105.0%	4.7%
Ethylbenzene-mg/kg	0205185-01	0.108	0.1	0.107	107.0%	0.9%
Toluene-mg/kg	0205158-26	0.108	0.108	0.105	97.2%	2.8%
Toluene-mg/kg	0205158-38	0	0.1	0.105	105.0%	4.7%
Toluene-mg/kg	0205185-01	0.107	0.1	0.106	106.0%	0.9%
p/m-Xylene-mg/kg	0205158-26	0.229	0.216	0.220	101.9%	4.0%
p/m-Xylene-mg/kg	0205158-38	0	0.2	0.221	110.5%	3.1%
p/m-Xylene-mg/kg	0205185-01	0.227	0.2	0.225	112.5%	0.9%

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QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0205158

MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	o-Xylene-mg/kg	0205158-26	0.11	0.108	0.104	96.3%	5.6%
	o-Xylene-mg/kg	0205158-38	0	0.1	0.105	105.0%	4.7%
	o-Xylene-mg/kg	0205185-01	0.108	0.1	0.106	106.0%	1.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
	Benzene-mg/kg	0003989-05		0.1	0.100	100.0%	
	Benzene-mg/kg	0003990-05		0.1	0.099	99.0%	
	Benzene-mg/kg	0003994-05		0.1	0.110	110.0%	
	Benzene-mg/kg	0004004-05		0.1	0.097	97.0%	
	Benzene-mg/kg	0004021-05		0.1	0.098	98.0%	
	Ethylbenzene-mg/kg	0003989-05		0.1	0.102	102.0%	
	Ethylbenzene-mg/kg	0003990-05		0.1	0.100	100.0%	
	Ethylbenzene-mg/kg	0003994-05		0.1	0.114	114.0%	
	Ethylbenzene-mg/kg	0004004-05		0.1	0.100	100.0%	
	Ethylbenzene-mg/kg	0004021-05		0.1	0.100	100.0%	
	Toluene-mg/kg	0003989-05		0.1	0.102	102.0%	
	Toluene-mg/kg	0003990-05		0.1	0.100	100.0%	
	Toluene-mg/kg	0003994-05		0.1	0.114	114.0%	
	Toluene-mg/kg	0004004-05		0.1	0.100	100.0%	
	Toluene-mg/kg	0004021-05		0.1	0.100	100.0%	
	p/m-Xylene-mg/kg	0003989-05		0.2	0.217	108.5%	
	p/m-Xylene-mg/kg	0003990-05		0.2	0.215	107.5%	
	p/m-Xylene-mg/kg	0003994-05		0.2	0.230	115.0%	
	p/m-Xylene-mg/kg	0004004-05		0.2	0.214	107.0%	
	p/m-Xylene-mg/kg	0004021-05		0.2	0.212	106.0%	
	o-Xylene-mg/kg	0003989-05		0.1	0.104	104.0%	
	o-Xylene-mg/kg	0003990-05		0.1	0.102	102.0%	
	o-Xylene-mg/kg	0003994-05		0.1	0.113	113.0%	
	o-Xylene-mg/kg	0004004-05		0.1	0.104	104.0%	
	o-Xylene-mg/kg	0004021-05		0.1	0.102	102.0%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158

