GW - 5

REPORTS

YEAR(S):

2006 - 1997

Larson & Associates, Inc.
Environmental Consultants

2006 AUG 30 PM 1 57

August 20, 2006

VIA EMAIL: Wayne.Price@state.nm.us

Mr. Wayne Price, Chief
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Meeting Confirmation and Soil Monitoring Requirements, Targa Midstream Services, L.P., Eunice Middle Gas Plant, Surface Waste Management Area (GW-005), Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:

This letter is submitted to the New Mexico Oil Conservation Division ("OCD"), on behalf of Targa Midstream Services, L.P. ("TMS"), by Larson and Associates, Inc., its agent, and confirms our technical meeting held at your office on July 25, 2006. The technical meeting established monitoring requirements for the treatment (tilled) and vadose zones at the surface waste management area and concluded with verbal approval from OCD for TMS to begin operation of the surface waste management area. The surface waste management area consists of two (2) cells (Cell #1 and Cell #2) that are located near the east and south sides of the Facility to be used for surface treating soil predominantly contaminated by petroleum hydrocarbons from the Facility and field operations. Figure 1 presents a Facility drawing and surface waste management area Cell #1 and Cell #2. A third cell (Cell #3) was originally proposed, but was eliminated due to pipeline interference.

On July 25, 2006, LA personnel met with OCD representatives, Mr. Wayne Price and Glenn von Gonten, at which time OCD concurred that Cell #1A would be designated for surface treatment of soil from Facility remediation activities. The remaining cells (Cell #1B, Cell #1C, Cell #2A, Cell #2B, Cell #2C and Cell #2D) were designated for surface treating soil from field remediation projects. Surface treating will be performed using landfarming techniques. Background, semi-annual, annual and closure monitoring requirements for the vadose zone between approximately 3 and 4 feet below the cells and treatment (tilled) zone were also established and are summarized in Attachment A.

Referring to Attachment A, TMS is required to collect four (4) independent background samples from the vadose zone between 3 and 4 feet below Cell #1 and Cell #2. The background samples will be analyzed for the New Mexico Water Quality Control Commission constituents (NMAC 20.6.2.3103) that were presented in Section

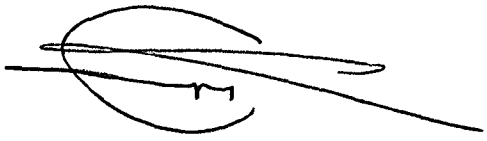
(6) (e) of the draft permit issued by OCD on June 20, 2006, using EPA (SW-846) methods. Since Cell #1 is designated for soil from Facility remediation projects, a vadose zone sample will be collected between approximately 3 and 4 feet below Cell #1A every six (6) months and analyzed for the NMWQCC 3103 constituents, total petroleum hydrocarbons ("TPH"), benzene, toluene, ethyl benzene, xylene ("BTEX") and chloride. Three (3) independent samples will be collected from the vadose zone between approximately 3 and 4 feet below the remainder of Cell #1 (Cell #1B and Cell #1C) and Cell #2 (Cell #2A, Cell #2B, Cell #2C and Cell #2D) every six (6) months and analyzed for TPH, BTEX and chloride. Once annually, the samples from the vadose zone between approximately 3 and 4 feet below Cell #1B, Cell #1C, Cell #2A, Cell #2B, Cell #2C and Cell #2D will be analyzed for the Resource Conservation and Recovery Act ("RCRA") metals, including arsenic, barium cadmium, chromium, lead, mercury, selenium and silver.

Four (4) independent samples will be collected every six (6) months from the treatment (tilled) zone at Cell #1 and Cell #2 and analyzed for TPH and chloride using EPA methods. Four (4) independent samples will be collected from the vadose zone approximately 3 to 4 feet below Cell #1 and Cell #2 upon closure of the surface waste management area and analyzed for TPH, BTEX and NMWQCC 3103 parameters. The OCD has established 500 milligrams per kilogram ("mg/Kg") as a concentration for TPH before soil can be removed from the cells for general use, including use as fill material.

On July 14, 2006 and July 18, 2006, LA personnel collected background samples from the vadose zone between approximately 3 and 4 feet below Cell #1 and Cell #2, respectively. The samples were placed in 4-ounce glass sample jars, labeled, chilled in an ice chest and delivered under chain of custody control to Environmental Lab of Texas, Inc. ("ELTI"), located at 12600 West I-20 East in Odessa, Texas. ELTI analyzed the samples for the NMWQCC 3103 constituents, as agreed upon during our meeting on July 25, 2006, and TPH. Table 1 presents a summary of the volatile organic analysis. Table 2 presents a summary of the polyaromatic hydrocarbon ("PAH") analysis. Table 3 presents a summary of the inorganic analysis. Table 4 presents a summary of the TPH analysis. Attachment 2 presents the laboratory reports.

TMS has commenced operation of surface waste management activities at Cell #1, per the verbal approval granted by OCD on July 25, 2006, and will notify OCD at least 48-hours before collecting further vadose and treatment zone samples, as outlined above. An additional background sample will be collected from Cell #1 during the week of August 21, 2006, and notification will be provided to OCD prior to the sampling event. Please call Mr. Cal Wrangham with TMS at (432) 688-0542 or email cwrangham@targaresources.com if you have questions. I may be reached with questions at (432) 687-0901 or email mark@laenvironmental.com.

Sincerely,
Larson and Associates, Inc.



Mark J. Larson, P.G., C.P.G., C.G.W.P.
Sr. Project Manager/President

Encl.

cc: James Lingnau/TMS
Cal Wrangham/TMS
Don Embrey/TMS
Carl Chavez/OCD-Santa Fe
Chris Williams/OCD-District 1

TABLES

Table 1

Summary of Volatile Organic Analysis of Background Soil Samples

Targa Midstream Services, L.P., Eunice Middle Gas Plant, Surface Waste Management Area (GW-005)

Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East

Lea County, New Mexico

Organic Parameter	Cell #1A (ug/Kg)	Cell #1B (ug/Kg)	Cell #1C (ug/Kg)	Cell #2A (ug/Kg)	Cell #2B (ug/Kg)	Cell #2C (ug/Kg)	Cell #2D (ug/Kg)
Dichlorodifluoromethane	<25	<25	<25	<25	<25	<25	<25
Chloromethane	<25	<25	<25	<25	<25	<25	<25
Vinyl chloride	<25	<25	<25	<25	<25	<25	<25
Bromomethane	<25	<25	<25	<25	<25	<25	<25
Chloroethane	<25	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25	<25
Acetone	<125	<125	<125	<125	<125	<125	<125
Iodomethane	<25	<25	<25	<25	<25	<25	<25
Cardon disulfide	<25	<25	<25	<25	<25	<25	<25
Methylene chloride	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25
Methyl tert-butyl ether	<25	<25	<25	<25	<25	<25	<25
Acrylonitrile	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25	<25
Vinyl acetate	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25
2-Butanone	<25	<25	<25	<25	<25	<25	<25
Bromochloromethane	<25	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25	<25
Carbon tetrachloride	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25	<25
Dibromomethane	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	<25	<25	<25	<25	<25	<25	<25
2-Chloloethylvinyl ether	<25	<25	<25	<25	<25	<25	<25
cis-1,3-Dichloropropene	<25	<25	<25	<25	<25	<25	<25
4-Methyl-2-pentanone	<25	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25	<25
trans-1,3-Dichloropropene	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25	<25
2-Hexanone	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25	<25

Table 1
Summary of Volatile Organic Analysis of Background Soil Samples
Targa Midstream Services, L.P., Eunice Middle Gas Plant, Surface Waste Management Area (GW-005)
Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Organic Parameter	Cell #1A (ug/Kg)	Cell #1B (ug/Kg)	Cell #1C (ug/Kg)	Cell #2A (ug/Kg)	Cell #2B (ug/Kg)	Cell #2C (ug/Kg)	Cell #2D (ug/Kg)
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25	<25
Dibromochloromethane	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25	<25
m,p-Xylene	<25	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25	<25
Styrene	<25	<25	<25	<25	<25	<25	<25
Bromoform	<25	<25	<25	<25	<25	<25	<25
trans-1,4-Dichloro-2-butene	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	<25	<25	<25	<25	<25	<25	<25
2-Chlorotoluene	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25	<25
4-Chlorotoluene	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25	<25
sec-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25
p-Iospropyltoluene	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromo-3-chloropropane	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25	<25

Notes: Background samples collected from 3 to 4 feet below native ground surface. Laboratory analysis performed by Environmental Lab of Texas, Inc., 12600 West 1-20 East, Odessa, Texas