Project: Darr Angell 2

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
RW-3 Surface	0205158-01	SOIL	11/26/2002	12/03/2002
RW-3 10'	0205158-02	SOIL	11/26/2002	12/03/2002
RW-3 20'	0205158-03	SOIL	11/26/2002	12/03/2002
RW-3 30'	0205158-04	SOIL	11/26/2002	12/03/2002
RW-3 40'	0205158-05	SOIL	11/26/2002	12/03/2002
RW-3 50'	0205158-06	SOIL	11/26/2002	12/03/2002
RW-3 58'	0205158-07	SOIL	11/26/2002	12/03/2002
RW-3 63'	0205158-08	SOIL	11/26/2002	12/03/2002
RW-4 Surface	0205158-09	SOIL	11/26/2002	12/03/2002
RW-4 10'	0205158-10	SOIL	11/26/2002	12/03/2002
RW-4 20'	0205158-11	SOIL	11/26/2002	12/03/2002
RW-4 30'	0205158-12	SOIL	11/26/2002	12/03/2002
RW-4 40'	0205158-13	SOIL	11/26/2002	12/03/2002
RW-4 50'	0205158-14	SOIL	11/26/2002	12/03/2002
RW-4 58'	0205158-15	SOIL	11/26/2002	12/03/2002
RW-4 63'	0205158-16	SOIL	11/26/2002	12/03/2002
RW-5 Surface	0205158-17	SOIL	11/27/2002	12/03/2002
RW-5 10'	0205158-18	SOIL	11/27/2002	12/03/2002
RW-5 20'	0205158-19	SOIL	11/27/2002	12/03/2002
RW-5 30'	0205158-20	SOIL	11/27/2002	12/03/2002
RW-5 40'	0205158-21	SOIL	11/27/2002	12/03/2002
RW-5 50'	0205158-22	SOIL	11/27/2002	12/03/2002
RW-5 57'	0205158-23	SOIL	11/27/2002	12/03/2002
RW-5 62'	0205158-24	SOIL	11/27/2002	12/03/2002
RW-6 Surface	0205158-25	SOIL	11/27/2002	12/03/2002
RW-6 10'	0205158-26	SOIL	11/27/2002	12/03/2002
RW-6 20'	0205158-27	SOIL	11/27/2002	12/03/2002
RW-6 30'	0205158-28	SOIL	11/27/2002	12/03/2002

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158

Project: Darr Angell 2

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

RW-6 40'	0205158-29	SOIL	11/27/2002	12/03/2002
RW-6 50'	0205158-30	SOIL	11/27/2002	12/03/2002
RW-6 57'	0205158-31	SOIL	11/27/2002	12/03/2002
RW-6 62'	0205158-32	SOIL	11/27/2002	12/03/2002
RW-7 Surface	0205158-33	SOIL	12/02/2002	12/03/2002
RW-7 10'	0205158-34	SOIL	12/02/2002	12/03/2002
RW-7 20'	0205158-35	SOIL	12/02/2002	12/03/2002
RW-7 30'	0205158-36	SOIL	12/02/2002	12/03/2002
RW-7 40'	0205158-37	SOIL	12/02/2002	12/03/2002
RW-7 50'	0205158-38	SOIL	12/02/2002	12/03/2002
RW-7 57'	0205158-39	SOIL	12/02/2002	12/03/2002
RW-7 62'	0205158-40	SOIL	12/02/2002	12/03/2002
SB-11 Surface	0205158-41	SOIL	12/02/2002	12/03/2002
SB-11 10'	0205158-42	SOIL	12/02/2002	12/03/2002
SB-11 20'	0205158-43	SOIL	12/02/2002	12/03/2002
SB-11 30'	0205158-44	SOIL	12/02/2002	12/03/2002
SB-11 40'	0205158-45	SOIL	12/02/2002	12/03/2002
SB-11 50'	0205158-46	SOIL	12/02/2002	12/03/2002
SB-11 58'	0205158-47	SOIL	12/02/2002	12/03/2002
SB-11 63'	0205158-48	SOIL	12/02/2002	12/03/2002

Surrogate recoveries on the 8015M are outside the control limits because they were diluted out.
(0205158-07,15,31,39)

Surrogate recoveries on the 8015M are outside control limits due to matrix interference from coeluting compounds. (0205158-23)

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference from coeluting compounds. (0205158-07,15,23,24,31,39)

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0205158

Project: Darr Angell 2

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

Jeane Memmey
Environmental Lab of Texas I, Ltd.