1. ug/Kg: Micrograms per kilogram
2. <: Below method detection limit

Table 2

Summary of Polyaromatic Hydrocarbon (PAH) Analysis of Background Soil Samples

Targa Midstream Services, L.P., Eunice Middle Gas Plant, Surface Waste Management Area (GW-005)

Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East

Lea County, New Mexico

Organic Parameter	Cell #1A (ug/Kg)	Cell #1B (ug/Kg)	Cell #1C (ug/Kg)	Cell #2A (ug/Kg)	Cell #2B (ug/Kg)	Cell #2C (ug/Kg)	Cell #2D (ug/Kg)
Naphthalene	<200	<200	<200	<200	<200	<200	<200
Acenaphthalene	<200	<200	<200	<200	<200	<200	<200
Acenaphthene	<200	<200	<200	<200	<200	<200	<200
Fluorene	<200	<200	<200	<200	<200	<200	<200
Phenanthrene	<200	<200	<200	<200	<200	<200	<200
Anthracene	<200	<200	<200	<200	<200	<200	<200
Fluoranthene	<200	<200	<200	<200	<200	<200	<200
Pyrene	<200	<200	<200	<200	<200	<200	<200
Benzo (a) anthracene	<200	<200	<200	<200	<200	<200	<200
Chrysene	<200	<200	<200	<200	<200	<200	<200
Ideno (1,2,3-cd) pyrene	<200	<200	<200	<200	<200	<200	<200
Benzo (b) fluoranthene	<200	<200	<200	<200	<200	<200	<200
Benzo (k) fluoranthene	<200	<200	<200	<200	<200	<200	<200
Benzo (a) pyrene	<20	<20	<20	<20	<20	<20	<20
Dibenzo (a,h) anthracene	<32	<32	<32	<32	<32	<32	<32
Dibenzo (g,h,i) perylene	<200	<200	<200	<200	<200	<200	<200

Notes: Background samples collected from 3 to 4 feet below native ground surface. Laboratory analysis performed by Environmental Lab of Texas, Inc., 12600 West 1-20 East, Odessa, Texas

1. ug/Kg: Micrograms per kilogram
2. <: Below method detection limit

Table 3
Summary of Inorganic Analysis of Background Soil Samples
Targa Midstream Services, L.P., Eunice Middle Gas Plant, Surface Waste Management Area (GW-005)
Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Inorganic Parameter	Cell #1A (mg/Kg)	Cell #1B (mg/Kg)	Cell #1C (mg/Kg)	Cell #2A (mg/Kg)	Cell #2B (mg/Kg)	Cell #2C (mg/Kg)	Cell #2D (mg/Kg)
Copper	3.09	21.4	4.08	8.12	9.12	6.15	7.25
Iron	3,480	4,100	4,910	905	833	1,610	755
Mercury	0.02505	0.1308	0.06681	0.01469	0.01566	0.01597	0.01242
Chromium	4.68	80	7.48	<2.44	<4.88	2.14	1.12
Arsenic	2.99	2.79	1.46	20.5	14.4	4.45	5.54
Selenium	1.93	0.506	<1.5	4.85	19.2	0.812	0.467
Silver	<0.202	<0.202	<0.202	0.253	<2.02	<0.202	<0.202
Cadmium	<0.346	<0.346	<0.346	<1.73	<3.46	<0.346	<0.346
Barium	59.8	157	51.3	567	1,310	198	363
Lead	2.16	6.86	3.16	1.22	0.912	1.07	0.592
Manganses	39	75.7	72.8	13.8	10.4	21.6	13.3
Zinc	21.1	50.1	20.5	28.1	25.7	13.0	10.8
Chloride	400	589	115	320	241	5.28	11.5
Cyanide (total)	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Fluoride	5.35	12.8	5.66	2.76	8.25	3.43	2.46
Nitrate as N	2.47	2.66	0.835	0.952	0.197	0.2	0.839
Phenolics	<0.05	<0.05	<0.05				
Sulfate	112	86.2	48	523	317	21.6	35.3

Notes: Background samples collected from 3 to 4 feet below native ground surface. Laboratory analysis performed by Environmental Lab of Texas, Inc., 12600 West 1-20 East, Odessa, Texas

1. mg/Kg: Milligrams per kilogram
2. <: Below method detection limit

Table 4
Summary of TPH Analysis of Background Soil Samples
Targa Midstream Services, L.P., Eunice Middle Gas Plant, Surface Waste Management Area (GW-005)
Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

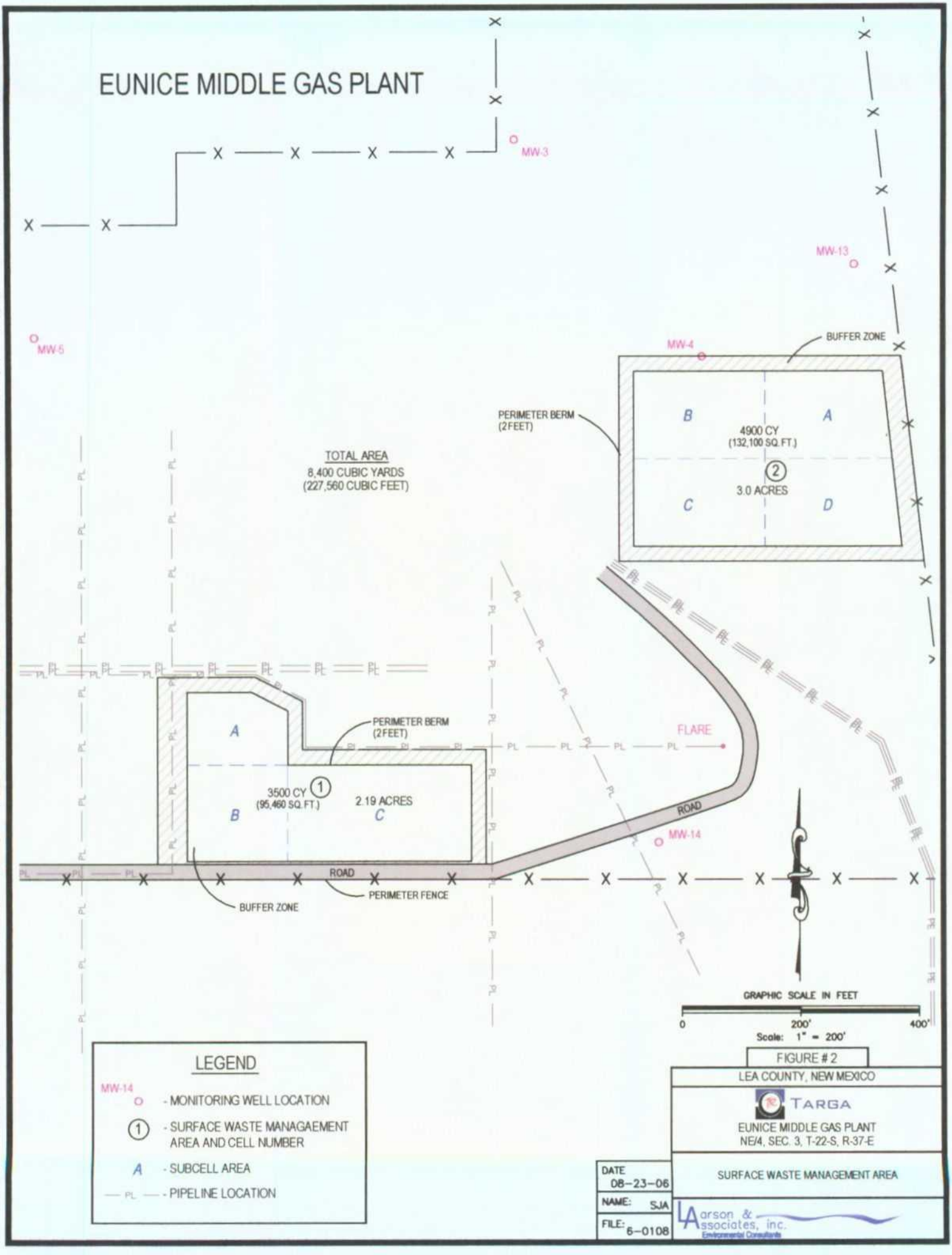
Cell Number	Cell Letter	Sample Date	Sample Depth (Feet)	GRO C6 - C12 (mg/Kg)	DRO C12 - C28 (mg/Kg)	DRO C28 - C35 (mg/Kg)	TPH C6 - C35 (mg/kg)
1	A	07/14/2006	3 - 4	<10	16.8	6.53	23.33
	B	07/14/2006	3 - 4	<10	4.08	<10	4.08
	C	07/14/2006	3 - 4	<10	3.53	<10	3.53
2	A	07/18/2006	3 - 4	<10	<10	<10	<30
	B	07/18/2006	3 - 4	<10	<10	<10	<30
	C	07/18/2006	3 - 4	<10	<10	<10	<30
	D	07/18/2006	3 - 4	<10	<10	<10	<30

Notes: Analysis performed by Environmental Lab of Texas, I. Ltd., Odessa, Texas

1. Feet: Sample depth in feet below base of cell
2. GRO: Gasoline - range organics
3. DRO: Diesel - range organics
4. TPH: Total petroleum hydrocarbons (Sum of DRO + GRO)
5. mg/kg: Milligrams per kilogram
6. <: Below method detection limit

FIGURE

EUNICE MIDDLE GAS PLANT



LEGEND

MW-14 ○ - MONITORING WELL LOCATION

① - SURFACE WASTE MANAGAEMENT AREA AND CELL NUMBER

A - SUBCELL AREA

—PL— - PIPELINE LOCATION

FIGURE # 2

LEA COUNTY, NEW MEXICO

TARGA

EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E

SURFACE WASTE MANAGEMENT AREA

DATE	08-23-06
NAME:	SJA
FILE:	6-0108

Larson & Associates, inc.
Environmental Consultants

ATTACHMENT A

Soil Monitoring Requirements

ATTACHMENT A
SOIL MONITORING and CLOSURE ANALYSIS

Cell	Vadose Zone Background (3-4 Feet BGS)	Treatment Zone Semi-Annual	Vadose Zone Semi-Annual (3–4 Feet BGS)	Vadose Zone Annual (3-4 Feet BGS)	Vadose Zone Closure (3-4 Feet BGS)
1A	WQCC 3103	TPH, Chloride	TPH, BTEX, Chloride, WQCC 3101	TPH, BTEX, Chloride, WQCC 3101	TPH, BTEX, WQCC 3103
1B	WQCC 3103	TPH, Chloride	TPH, BTEX, Chloride	TPH, BTEX, Chloride, RCRA 8 Metals	TPH, BTEX, WQCC 3103
1C	WQCC 3103	TPH, Chloride	TPH, BTEX, Chloride	TPH, BTEX, Chloride, RCRA 8 Metals	TPH, BTEX, WQCC 3103
2A	WQCC 3103	TPH, Chloride	TPH, BTEX, Chloride	TPH, BTEX, Chloride, RCRA 8 Metals	TPH, BTEX, WQCC 3103
2B	WQCC 3103	TPH, Chloride	TPH, BTEX, Chloride	TPH, BTEX, Chloride, RCRA 8 Metals	TPH, BTEX, WQCC 3103
2C	WQCC 3103	TPH, Chloride	TPH, BTEX, Chloride	TPH, BTEX, Chloride, RCRA 8 Metals	TPH, BTEX, WQCC 3103
2D	WQCC 3103	TPH, Chloride	TPH, BTEX, Chloride	TPH, BTEX, Chloride, RCRA 8 Metals	TPH, BTEX, WQCC 3103

Notes:
1. BGS: Depth in feet below native soil level

ATTACHMENT B

Laboratory Reports

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Targa/ Landfarm

Project Number: None Given

Location: None Given

Lab Order Number: 6G14011

Report Date: 07/31/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Landfarm
Project Number: None Given
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1A 3-4'	6G14011-01	Soil	2006-07-14 08:40	2006-07-14 16:12
1B 3-4'	6G14011-02	Soil	2006-07-14 08:57	2006-07-14 16:12
1C 3-4'	6G14011-03	Soil	2006-07-14 09:20	2006-07-14 16:12

Larson & Associates, Inc.	Project: Targa/ Landfarm	Fax: (432) 687-0456
P.O. Box 50685	Project Number: None Given	
Midland TX, 79710	Project Manager: Mark Larson	

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1A 3-4' (6G14011-01) Soil									
Chloride	**400**	10.0	mg/kg	20	EG62418	07/24/06	07/24/06	EPA 300.0	
Cyanide (total)	ND	0.0900	"	1	EG62402	07/21/06	07/21/06	SW 846 9010B	
Fluoride	**5.35**	1.00	"	10	EG62405	07/19/06	07/24/06	EPA 300.0	
Nitrate as N	**2.47**	0.500	"	"	"	"	"	"	I-02
Phenolics	ND	0.0500	"	1	EG63109	07/28/06	07/28/06	SW846-9066M	
% Moisture	**6.2**	0.1	%	"	EG61906	07/18/06	07/19/06	% calculation	
Sulfate	**112**	10.0	mg/kg	20	EG62418	07/24/06	07/24/06	EPA 300.0	
1B 3-4' (6G14011-02) Soil									
Chloride	**589**	10.0	mg/kg	20	EG62418	07/24/06	07/24/06	EPA 300.0	
Cyanide (total)	ND	0.0900	"	1	EG62402	07/21/06	07/21/06	SW 846 9010B	
Fluoride	**12.8**	1.00	"	10	EG62405	07/19/06	07/24/06	EPA 300.0	
Nitrate as N	**2.66**	0.500	"	"	"	"	"	"	I-02
Phenolics	ND	0.0500	"	1	EG63109	07/28/06	07/28/06	SW846-9066M	
% Moisture	**9.4**	0.1	%	"	EG61906	07/18/06	07/19/06	% calculation	
Sulfate	**86.2**	10.0	mg/kg	20	EG62418	07/24/06	07/24/06	EPA 300.0	
1C 3-4' (6G14011-03) Soil									
Chloride	**115**	10.0	mg/kg	20	EG62418	07/24/06	07/24/06	EPA 300.0	
Cyanide (total)	ND	0.0900	"	1	EG62402	07/21/06	07/21/06	SW 846 9010B	
Fluoride	**5.66**	1.00	"	10	EG62405	07/19/06	07/24/06	EPA 300.0	
Nitrate as N	**0.835**	0.500	"	"	"	"	"	"	I-02
Phenolics	ND	0.0500	"	1	EG63109	07/28/06	07/28/06	SW846-9066M	
% Moisture	**4.2**	0.1	%	"	EG61906	07/18/06	07/19/06	% calculation	
Sulfate	**48.0**	10.0	mg/kg	20	EG62418	07/24/06	07/24/06	EPA 300.0	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Landfarm
Project Number: None Given
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1A 3-4' (6G14011-01) Soil									
Copper	**3.09**	1.20	mg/kg dry	500	EG61902	07/17/06	07/19/06	EPA 6020A	
Iron	**3480**	1.00	mg/kg dry wt. dry	"	EG62103	07/17/06	07/21/06	EPA 6010B	
Mercury	**0.02505**	0.01250	mg/kg dry	50	EG61905	07/17/06	07/19/06	7471	
Chromium	**4.68**	0.488	"	500	EG61902	07/17/06	07/19/06	EPA 6020A	
Arsenic	**2.99**	0.852	"	"	"	"	"	"	
Selenium	**1.93**	1.50	"	"	"	"	"	"	
Silver	ND	0.202	"	"	"	"	"	"	
Cadmium	ND	0.346	"	"	"	"	"	"	
Barium	**59.8**	0.244	"	"	"	"	"	"	
Lead	**2.16**	0.148	"	"	"	"	"	"	
Manganese	**39.0**	0.285	"	"	"	"	"	"	
Zinc	**21.1**	2.50	mg/kg dry wt. dry	"	"	"	"	"	
1B 3-4' (6G14011-02) Soil									
Copper	**21.4**	1.20	mg/kg dry	500	EG61902	07/17/06	07/19/06	EPA 6020A	
Iron	**4100**	1.00	mg/kg dry wt. dry	"	EG62103	07/17/06	07/21/06	EPA 6010B	
Mercury	**0.1308**	0.01250	mg/kg dry	50	EG61905	07/17/06	07/19/06	7471	
Chromium	**80.0**	0.488	"	500	EG61902	07/17/06	07/19/06	EPA 6020A	
Arsenic	**2.79**	0.852	"	"	"	"	"	"	
Selenium	**J [0.506]**	1.50	"	"	"	"	"	"	J
Silver	ND	0.202	"	"	"	"	"	"	
Cadmium	ND	0.346	"	"	"	"	"	"	
Barium	**157**	0.244	"	"	"	"	"	"	
Lead	**6.86**	0.148	"	"	"	"	"	"	
Manganese	**75.7**	0.285	"	"	"	"	"	"	
Zinc	**50.1**	2.50	mg/kg dry wt. dry	"	"	"	"	"	
1C 3-4' (6G14011-03) Soil									
Copper	**4.08**	1.20	mg/kg dry	500	EG61902	07/17/06	07/19/06	EPA 6020A	
Iron	**4910**	1.00	mg/kg dry wt. dry	"	EG62103	07/17/06	07/21/06	EPA 6010B	
Mercury	**0.06681**	0.01250	mg/kg dry	50	EG61905	07/17/06	07/19/06	7471	
Chromium	**7.48**	0.488	"	500	EG61902	07/17/06	07/19/06	EPA 6020A	
Arsenic	**1.46**	0.852	"	"	"	"	"	"	
Selenium	ND	1.50	"	"	"	"	"	"	
Silver	ND	0.202	"	"	"	"	"	"	