Date:

12-11-02

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Page 5 of 5

Project Manager: Robert Eidlson

Company Name: ETGI

Project Name: Darr Angela

Company Address: 2540 W. Marland

Project #: EO 2020

City/State/Zip: Hobbs, NM 88240

Project Loc: Lea County, NM

Telephone No: (505) 397-4882

Fax No: (505) 397-4701

PO #:

Sampler Signature: Carmelle Reynolds

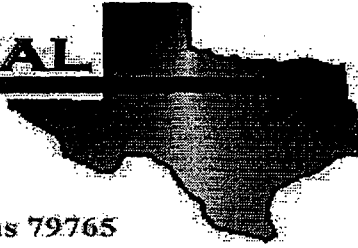
Special Instructions:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative					Matrix			Analyze For:						
					HNO ₃	HCl	NaOH	H ₂ SO ₄	None	Other (Specify)	Water	Sludge	Soil	TDS/CL/SAR/EC	TPH 4121	TPH TX 1005/1006	TPH 2015M GRC/PRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles
0205158	SB-11 Surface	12/2	0930	7															
41	10'	12/2	0937																
42	20'	12/2	0947																
43	30'	12/2	0959																
44	40'	12/2	1025																
45	50'	12/2	1039																
46	58'	12/2	1059																
47	63'	12/2	1108																
48																			

Relinquished by: <u>Carmelle Reynolds</u>	Date: <u>12/2/02</u>	Time: <u>0830</u>	Received by: <u>Pat Caperton</u>	Date: <u>12/3/02</u>	Time: <u>8:30</u>
Relinquished by: <u>Pat Caperton</u>	Date: <u>12/3/02</u>	Time: <u>12:30</u>	Received by: <u>Robert Eidlson</u>	Date: <u>12/3/02</u>	Time: <u>12:45</u>

Sample Containers Intact? Y
 Temperature Upon Receipt 15.5°C
 Laboratory Comments: 402 GUS

ENVIRONMENTAL LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Robert Eidson
E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs, NM 88240

Project: Darr Angell #2
Project Number: LI 2020
Location: Lovington

Lab Order Number: 4B06006

Report Date: 02/09/04

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

Reported:
02/09/04 16:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Section 1	4B06006-01	Soil	02/06/04 08:00	02/06/04 15:00
Section 2	4B06006-02	Soil	02/06/04 08:05	02/06/04 15:00
Section 3	4B06006-03	Soil	02/06/04 08:10	02/06/04 15:00
Section 4	4B06006-04	Soil	02/06/04 08:15	02/06/04 15:00
Section 5	4B06006-05	Soil	02/06/04 08:20	02/06/04 15:00
Section 6	4B06006-06	Soil	02/06/04 08:25	02/06/04 15:00
Section 7	4B06006-07	Soil	02/06/04 08:30	02/06/04 15:00
Section 8	4B06006-08	Soil	02/06/04 08:35	02/06/04 15:00
Section 9	4B06006-09	Soil	02/06/04 08:40	02/06/04 15:00
Section 10	4B06006-10	Soil	02/06/04 08:45	02/06/04 15:00

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

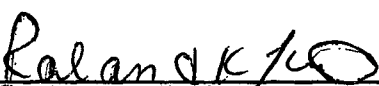
Reported:
02/09/04 16:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Section 1 (4B06006-01)									
	Soil	Sampled: 02/06/04 08:00 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	13.9	10.0	mg/kg dry	1	EB40604	02/06/04	02/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	273	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	287	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		97.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		127 %	70-130		"	"	"	"	
Section 2 (4B06006-02)									
	Soil	Sampled: 02/06/04 08:05 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	J [6.76]	10.0	mg/kg dry	1	EB40604	02/06/04	02/06/04	EPA 8015M	J
Diesel Range Organics >C12-C35	473	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	473	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		97.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		129 %	70-130		"	"	"	"	
Section 3 (4B06006-03)									
	Soil	Sampled: 02/06/04 08:10 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	73.5	10.0	mg/kg dry	1	EB40604	02/06/04	02/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	960	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1030	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		100 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		129 %	70-130		"	"	"	"	
Section 4 (4B06006-04)									
	Soil	Sampled: 02/06/04 08:15 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	13.8	10.0	mg/kg dry	1	EB40604	02/06/04	02/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	212	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	226	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		96.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		124 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


Quality Assurance Review

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

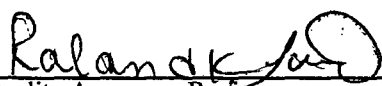
Reported:
02/09/04 16:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Section 5 (4B06006-05)									
	Soil	Sampled: 02/06/04 08:20 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	20.2	10.0	mg/kg dry	1	EB40604	02/06/04	02/07/04	EPA 8015M	
Diesel Range Organics >C12-C35	453	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	473	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		95.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		126 %	70-130		"	"	"	"	
Section 6 (4B06006-06)									
	Soil	Sampled: 02/06/04 08:25 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	J [7.93]	10.0	mg/kg dry	1	EB40604	02/06/04	02/07/04	EPA 8015M	J
Diesel Range Organics >C12-C35	395	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	395	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		94.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		127 %	70-130		"	"	"	"	
Section 7 (4B06006-07)									
	Soil	Sampled: 02/06/04 08:30 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	18.3	10.0	mg/kg dry	1	EB40604	02/06/04	02/07/04	EPA 8015M	
Diesel Range Organics >C12-C35	426	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	444	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		86.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		107 %	70-130		"	"	"	"	
Section 8 (4B06006-08)									
	Soil	Sampled: 02/06/04 08:35 Received: 02/06/04 15:00							
Gasoline Range Organics C6-C12	33.7	10.0	mg/kg dry	1	EB40604	02/06/04	02/07/04	EPA 8015M	
Diesel Range Organics >C12-C35	772	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	806	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		94.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		124 %	70-130		"	"	"	"	

Environmental Lab of Texas

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Quality Assurance Review

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

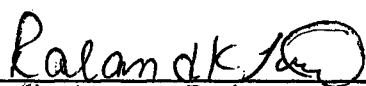
Reported:
02/09/04 16:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Section 9 (4B06006-09)									
		Soil	Sampled: 02/06/04 08:40 Received: 02/06/04 15:00						
Gasoline Range Organics C6-C12	13.6	10.0	mg/kg dry	1	EB40604	02/06/04	02/07/04	EPA 8015M	
Diesel Range Organics >C12-C35	767	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	781	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		83.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		115 %	70-130		"	"	"	"	
Section 10 (4B06006-10)									
		Soil	Sampled: 02/06/04 08:45 Received: 02/06/04 15:00						
Gasoline Range Organics C6-C12	J [8.08]	10.0	mg/kg dry	1	EB40604	02/06/04	02/07/04	EPA 8015M	J
Diesel Range Organics >C12-C35	453	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	453	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		89.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		118 %	70-130		"	"	"	"	

Environmental Lab of Texas

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Quality Assurance Review

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

Reported:
02/09/04 16:14

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Section 1 (4B06006-01)	Soil Sampled: 02/06/04 08:00 Received: 02/06/04 15:00								
% Solids	91.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 2 (4B06006-02)	Soil Sampled: 02/06/04 08:05 Received: 02/06/04 15:00								
% Solids	94.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 3 (4B06006-03)	Soil Sampled: 02/06/04 08:10 Received: 02/06/04 15:00								
% Solids	95.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 4 (4B06006-04)	Soil Sampled: 02/06/04 08:15 Received: 02/06/04 15:00								
% Solids	93.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 5 (4B06006-05)	Soil Sampled: 02/06/04 08:20 Received: 02/06/04 15:00								
% Solids	93.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 6 (4B06006-06)	Soil Sampled: 02/06/04 08:25 Received: 02/06/04 15:00								
% Solids	93.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 7 (4B06006-07)	Soil Sampled: 02/06/04 08:30 Received: 02/06/04 15:00								
% Solids	92.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 8 (4B06006-08)	Soil Sampled: 02/06/04 08:35 Received: 02/06/04 15:00								
% Solids	93.0		%	1	EB40901	02/09/04	02/09/04	% calculation	
Section 9 (4B06006-09)	Soil Sampled: 02/06/04 08:40 Received: 02/06/04 15:00								
% Solids	94.0		%	1	EB40901	02/09/04	02/09/04	% calculation	