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Project Manager: Mark Larson

Fax: (432) 687-0456

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1C 3-4' (6G14011-03) Soil									
Cadmium	ND	0.346	mg/kg dry	500	EG61902	07/17/06	07/19/06	EPA 6020A	
Barium	**51.3**	0.244	"	"	"	"	"	"	
Lead	**3.16**	0.148	"	"	"	"	"	"	
Manganese	**72.8**	0.285	"	"	"	"	"	"	
Zinc	**20.5**	2.50	mg/kg dry wt. dry	"	"	"	"	"	

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P.O. Box 50685
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Project: Targa/ Landfarm
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Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1A 3-4' (6G14011-01) Soil									
Dichlorodifluoromethane	ND	25.0	ug/kg dry	25	EG61809	07/18/06	07/18/06	EPA 8260B	
Chloromethane	ND	25.0	"	"	"	"	"	"	
Vinyl chloride	ND	25.0	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
Chloroethane	ND	25.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Acetone	ND	125	"	"	"	"	"	"	
Iodomethane	ND	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	25.0	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Acrylonitrile	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Vinyl acetate	ND	25.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	25.0	"	"	"	"	"	"	
Bromochloromethane	ND	25.0	"	"	"	"	"	"	
Chloroform	ND	25.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	25.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Benzene	ND	25.0	"	"	"	"	"	"	
Trichloroethene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Dibromomethane	ND	25.0	"	"	"	"	"	"	
Bromodichloromethane	ND	25.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	25.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	25.0	"	"	"	"	"	"	
Toluene	ND	25.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2-Hexanone	ND	25.0	"	"	"	"	"	"	
Tetrachloroethene	ND	25.0	"	"	"	"	"	"	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Landfarm
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Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1A 3-4' (6G14011-01) Soil									
1,3-Dichloropropane	ND	25.0	ug/kg dry	25	EG61809	07/18/06	07/18/06	EPA 8260B	
Dibromochloromethane	ND	25.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25.0	"	"	"	"	"	"	
Chlorobenzene	ND	25.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Ethylbenzene	ND	25.0	"	"	"	"	"	"	
m,p-Xylene	ND	25.0	"	"	"	"	"	"	
o-Xylene	ND	25.0	"	"	"	"	"	"	
Styrene	ND	25.0	"	"	"	"	"	"	
Bromoform	ND	25.0	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	25.0	"	"	"	"	"	"	
Isopropylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Bromobenzene	ND	25.0	"	"	"	"	"	"	
n-Propylbenzene	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	25.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*70-139*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82.2 %*	*52-149*		"	"	"	"	
Surrogate: Toluene-d8		*87.8 %*	*76-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*67.2 %*	*66-145*		"	"	"	"	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

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Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1B 3-4' (6G14011-02) Soil									
Dichlorodifluoromethane	ND	25.0	ug/kg dry	25	EG61809	07/18/06	07/19/06	EPA 8260B	
Chloromethane	ND	25.0	"	"	"	"	"	"	
Vinyl chloride	ND	25.0	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
Chloroethane	ND	25.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Acetone	ND	125	"	"	"	"	"	"	
Iodomethane	ND	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	25.0	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Acrylonitrile	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Vinyl acetate	ND	25.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	25.0	"	"	"	"	"	"	
Bromochloromethane	ND	25.0	"	"	"	"	"	"	
Chloroform	ND	25.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	25.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Benzene	ND	25.0	"	"	"	"	"	"	
Trichloroethene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Dibromomethane	ND	25.0	"	"	"	"	"	"	
Bromodichloromethane	ND	25.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	25.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	25.0	"	"	"	"	"	"	
Toluene	ND	25.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2-Hexanone	ND	25.0	"	"	"	"	"	"	
Tetrachloroethene	ND	25.0	"	"	"	"	"	"	

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Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1B 3-4' (6G14011-02) Soil									
1,3-Dichloropropane	ND	25.0	ug/kg dry	25	EG61809	07/18/06	07/19/06	EPA 8260B	
Dibromochloromethane	ND	25.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25.0	"	"	"	"	"	"	
Chlorobenzene	ND	25.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Ethylbenzene	ND	25.0	"	"	"	"	"	"	
m,p-Xylene	ND	25.0	"	"	"	"	"	"	
o-Xylene	ND	25.0	"	"	"	"	"	"	
Styrene	ND	25.0	"	"	"	"	"	"	
Bromoform	ND	25.0	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	25.0	"	"	"	"	"	"	
Isopropylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Bromobenzene	ND	25.0	"	"	"	"	"	"	
n-Propylbenzene	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	25.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*70-139*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*83.8 %*	*52-149*		"	"	"	"	
Surrogate: Toluene-d8		*82.8 %*	*76-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*66.0 %*	*66-145*		"	"	"	"	

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Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1C 3-4' (6G14011-03) Soil									
Dichlorodifluoromethane	ND	25.0	ug/kg dry	25	EG61809	07/18/06	07/19/06	EPA 8260B	
Chloromethane	ND	25.0	"	"	"	"	"	"	
Vinyl chloride	ND	25.0	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
Chloroethane	ND	25.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Acetone	ND	125	"	"	"	"	"	"	
Iodomethane	ND	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	25.0	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Acrylonitrile	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Vinyl acetate	ND	25.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	25.0	"	"	"	"	"	"	
Bromochloromethane	ND	25.0	"	"	"	"	"	"	
Chloroform	ND	25.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	25.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Benzene	ND	25.0	"	"	"	"	"	"	
Trichloroethene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Dibromomethane	ND	25.0	"	"	"	"	"	"	
Bromodichloromethane	ND	25.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	25.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	25.0	"	"	"	"	"	"	
Toluene	ND	25.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2-Hexanone	ND	25.0	"	"	"	"	"	"	
Tetrachloroethene	ND	25.0	"	"	"	"	"	"	

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P.O. Box 50685
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Project: Targa/ Landfarm
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Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1C 3-4' (6G14011-03) Soil									
1,3-Dichloropropane	ND	25.0	ug/kg dry	25	EG61809	07/18/06	07/19/06	EPA 8260B	
Dibromochloromethane	ND	25.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25.0	"	"	"	"	"	"	
Chlorobenzene	ND	25.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Ethylbenzene	ND	25.0	"	"	"	"	"	"	
m,p-Xylene	ND	25.0	"	"	"	"	"	"	
o-Xylene	ND	25.0	"	"	"	"	"	"	
Styrene	ND	25.0	"	"	"	"	"	"	
Bromoform	ND	25.0	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	25.0	"	"	"	"	"	"	
Isopropylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Bromobenzene	ND	25.0	"	"	"	"	"	"	
n-Propylbenzene	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	25.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*70-139*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82.4 %*	*52-149*		"	"	"	"	
Surrogate: Toluene-d8		*83.8 %*	*76-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*66.0 %*	*66-145*		"	"	"	"	

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Project: Targa/ Landfarm
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PAH compounds by Semivolatile GCMS

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1A 3-4' (6G14011-01) Soil									
Naphthalene	ND	200	ug/kg dry	40	EG62117	07/20/06	07/21/06	8270C	
Acenaphthylene	ND	200	"	"	"	"	"	"	
Acenaphthene	ND	200	"	"	"	"	"	"	
Fluorene	ND	200	"	"	"	"	"	"	
Phenanthrene	ND	200	"	"	"	"	"	"	
Anthracene	ND	200	"	"	"	"	"	"	
Fluoranthene	ND	200	"	"	"	"	"	"	
Pyrene	ND	200	"	"	"	"	"	"	
Benzo (a) anthracene	ND	200	"	"	"	"	"	"	
Chrysene	ND	200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (a) pyrene	ND	20.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	32.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*64.6 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*77.5 %*	*30-115*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*88.6 %*	*18-137*		"	"	"	"	
1B 3-4' (6G14011-02) Soil									
Naphthalene	ND	200	ug/kg dry	40	EG62117	07/20/06	07/21/06	8270C	
Acenaphthylene	ND	200	"	"	"	"	"	"	
Acenaphthene	ND	200	"	"	"	"	"	"	
Fluorene	ND	200	"	"	"	"	"	"	
Phenanthrene	ND	200	"	"	"	"	"	"	
Anthracene	ND	200	"	"	"	"	"	"	
Fluoranthene	ND	200	"	"	"	"	"	"	
Pyrene	ND	200	"	"	"	"	"	"	
Benzo (a) anthracene	ND	200	"	"	"	"	"	"	
Chrysene	ND	200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (a) pyrene	ND	20.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	32.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*65.6 %*	*23-120*		"	"	"	"	

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PAH compounds by Semivolatile GCMS
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1B 3-4' (6G14011-02) Soil									
Surrogate: 2-Fluorobiphenyl		*76.9 %*	*30-115*		*EG62117*	*07/20/06*	*07/21/06*	*8270C*	
Surrogate: p-Terphenyl-d14		*94.8 %*	*18-137*		"	"	"	"	
1C 3-4' (6G14011-03) Soil									
Naphthalene	ND	200	ug/kg dry	40	EG62117	07/20/06	07/21/06	8270C	
Acenaphthylene	ND	200	"	"	"	"	"	"	
Acenaphthene	ND	200	"	"	"	"	"	"	
Fluorene	ND	200	"	"	"	"	"	"	
Phenanthrene	ND	200	"	"	"	"	"	"	
Anthracene	ND	200	"	"	"	"	"	"	
Fluoranthene	ND	200	"	"	"	"	"	"	
Pyrene	ND	200	"	"	"	"	"	"	
Benzo (a) anthracene	ND	200	"	"	"	"	"	"	
Chrysene	ND	200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (a) pyrene	ND	20.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	32.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*60.4 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74.0 %*	*30-115*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*92.1 %*	*18-137*		"	"	"	"	

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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 EG61906 - General Preparation (Prep)										
Blank (EG61906-BLK1)				Prepared: 07/18/06 Analyzed: 07/19/06						
% Solids	99.7		%							
Duplicate (EG61906-DUP1)		Source: 6G18002-01		Prepared: 07/18/06 Analyzed: 07/19/06						
% Solids	99.5		%		99.4			0.101	20	
Duplicate (EG61906-DUP2)		Source: 6G18005-02		Prepared: 07/18/06 Analyzed: 07/19/06						
% Solids	95.7		%		95.9			0.209	20	
Duplicate (EG61906-DUP3)		Source: 6G18009-06		Prepared: 07/18/06 Analyzed: 07/19/06						
% Solids	89.4		%		90.7			1.44	20	
Batch EG62402 - 9010B SW846										
Blank (EG62402-BLK1)				Prepared & Analyzed: 07/21/06						
Cyanide (total)	ND	0.0900	mg/kg							
LCS (EG62402-BS1)				Prepared & Analyzed: 07/21/06						
Cyanide (total)	0.156	0.0900	mg/kg	0.167		93.4	50-150			
Calibration Check (EG62402-CCV1)				Prepared & Analyzed: 07/21/06						
Cyanide (total)	0.0900		mg/L	0.100		90.0	80-120			
Matrix Spike (EG62402-MS1)		Source: 6G14011-01		Prepared & Analyzed: 07/21/06						
Cyanide (total)	0.0760	0.0900	mg/kg	0.0833	ND	91.2	50-150			
Matrix Spike Dup (EG62402-MSD1)		Source: 6G14011-01		Prepared & Analyzed: 07/21/06						
Cyanide (total)	0.0760	0.0900	mg/kg	0.0833	ND	91.2	50-150	0.00	20	

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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 EG62405 - General Preparation (WetChem)										
Blank (EG62405-BLK1)				Prepared: 07/19/06 Analyzed: 07/24/06						
Nitrate as N	ND	0.0500	mg/kg							
Fluoride	ND	0.100	"							
LCS (EG62405-BS1)				Prepared: 07/19/06 Analyzed: 07/24/06						
Nitrate as N	1.92	0.0500	mg/kg	2.00		96.0	80-120			
Fluoride	1.78	0.100	"	2.00		89.0	80-120			
Calibration Check (EG62405-CCV1)				Prepared: 07/19/06 Analyzed: 07/24/06						
Fluoride	1.90		mg/L	2.00		95.0	0-200			
Nitrate as N	1.80		"	2.00		90.0	80-120			
Duplicate (EG62405-DUP1)	Source: 6G14011-01			Prepared: 07/19/06 Analyzed: 07/24/06						
Fluoride	4.88	2.00	mg/kg		6.24			24.5	20	S-07
Nitrate as N	3.44	1.00	"		3.39			1.46	20	
Matrix Spike (EG62405-MS1)	Source: 6G14011-01			Prepared: 07/19/06 Analyzed: 07/24/06						
Nitrate as N	42.1	1.00	mg/kg	40.0	3.39	96.8	75-125			
Fluoride	45.8	2.00	"	40.0	6.24	98.9	75-125			
Batch EG62418 - General Preparation (WetChem)										
Blank (EG62418-BLK1)				Prepared & Analyzed: 07/24/06						
Sulfate	ND	0.500	mg/kg							
Chloride	ND	0.500	"							
LCS (EG62418-BS1)				Prepared & Analyzed: 07/24/06						
Sulfate	9.35	0.500	mg/kg	10.0		93.5	80-120			
Chloride	9.18	0.500	"	10.0		91.8	80-120			

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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 EG62418 - General Preparation (WetChem)										
Calibration Check (EG62418-CCV1)				Prepared & Analyzed: 07/24/06						
Sulfate	10.7		mg/L	10.0		107	80-120			
Chloride	9.97		"	10.0		99.7	80-120			
Duplicate (EG62418-DUP1)		Source: 6G14011-01		Prepared & Analyzed: 07/24/06						
Chloride	401	10.0	mg/kg		400			0.250	20	
Sulfate	110	10.0	"		112			1.80	20	
Matrix Spike (EG62418-MS1)		Source: 6G14011-01		Prepared & Analyzed: 07/24/06						
Chloride	616	10.0	mg/kg	200	400	108	80-120			
Sulfate	306	10.0	"	200	112	97.0	75-125			
Batch EG63109 - General Preparation (Subcontract)										
Blank (EG63109-BLK1)				Prepared & Analyzed: 07/28/06						
Phenolics	ND	0.0500	mg/kg							
LCS (EG63109-BS1)				Prepared & Analyzed: 07/28/06						
Phenolics	0.762		mg/kg	0.750		102	82-116			
LCS Dup (EG63109-BSD1)				Prepared & Analyzed: 07/28/06						
Phenolics	0.693		mg/kg	0.750		92.4	82-116	9.48	49	
Duplicate (EG63109-DUP1)		Source: 6G14011-01RE1		Prepared & Analyzed: 07/28/06						
Phenolics	ND	0.0500	mg/kg		ND				49	
Matrix Spike (EG63109-MS1)		Source: 6G14011-01RE1		Prepared & Analyzed: 07/28/06						
Phenolics	0.735		mg/kg	0.750	ND	98.0	80-120			

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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 EG63109 - General Preparation (Subcontract)										
Matrix Spike Dup (EG63109-MSD1)	**Source: 6G14011-01RE1** Prepared & Analyzed: 07/28/06									
Phenolics	0.734		mg/kg	0.750	ND	97.9	80-120	0.136	49	

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Total Metals 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 EG61902 - EPA 3050B										
Blank (EG61902-BLK1)				Prepared: 07/14/06 Analyzed: 07/19/06						
Copper	ND	0.00241	mg/kg wet							
Zinc	ND	0.00500	mg/kg dry wt. wet							
Manganese	ND	0.000570	mg/kg wet							
Chromium	ND	0.000975	"							
Arsenic	ND	0.00170	"							
Selenium	ND	0.00300	"							
Silver	ND	0.000405	"							
Cadmium	ND	0.000692	"							
Barium	ND	0.000489	"							
Lead	ND	0.000296	"							
LCS (EG61902-BS1)				Prepared: 07/14/06 Analyzed: 07/19/06						
Zinc	0.210	0.00500	mg/kg dry wt. wet	0.200		105	85-115			
Copper	0.206	0.00241	mg/kg wet	0.200		103	85-115			
Manganese	0.188	0.000570	"	0.200		94.0	85-115			
Chromium	0.188	0.000975	"	0.200		94.0	85-115			
Arsenic	0.719	0.00170	"	0.800		89.9	85-115			
Selenium	0.374	0.00300	"	0.400		93.5	85-115			
Silver	0.0959	0.000405	"	0.100		95.9	85-115			
Cadmium	0.189	0.000692	"	0.200		94.5	85-115			
Barium	0.216	0.000489	"	0.200		108	85-115			
Lead	1.01	0.000296	"	1.10		91.8	85-115			
LCS Dup (EG61902-BSD1)				Prepared: 07/14/06 Analyzed: 07/19/06						
Zinc	0.208	0.00500	mg/kg dry wt. wet	0.200		104	85-115	0.957	20	
Copper	0.201	0.00241	mg/kg wet	0.200		100	85-115	2.46	20	
Manganese	0.189	0.000570	"	0.200		94.5	85-115	0.531	20	
Chromium	0.190	0.000975	"	0.200		95.0	85-115	1.06	20	
Arsenic	0.718	0.00170	"	0.800		89.8	85-115	0.139	20	
Selenium	0.369	0.00300	"	0.400		92.2	85-115	1.35	20	
Silver	0.0943	0.000405	"	0.100		94.3	85-115	1.68	20	
Cadmium	0.186	0.000692	"	0.200		93.0	85-115	1.60	20	
Barium	0.214	0.000489	"	0.200		107	85-115	0.930	20	
Lead	0.990	0.000296	"	1.10		90.0	85-115	2.00	20	