Environmental Lab of Texas

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Quality Assurance Review

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

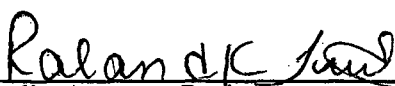
Reported:
02/09/04 16:14

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Section 10 (4B06006-10)		Soil	Sampled: 02/06/04 08:45 Received: 02/06/04 15:00						
% Solids	91.0		%	1	EB40901	02/09/04	02/09/04	% calculation	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


Quality Assurance Review

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

Reported:
02/09/04 16:14

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB40604 - 1005 TX

Blank (EB40604-BLK1)

Prepared & Analyzed: 02/06/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.4	70-130			
Surrogate: 1-Chlorooctadecane	54.3		"	50.0		109	70-130			

LCS (EB40604-BS1)

Prepared & Analyzed: 02/06/04

Gasoline Range Organics C6-C12	471	10.0	mg/kg wet	500		94.2	75-125			
Diesel Range Organics >C12-C35	446	10.0	"	500		89.2	75-125			
Total Hydrocarbon C6-C35	917	10.0	"	1000		91.7	75-125			
Surrogate: 1-Chlorooctane	47.7		mg/kg	50.0		95.4	70-130			
Surrogate: 1-Chlorooctadecane	41.5		"	50.0		83.0	70-130			

Calibration Check (EB40604-CCV1)

Prepared & Analyzed: 02/06/04

Gasoline Range Organics C6-C12	498		mg/kg wet	500		99.6	80-120			
Diesel Range Organics >C12-C35	514		"	500		103	80-120			
Total Hydrocarbon C6-C35	1010		"	1000		101	80-120			
Surrogate: 1-Chlorooctane	58.9		mg/kg	50.0		118	70-130			
Surrogate: 1-Chlorooctadecane	63.3		"	50.0		127	70-130			

Matrix Spike (EB40604-MS1)

Source: 4B06003-02

Prepared & Analyzed: 02/06/04

Gasoline Range Organics C6-C12	581	10.0	mg/kg dry	562	ND	103	75-125			
Diesel Range Organics >C12-C35	567	10.0	"	562	ND	101	75-125			
Total Hydrocarbon C6-C35	1150	10.0	"	1120	ND	103	75-125			
Surrogate: 1-Chlorooctane	58.6		mg/kg	50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	58.0		"	50.0		116	70-130			

Matrix Spike Dup (EB40604-MSD1)

Source: 4B06003-02

Prepared & Analyzed: 02/06/04

Gasoline Range Organics C6-C12	571	10.0	mg/kg dry	562	ND	102	75-125	1.74	20	
Diesel Range Organics >C12-C35	570	10.0	"	562	ND	101	75-125	0.528	20	
Total Hydrocarbon C6-C35	1140	10.0	"	1120	ND	102	75-125	0.873	20	
Surrogate: 1-Chlorooctane	58.2		mg/kg	50.0		116	70-130			
Surrogate: 1-Chlorooctadecane	53.1		"	50.0		106	70-130			

Environmental Lab of Texas

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Ralan CK
Quality Assurance Review

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

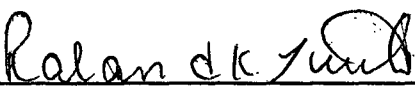
Reported:
02/09/04 16:14

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB40901 - % Moisture										
Blank (EB40901-BLK1)				Prepared & Analyzed: 02/09/04						
% Solids	100		%							
Duplicate (EB40901-DUP1)				Source: 4B06001-01 Prepared & Analyzed: 02/09/04						
% Solids	92.0		%		92.0			0.00	20	

Environmental Lab of Texas

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Quality Assurance Review

E.T.G.I. (Hobbs)
2540 W. Marland
Hobbs NM, 88240

Project: Darr Angell #2
Project Number: LI 2020
Project Manager: Robert Eidson

Fax: (505) 397-4701

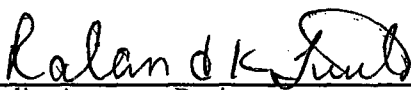
Reported:
02/09/04 16:14

Notes and Definitions

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Environmental Lab of Texas

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Quality Assurance Review

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: E.T.G.I.

Date/Time: 02-06-04 @ 1505

Order #: 4306006

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	☒ Yes	☐ No	1.5	C
Shipping container/cooler in good condition?	☒ Yes	☐ No		
Custody Seals intact on shipping container/cooler?	☒ Yes	☐ No	Not present	
Custody Seals intact on sample bottles?	☒ Yes	☐ No	Not present	
Chain of custody present?	☒ Yes	☐ No		
Sample Instructions complete on Chain of Custody?	☒ Yes	☐ No		
Chain of Custody signed when relinquished and received?	☒ Yes	☐ No		
Chain of custody agrees with sample label(s)	☒ Yes	☐ No		
Container labels legible and intact?	☒ Yes	☐ No		
Sample Matrix and properties same as on chain of custody?	☒ Yes	☐ No		
Samples in proper container/bottle?	☒ Yes	☐ No		
Samples properly preserved?	☒ Yes	☐ No		
Sample bottles intact?	☒ Yes	☐ No		
Preservations documented on Chain of Custody?	☒ Yes	☐ No		
Containers documented on Chain of Custody?	☒ Yes	☐ No		
Sufficient sample amount for indicated test?	☒ Yes	☐ No		
All samples received within sufficient hold time?	☒ Yes	☐ No		
VOC samples have zero headspace?	☒ Yes	☐ No	Not Applicable	

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____

Regarding:

Corrective Action Taken:

Analytical and Quality Control Report

Todd Choban
Nova Safety & Environmental
5023 Commerce
Midland, TX 79703

Report Date: December 24, 2004

Work Order: 4122108

Project Location: Lovington
Project Name: Darr #2
Project Number: LF 1999-62

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
51251	SS-1	soil	2004-12-18	11:18	2004-12-21
51252	SS-2	soil	2004-12-18	11:24	2004-12-21
51253	SS-3	soil	2004-12-18	11:28	2004-12-21
51254	SS-4	soil	2004-12-18	11:32	2004-12-21

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 7 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director

Analytical Report

Sample: 51251 - SS-1

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	14833	Date Analyzed:	2004-12-21	Analyzed By:	BP
Prep Batch:	13095	Date Prepared:	2004-12-21	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		60.2	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	¹	161	mg/Kg	1	150	107	69.8 - 106.1

Sample: 51251 - SS-1

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	14869	Date Analyzed:	2004-12-22	Analyzed By:	MS
Prep Batch:	13127	Date Prepared:	2004-12-22	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	²	<5.00	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.746	mg/Kg	50	0.100	15	0 - 160
4-Bromofluorobenzene (4-BFB)		0.888	mg/Kg	50	0.100	18	0 - 174

Sample: 51252 - SS-2

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	14833	Date Analyzed:	2004-12-21	Analyzed By:	BP
Prep Batch:	13095	Date Prepared:	2004-12-21	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		58.4	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		150	mg/Kg	1	150	100	69.8 - 106.1

Sample: 51252 - SS-2

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	14869	Date Analyzed:	2004-12-22	Analyzed By:	MS

¹Surrogate recovery out of control chart range but within method limits.

²Sample diluted due to surfactants.

Prep Batch: 13127 Date Prepared: 2004-12-22 Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	³	<5.00	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.763	mg/Kg	50	0.100	15	0 - 160
4-Bromofluorobenzene (4-BFB)		0.886	mg/Kg	50	0.100	18	0 - 174

Sample: 51253 - SS-3

Analysis: TPH DRO Analytical Method: Mod. 8015B Prep Method: N/A
QC Batch: 14833 Date Analyzed: 2004-12-21 Analyzed By: BP
Prep Batch: 13095 Date Prepared: 2004-12-21 Prepared By: DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		53.3	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		149	mg/Kg	1	150	100	69.8 - 106.1

Sample: 51253 - SS-3

Analysis: TPH GRO Analytical Method: S 8015B Prep Method: S 5035
QC Batch: 14869 Date Analyzed: 2004-12-22 Analyzed By: MS
Prep Batch: 13127 Date Prepared: 2004-12-22 Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	⁴	<5.00	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.803	mg/Kg	50	0.100	16	0 - 160
4-Bromofluorobenzene (4-BFB)		0.886	mg/Kg	50	0.100	18	0 - 174

Sample: 51254 - SS-4

Analysis: TPH DRO Analytical Method: Mod. 8015B Prep Method: N/A
QC Batch: 14833 Date Analyzed: 2004-12-21 Analyzed By: BP
Prep Batch: 13095 Date Prepared: 2004-12-21 Prepared By: DS

continued ...