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Total Metals 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 EG61902 - EPA 3050B										
Calibration Check (EG61902-CCV1)				Prepared: 07/14/06 Analyzed: 07/19/06						
Zinc	0.0519		mg/kg	0.0500		104	90-110			
Manganese	0.0509		"	0.0500		102	90-110			
Copper	0.0529		"	0.0500		106	90-110			
Chromium	0.0497		"	0.0500		99.4	90-110			
Arsenic	0.0477		"	0.0500		95.4	90-110			
Selenium	0.0483		"	0.0500		96.6	90-110			
Silver	0.0501		"	0.0500		100	90-110			
Cadmium	0.0487		"	0.0500		97.4	90-110			
Barium	0.0492		"	0.0500		98.4	90-110			
Lead	0.0523		"	0.0500		105	90-110			
Matrix Spike (EG61902-MS1)		**Source: 6G13004-03**		Prepared: 07/14/06 Analyzed: 07/19/06						
Zinc	213	2.50	mg/kg dry wt. dry	10.0	32.6	1800	70-130			MS-1
Manganese	33.6	0.285	mg/kg dry	10.0	32.4	12.0	75-125			MS-3
Copper	19.3	1.20	"	10.0	6.01	133	75-125			MS-3
Chromium	12.0	0.488	"	10.0	4.18	78.2	75-125			
Arsenic	29.4	0.852	"	40.0	0.811	71.5	75-125			MS-1
Selenium	15.2	1.50	"	20.0	ND	76.0	75-125			
Silver	ND	0.202	"	5.01	ND		75-125			MS-1
Cadmium	7.72	0.346	"	10.0	ND	77.2	75-125			
Barium	32.0	0.244	"	10.0	28.2	38.0	75-125			MS-3
Lead	49.7	0.148	"	55.1	8.61	74.6	75-125			MS-3
Matrix Spike Dup (EG61902-MSD1)		**Source: 6G13004-03**		Prepared: 07/14/06 Analyzed: 07/19/06						
Copper	19.0	1.20	mg/kg dry	10.0	6.01	130	75-125	1.57	20	MS-3
Zinc	210	2.50	mg/kg dry wt. dry	10.0	32.6	1770	70-130	1.42	20	MS-1
Manganese	32.5	0.285	mg/kg dry	10.0	32.4	1.00	75-125	3.33	20	MS-3
Chromium	11.8	0.488	"	10.0	4.18	76.2	75-125	1.68	20	
Arsenic	29.1	0.852	"	40.0	0.811	70.7	75-125	1.03	20	MS-1
Selenium	15.0	1.50	"	20.0	ND	75.0	75-125	1.32	20	
Silver	ND	0.202	"	5.01	ND		75-125		20	MS-1
Cadmium	7.63	0.346	"	10.0	ND	76.3	75-125	1.17	20	
Barium	31.8	0.244	"	10.0	28.2	36.0	75-125	0.627	20	MS-3
Lead	49.7	0.148	"	55.1	8.61	74.6	75-125	0.00	20	MS-3

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Total Metals 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 EG61902 - EPA 3050B										
Post Spike (EG61902-PS1)		**Source: 6G13004-03**		Prepared: 07/14/06 Analyzed: 07/19/06						
Copper	557	6.02	mg/kg dry	501	6.01	110	75-125			
Manganese	505	1.42	"	501	32.4	94.3	85-115			
Barium	503	1.22	"	501	28.2	94.8	85-115			
Lead	2480	0.740	"	2750	8.61	89.9	85-115			
Batch EG61905 - EPA 7471A										
Blank (EG61905-BLK1)				Prepared & Analyzed: 07/19/06						
Mercury	ND	0.0002500	mg/kg wet							
LCS (EG61905-BS1)				Prepared & Analyzed: 07/19/06						
Mercury	0.00107	0.0002500	mg/kg wet	0.00100		107	85-115			
LCS Dup (EG61905-BSD1)				Prepared & Analyzed: 07/19/06						
Mercury	0.00105	0.0002500	mg/kg wet	0.00100		105	85-115	1.89	20	
Calibration Check (EG61905-CCV1)				Prepared & Analyzed: 07/19/06						
Mercury	0.00104		mg/kg	0.00100		104	90-110			
Matrix Spike (EG61905-MS1)		**Source: 6G14011-01**		Prepared & Analyzed: 07/19/06						
Mercury	0.0810	0.01250	mg/kg dry	0.0533	0.02505	105	75-125			
Batch EG62103 - EPA 3050B										
Blank (EG62103-BLK1)				Prepared & Analyzed: 07/21/06						
Iron	ND	0.00200	mg/kg dry wt. wet							

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Total Metals 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 EG62103 - EPA 3050B										
LCS (EG62103-BS1)				Prepared & Analyzed: 07/21/06						
Iron	0.184	0.00200	mg/kg dry wt. wet	0.200		92.0	85-115			
LCS Dup (EG62103-BSD1)				Prepared & Analyzed: 07/21/06						
Iron	0.180	0.00200	mg/kg dry wt. wet	0.200		90.0	85-115	2.20	20	
Calibration Check (EG62103-CCV1)				Prepared & Analyzed: 07/21/06						
Iron	1.07		mg/kg	1.00		107	90-110			
Matrix Spike (EG62103-MS1)		**Source: 6G14011-01**		Prepared & Analyzed: 07/21/06						
Iron	ND	1.00	mg/kg dry wt. dry	10.7	3480	NR	75-125			QM-10

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Landfarm
Project Number: None Given
Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61809 - EPA 5030C (GCMS)										
Blank (EG61809-BLK1)			Prepared & Analyzed: 07/18/06							
Dichlorodifluoromethane	ND	25.0	ug/kg wet							
Chloromethane	ND	25.0	"							
Vinyl chloride	ND	25.0	"							
Bromomethane	ND	25.0	"							
Chloroethane	ND	25.0	"							
Trichlorofluoromethane	ND	25.0	"							
1,1-Dichloroethene	ND	25.0	"							
Acetone	ND	125	"							
Iodomethane	ND	25.0	"							
Carbon disulfide	ND	25.0	"							
Methylene chloride	ND	25.0	"							
trans-1,2-Dichloroethene	ND	25.0	"							
Methyl tert-butyl ether	ND	25.0	"							
Acrylonitrile	ND	25.0	"							
1,1-Dichloroethane	ND	25.0	"							
Vinyl acetate	ND	25.0	"							
cis-1,2-Dichloroethene	ND	25.0	"							
2-Butanone	ND	25.0	"							
Bromochloromethane	ND	25.0	"							
Chloroform	ND	25.0	"							
1,1,1-Trichloroethane	ND	25.0	"							
2,2-Dichloropropane	ND	25.0	"							
Carbon tetrachloride	ND	25.0	"							
1,1-Dichloropropene	ND	25.0	"							
1,2-Dichloroethane	ND	25.0	"							
Benzene	ND	25.0	"							
Trichloroethene	ND	25.0	"							
1,2-Dichloropropane	ND	25.0	"							
Dibromomethane	ND	25.0	"							
Bromodichloromethane	ND	25.0	"							
2-Chloroethylvinyl ether	ND	25.0	"							
cis-1,3-Dichloropropene	ND	25.0	"							
4-Methyl-2-pentanone	ND	25.0	"							
Toluene	ND	25.0	"							
trans-1,3-Dichloropropene	ND	25.0	"							
1,1,2-Trichloroethane	ND	25.0	"							
2-Hexanone	ND	25.0	"							
Tetrachloroethene	ND	25.0	"							
1,3-Dichloropropane	ND	25.0	"							
Dibromochloromethane	ND	25.0	"							
1,2-Dibromoethane (EDB)	ND	25.0	"							
Chlorobenzene	ND	25.0	"							

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61809 - EPA 5030C (GCMS)										
Blank (EG61809-BLK1)			Prepared & Analyzed: 07/18/06							
1,1,1,2-Tetrachloroethane	ND	25.0	ug/kg wet							
Ethylbenzene	ND	25.0	"							
m,p-Xylene	ND	25.0	"							
o-Xylene	ND	25.0	"							
Styrene	ND	25.0	"							
Bromoform	ND	25.0	"							
trans-1,4-Dichloro-2-butene	ND	25.0	"							
Isopropylbenzene	ND	25.0	"							
1,2,3-Trichloropropane	ND	25.0	"							
1,1,2,2-Tetrachloroethane	ND	25.0	"							
Bromobenzene	ND	25.0	"							
n-Propylbenzene	ND	25.0	"							
2-Chlorotoluene	ND	25.0	"							
1,3,5-Trimethylbenzene	ND	25.0	"							
4-Chlorotoluene	ND	25.0	"							
tert-Butylbenzene	ND	25.0	"							
1,2,4-Trimethylbenzene	ND	25.0	"							
sec-Butylbenzene	ND	25.0	"							
1,3-Dichlorobenzene	ND	25.0	"							
p-Isopropyltoluene	ND	25.0	"							
1,4-Dichlorobenzene	ND	25.0	"							
n-Butylbenzene	ND	25.0	"							
1,2-Dichlorobenzene	ND	25.0	"							
1,2-Dibromo-3-chloropropane	ND	25.0	"							
1,2,4-Trichlorobenzene	ND	25.0	"							
Hexachlorobutadiene	ND	25.0	"							
Naphthalene	ND	25.0	"							
1,2,3-Trichlorobenzene	ND	25.0	"							
Surrogate: Dibromofluoromethane	*52.4*		*ug/kg*	*50.0*		*105*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*41.3*		*"*	*50.0*		*82.6*	*52-149*			
Surrogate: Toluene-d8	*43.5*		*"*	*50.0*		*87.0*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*33.6*		*"*	*50.0*		*67.2*	*66-145*			

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Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61809 - EPA 5030C (GCMS)										
LCS (EG61809-BS1)				Prepared & Analyzed: 07/18/06						
1,1-Dichloroethene	575	25.0	ug/kg wet	625		92.0	60-140			
Methylene chloride	496	25.0	"	625		79.4	60-140			
trans-1,2-Dichloroethene	569	25.0	"	625		91.0	60-140			
1,1-Dichloroethane	556	25.0	"	625		89.0	60-140			
cis-1,2-Dichloroethene	595	25.0	"	625		95.2	60-140			
Bromochloromethane	543	25.0	"	625		86.9	60-140			
Chloroform	607	25.0	"	625		97.1	60-140			
1,1,1-Trichloroethane	651	25.0	"	625		104	60-140			
Carbon tetrachloride	594	25.0	"	625		95.0	60-140			
1,1-Dichloropropene	554	25.0	"	625		88.6	60-140			
1,2-Dichloroethane	568	25.0	"	625		90.9	60-140			
Benzene	505	25.0	"	625		80.8	60-140			
Trichloroethene	565	25.0	"	625		90.4	60-140			
1,2-Dichloropropane	474	25.0	"	625		75.8	60-140			
Dibromomethane	528	25.0	"	625		84.5	60-140			
Bromodichloromethane	526	25.0	"	625		84.2	60-140			
cis-1,3-Dichloropropene	566	25.0	"	625		90.6	60-140			
Toluene	567	25.0	"	625		90.7	60-140			
trans-1,3-Dichloropropene	776	25.0	"	625		124	60-140			
1,1,2-Trichloroethane	552	25.0	"	625		88.3	60-140			
Tetrachloroethene	423	25.0	"	625		67.7	60-140			
1,3-Dichloropropane	497	25.0	"	625		79.5	60-140			
Dibromochloromethane	574	25.0	"	625		91.8	60-140			
1,2-Dibromoethane (EDB)	601	25.0	"	625		96.2	60-140			
Chlorobenzene	616	25.0	"	625		98.6	60-140			
1,1,1,2-Tetrachloroethane	630	25.0	"	625		101	60-140			
Ethylbenzene	595	25.0	"	625		95.2	60-140			
m,p-Xylene	1100	25.0	"	1250		88.0	60-140			
o-Xylene	583	25.0	"	625		93.3	60-140			
Styrene	511	25.0	"	625		81.8	60-140			
Bromoform	511	25.0	"	625		81.8	60-140			
Isopropylbenzene	643	25.0	"	625		103	60-140			
1,1,2,2-Tetrachloroethane	428	25.0	"	625		68.5	60-140			
Bromobenzene	479	25.0	"	625		76.6	60-140			
n-Propylbenzene	524	25.0	"	625		83.8	60-140			
2-Chlorotoluene	521	25.0	"	625		83.4	60-140			
1,3,5-Trimethylbenzene	560	25.0	"	625		89.6	60-140			
4-Chlorotoluene	535	25.0	"	625		85.6	60-140			
tert-Butylbenzene	628	25.0	"	625		100	60-140			
1,2,4-Trimethylbenzene	552	25.0	"	625		88.3	60-140			
sec-Butylbenzene	524	25.0	"	625		83.8	60-140			
1,3-Dichlorobenzene	567	25.0	"	625		90.7	60-140			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61809 - EPA 5030C (GCMS)										
LCS (EG61809-BS1)				Prepared & Analyzed: 07/18/06						
p-Isopropyltoluene	612	25.0	ug/kg wet	625		97.9	60-140			
1,4-Dichlorobenzene	544	25.0	"	625		87.0	60-140			
n-Butylbenzene	568	25.0	"	625		90.9	60-140			
1,2-Dichlorobenzene	565	25.0	"	625		90.4	60-140			
1,2-Dibromo-3-chloropropane	459	25.0	"	625		73.4	60-140			
1,2,4-Trichlorobenzene	607	25.0	"	625		97.1	60-140			
Hexachlorobutadiene	680	25.0	"	625		109	60-140			
Naphthalene	502	25.0	"	625		80.3	60-140			
1,2,3-Trichlorobenzene	573	25.0	"	625		91.7	60-140			
Surrogate: Dibromofluoromethane	*48.9*		*ug/kg*	*50.0*		*97.8*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*42.2*		*"*	*50.0*		*84.4*	*52-149*			
Surrogate: Toluene-d8	*42.9*		*"*	*50.0*		*85.8*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*35.7*		*"*	*50.0*		*71.4*	*66-145*			
Calibration Check (EG61809-CCV1)				Prepared & Analyzed: 07/18/06						
Vinyl chloride	44.0		ug/kg	50.0		88.0	70-130			
1,1-Dichloroethene	52.2		"	50.0		104	70-130			
Chloroform	44.3		"	50.0		88.6	70-130			
1,2-Dichloropropane	36.0		"	50.0		72.0	70-130			
Toluene	39.9		"	50.0		79.8	70-130			
Ethylbenzene	39.1		"	50.0		78.2	70-130			
Surrogate: Dibromofluoromethane	*48.1*		*"*	*50.0*		*96.2*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*42.9*		*"*	*50.0*		*85.8*	*52-149*			
Surrogate: Toluene-d8	*43.6*		*"*	*50.0*		*87.2*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*33.9*		*"*	*50.0*		*67.8*	*66-145*			
Matrix Spike (EG61809-MS1)	**Source: 6G13014-04**			Prepared: 07/18/06		Analyzed: 07/20/06				
1,1-Dichloroethene	629	25.0	ug/kg dry	652	ND	96.5	61-145			
Methylene chloride	507	25.0	"	652	ND	77.8	60-140			
trans-1,2-Dichloroethene	595	25.0	"	652	ND	91.3	60-140			
1,1-Dichloroethane	573	25.0	"	652	ND	87.9	60-140			
cis-1,2-Dichloroethene	610	25.0	"	652	ND	93.6	60-140			
Bromochloromethane	562	25.0	"	652	ND	86.2	60-140			
Chloroform	640	25.0	"	652	ND	98.2	60-140			
1,1,1-Trichloroethane	716	25.0	"	652	ND	110	60-140			
Carbon tetrachloride	639	25.0	"	652	ND	98.0	60-140			
1,1-Dichloropropene	563	25.0	"	652	ND	86.3	60-140			
1,2-Dichloroethane	593	25.0	"	652	ND	91.0	60-140			
Benzene	498	25.0	"	652	ND	76.4	76-127			
Trichloroethene	589	25.0	"	652	ND	90.3	71-120			
1,2-Dichloropropane	454	25.0	"	652	ND	69.6	60-140			
Dibromomethane	532	25.0	"	652	ND	81.6	60-140			
Bromodichloromethane	538	25.0	"	652	ND	82.5	60-140			