³Sample diluted due to surfactants.

⁴Sample diluted due to surfactants.

sample 51254 continued...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		152	mg/Kg	1	150	102	69.8 - 106.1

Sample: 51254 - SS-4

Analysis: TPH GRO
QC Batch: 14869
Prep Batch: 13127

Analytical Method: S 8015B
Date Analyzed: 2004-12-22
Date Prepared: 2004-12-22

Prep Method: S 5035
Analyzed By: MS
Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.832	mg/Kg	10	0.100	83	0 - 160
4-Bromofluorobenzene (4-BFB)		0.936	mg/Kg	10	0.100	94	0 - 174

Method Blank (1) QC Batch: 14833

Parameter	Flag	Result	Units	RL
DRO		<50.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		126	mg/Kg	1	150	84	69.8 - 106.1

Method Blank (1) QC Batch: 14869

Parameter	Flag	Result	Units	RL
GRO		1.94	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	10	0.100	102	81.8 - 109
4-Bromofluorobenzene (4-BFB)		0.624	mg/Kg	10	0.100	62	50.7 - 113

Laboratory Control Spike (LCS-1) QC Batch: 14833

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	246	244	mg/Kg	1	250	<12.0	98	1	78.7 - 117.6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	138	140	mg/Kg	1	150	92	93	69.8 - 106.1

Laboratory Control Spike (LCS-1) QC Batch: 14869

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.0	11.2	mg/Kg	10	1.00	<0.381	100	11	72 - 124	21

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.03	0.921	mg/Kg	10	0.100	103	92	80.4 - 113
4-Bromofluorobenzene (4-BFB)	0.927	0.891	mg/Kg	10	0.100	93	89	72.2 - 119

Matrix Spike (MS-1) QC Batch: 14869 Spiked Sample: 51263

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	12.5	12.4	mg/Kg	10	1.00	<0.381	125	1	0 - 182	19.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.12	1.08	mg/Kg	10	0.1	112	108	0 - 160
4-Bromofluorobenzene (4-BFB)	1.05	1.06	mg/Kg	10	0.1	105	106	0 - 174

Standard (ICV-1) QC Batch: 14833

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	248	99	75 - 125	2004-12-21

Standard (CCV-1) QC Batch: 14833

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	244	98	75 - 125	2004-12-21

Standard (ICV-1) QC Batch: 14869

Report Date: December 24, 2004
LF 1999-62

Work Order: 4122108
Darr #2

Page Number: 6 of 7
Lovington

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.08	108	85 - 115	2004-12-22

Standard (CCV-1) QC Batch: 14869

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.928	93	85 - 115	2004-12-22

TraceAnalysis, Inc. 6701 Aberdeen Avenue, Ste. 9 Lubbock, Texas 79424 Tel (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1296 email: lab@traceanalysis.com		155 McCutcheon, Suite H El Paso, Texas 79932 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 585-3443		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST LAB Order ID # <u>4122108</u>																																																																																							
Company Name: <u>NOVA</u>		Phone #: <u>(432) 520-7720</u>		ANALYSIS REQUEST (Circle or Specify Method No.)																																																																																							
Address: <u>2057 Commerce Dr Midland</u>		Fax #: <u>(432) 520-7701</u>																																																																																									
Contact Person: <u>Todd Chaban</u>		e-mail:																																																																																									
Invoice to: <u>Plains</u>		Project Name: <u>DAR#2</u>																																																																																									
Project #: <u>LF 1999-62</u>		Project Location: <u>Levington</u>		Project Signature: <u>[Signature]</u>																																																																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">LAB # (LAB USE ONLY)</th> <th rowspan="2">FIELD CODE</th> <th rowspan="2"># CONTAINERS</th> <th rowspan="2">Volume/Amount</th> <th colspan="4">MATRIX</th> <th colspan="4">PRESERVATIVE METHOD</th> <th colspan="2">SAMPLING</th> </tr> <tr> <th>WATER</th> <th>SOIL</th> <th>AIR</th> <th>SLUDGE</th> <th>HCl</th> <th>HNO₃</th> <th>H₂SO₄</th> <th>NaOH</th> <th>ICE</th> <th>NONE</th> <th>DATE</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td>5251</td> <td>55-1</td> <td>1</td> <td>4oz</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12/18</td> <td>11:18</td> </tr> <tr> <td>52</td> <td>55-2</td> <td>1</td> <td>4oz</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11:24</td> <td>11:24</td> </tr> <tr> <td>53</td> <td>55-3</td> <td>1</td> <td>4oz</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11:28</td> <td>11:28</td> </tr> <tr> <td>54</td> <td>55-4</td> <td>1</td> <td>4oz</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11:32</td> <td>11:32</td> </tr> </tbody> </table>						LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME	5251	55-1	1	4oz	X									12/18	11:18	52	55-2	1	4oz	X									11:24	11:24	53	55-3	1	4oz	X									11:28	11:28	54	55-4	1	4oz	X									11:32	11:32
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LAB USE ONLY Intact ☒ Y ☐ N Headspace ☐ Y ☐ N Temp <u>3°C</u> Log-in Review <u>[Signature]</u>																																																																																											
REMARKS: TX 1005 Extended (C35) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg 60109/2007 TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCI GC/MS Vol 8260B/624 GC/MS Semi Vol 8270C/625 PCB's 8082/608 Pesticides 8081A/608 BOD TSS pH Moisture Content Turn Around Time if different from standard																																																																																											
Relinquished by: <u>[Signature]</u> Date: <u>12/18/04</u> Time: <u>16:02</u> Relinquished by: <u>[Signature]</u> Date: <u>12/20/04</u> Time: <u>17:15</u> Relinquished by: <u>[Signature]</u> Date: <u>12/21/04</u> Time: <u>10:50</u>																																																																																											
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Received at Laboratory by: <u>[Signature]</u> Date: <u>12/21/04</u> Time: <u>10:50</u>																																																																																											
Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 4 samples #5 ORIGINAL COPY																																																																																											

Appendix C
Release Notification and Corrective Action
Form C-141

Submit 2 copies to
Appropriate District
Office in accordance
with Rule 114 on
back side of form

Darr Angell #2

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name EOTT Energy Pipeline	Operator Lennah Frost
Address PO Box 1660 Midland TX 79702	Telephone No 915/6843467
Facility Name Devton Gathering	Facility Type Pipeline
Surface Owner Darr Angell	Mineral Owner Lease No.

LOCATION OF RELEASE

Line Letter	Section 14	Township 15-S	Range 37-E	Feet from the North/South Line	Feet from the East/West Line	County Lea
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NATURE OF RELEASE

Type of Release Crude oil	Volume of Release 600001	Volume Recovered 0
Location of Release Pipeline Leak	Date and Time of Occurrence unknown	Date and Time of Discovery 7/29/99 4pm
Was a Wellhead or Valve Covered? ☒ Yes ☐ No ☐ Not Required	If Yes, To Whom? Linda - Hobbs (x1)	
By Whom? Lennah Frost Jim Henry	Date and Time 8/30/99 2:30 pm	Is This Release Impacting the Wellhead?
Was a Wellhead Reached? ☐ Yes ☒ No		

If a Wellhead was Impacted, Describe Fully (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken (Attach Additional Sheets If Necessary)

External Corrosion - pipe will be replaced

Describe Area Affected and Cleanup Action Taken (Attach Additional Sheets If Necessary)

will evaluate once the pipe has been replaced -
Probable treat on site

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC is not a release notification and does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature Lennah Frost	OIL CONSERVATION DIVISION
Printed Name Lennah Frost	Approved by District Supervisor
Signature Sgt E. V. Engle	Approval Date
8-3-99	Expiration Date
Phone 915/6843467	Condition of Approval
	Attached ☐