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Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61809 - EPA 5030C (GCMS)										
Matrix Spike (EG61809-MS1)	**Source: 6G13014-04**			Prepared: 07/18/06		Analyzed: 07/20/06				
cis-1,3-Dichloropropene	558	25.0	ug/kg dry	652	ND	85.6	60-140			
Toluene	576	25.0	"	652	ND	88.3	76-125			
trans-1,3-Dichloropropene	775	25.0	"	652	ND	119	60-140			
1,1,2-Trichloroethane	553	25.0	"	652	ND	84.8	60-140			
Tetrachloroethene	462	25.0	"	652	ND	70.9	60-140			
1,3-Dichloropropane	507	25.0	"	652	ND	77.8	60-140			
Dibromochloromethane	609	25.0	"	652	ND	93.4	60-140			
1,2-Dibromoethane (EDB)	629	25.0	"	652	ND	96.5	60-140			
Chlorobenzene	664	25.0	"	652	ND	102	75-130			
1,1,1,2-Tetrachloroethane	678	25.0	"	652	ND	104	60-140			
Ethylbenzene	637	25.0	"	652	ND	97.7	60-140			
m,p-Xylene	1170	25.0	"	1300	ND	90.0	60-140			
o-Xylene	621	25.0	"	652	ND	95.2	60-140			
Styrene	537	25.0	"	652	ND	82.4	60-140			
Bromoform	514	25.0	"	652	ND	78.8	60-140			
Isopropylbenzene	696	25.0	"	652	ND	107	60-140			
1,1,2,2-Tetrachloroethane	407	25.0	"	652	ND	62.4	60-140			
Bromobenzene	488	25.0	"	652	ND	74.8	60-140			
n-Propylbenzene	560	25.0	"	652	ND	85.9	60-140			
2-Chlorotoluene	561	25.0	"	652	ND	86.0	60-140			
1,3,5-Trimethylbenzene	603	25.0	"	652	ND	92.5	60-140			
4-Chlorotoluene	557	25.0	"	652	ND	85.4	60-140			
tert-Butylbenzene	671	25.0	"	652	ND	103	60-140			
1,2,4-Trimethylbenzene	585	25.0	"	652	ND	89.7	60-140			
sec-Butylbenzene	571	25.0	"	652	ND	87.6	60-140			
1,3-Dichlorobenzene	622	25.0	"	652	ND	95.4	60-140			
p-Isopropyltoluene	684	25.0	"	652	ND	105	60-140			
1,4-Dichlorobenzene	605	25.0	"	652	ND	92.8	60-140			
n-Butylbenzene	607	25.0	"	652	ND	93.1	60-140			
1,2-Dichlorobenzene	603	25.0	"	652	ND	92.5	60-140			
1,2-Dibromo-3-chloropropane	423	25.0	"	652	ND	64.9	60-140			
1,2,4-Trichlorobenzene	574	25.0	"	652	ND	88.0	60-140			
Hexachlorobutadiene	711	25.0	"	652	ND	109	60-140			
Naphthalene	468	25.0	"	652	ND	71.8	60-140			
1,2,3-Trichlorobenzene	541	25.0	"	652	ND	83.0	60-140			
Surrogate: Dibromofluoromethane	*48.4*		*ug/kg*	*50.0*		*96.8*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*42.7*		*"*	*50.0*		*85.4*	*52-149*			
Surrogate: Toluene-d8	*41.8*		*"*	*50.0*		*83.6*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*34.7*		*"*	*50.0*		*69.4*	*66-145*			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61809 - EPA 5030C (GCMS)										
Matrix Spike Dup (EG61809-MSD1)	**Source: 6G13014-04**			Prepared: 07/18/06	Analyzed: 07/20/06					
1,1-Dichloroethene	600	25.0	ug/kg dry	652	ND	92.0	61-145	4.72	14	
Methylene chloride	509	25.0	"	652	ND	78.1	60-140	0.394	20	
trans-1,2-Dichloroethene	590	25.0	"	652	ND	90.5	60-140	0.844	20	
1,1-Dichloroethane	567	25.0	"	652	ND	87.0	60-140	1.05	20	
cis-1,2-Dichloroethene	605	25.0	"	652	ND	92.8	60-140	0.823	20	
Bromochloromethane	548	25.0	"	652	ND	84.0	60-140	2.52	20	
Chloroform	630	25.0	"	652	ND	96.6	60-140	1.57	20	
1,1,1-Trichloroethane	707	25.0	"	652	ND	108	60-140	1.26	20	
Carbon tetrachloride	636	25.0	"	652	ND	97.5	60-140	0.471	20	
1,1-Dichloropropene	541	25.0	"	652	ND	83.0	60-140	3.99	20	
1,2-Dichloroethane	600	25.0	"	652	ND	92.0	60-140	1.17	20	
Benzene	502	25.0	"	652	ND	77.0	76-127	0.800	11	
Trichloroethene	584	25.0	"	652	ND	89.6	71-120	0.853	14	
1,2-Dichloropropane	466	25.0	"	652	ND	71.5	60-140	2.61	20	
Dibromomethane	533	25.0	"	652	ND	81.7	60-140	0.188	20	
Bromodichloromethane	540	25.0	"	652	ND	82.8	60-140	0.371	20	
cis-1,3-Dichloropropene	560	25.0	"	652	ND	85.9	60-140	0.358	20	
Toluene	581	25.0	"	652	ND	89.1	76-125	0.864	13	
trans-1,3-Dichloropropene	782	25.0	"	652	ND	120	60-140	0.899	20	
1,1,2-Trichloroethane	555	25.0	"	652	ND	85.1	60-140	0.361	20	
Tetrachloroethene	455	25.0	"	652	ND	69.8	60-140	1.53	20	
1,3-Dichloropropane	500	25.0	"	652	ND	76.7	60-140	1.39	20	
Dibromochloromethane	597	25.0	"	652	ND	91.6	60-140	1.99	20	
1,2-Dibromoethane (EDB)	622	25.0	"	652	ND	95.4	60-140	1.12	20	
Chlorobenzene	667	25.0	"	652	ND	102	75-130	0.451	13	
1,1,1,2-Tetrachloroethane	677	25.0	"	652	ND	104	60-140	0.148	20	
Ethylbenzene	631	25.0	"	652	ND	96.8	60-140	0.946	20	
m,p-Xylene	1170	25.0	"	1300	ND	90.0	60-140	0.00	20	
o-Xylene	616	25.0	"	652	ND	94.5	60-140	0.808	20	
Styrene	534	25.0	"	652	ND	81.9	60-140	0.560	20	
Bromoform	504	25.0	"	652	ND	77.3	60-140	1.96	20	
Isopropylbenzene	707	25.0	"	652	ND	108	60-140	1.57	20	
1,1,2,2-Tetrachloroethane	404	25.0	"	652	ND	62.0	60-140	0.740	20	
Bromobenzene	494	25.0	"	652	ND	75.8	60-140	1.22	20	
n-Propylbenzene	565	25.0	"	652	ND	86.7	60-140	0.889	20	
2-Chlorotoluene	556	25.0	"	652	ND	85.3	60-140	0.895	20	
1,3,5-Trimethylbenzene	615	25.0	"	652	ND	94.3	60-140	1.97	20	
4-Chlorotoluene	564	25.0	"	652	ND	86.5	60-140	1.25	20	
tert-Butylbenzene	706	25.0	"	652	ND	108	60-140	5.08	20	
1,2,4-Trimethylbenzene	586	25.0	"	652	ND	89.9	60-140	0.171	20	
sec-Butylbenzene	574	25.0	"	652	ND	88.0	60-140	0.524	20	
1,3-Dichlorobenzene	611	25.0	"	652	ND	93.7	60-140	1.78	20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61809 - EPA 5030C (GCMS)										
Matrix Spike Dup (EG61809-MSD1)	**Source: 6G13014-04**			Prepared: 07/18/06	Analyzed: 07/20/06					
p-Isopropyltoluene	689	25.0	ug/kg dry	652	ND	106	60-140	0.728	20	
1,4-Dichlorobenzene	606	25.0	"	652	ND	92.9	60-140	0.165	20	
n-Butylbenzene	609	25.0	"	652	ND	93.4	60-140	0.329	20	
1,2-Dichlorobenzene	593	25.0	"	652	ND	91.0	60-140	1.67	20	
1,2-Dibromo-3-chloropropane	417	25.0	"	652	ND	64.0	60-140	1.43	20	
1,2,4-Trichlorobenzene	556	25.0	"	652	ND	85.3	60-140	3.19	20	
Hexachlorobutadiene	687	25.0	"	652	ND	105	60-140	3.43	20	
Naphthalene	499	25.0	"	652	ND	76.5	60-140	6.41	20	
1,2,3-Trichlorobenzene	534	25.0	"	652	ND	81.9	60-140	1.30	20	
Surrogate: Dibromofluoromethane	*48.0*		*ug/kg*	*50.0*		*96.0*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*42.6*		"	*50.0*		*85.2*	*52-149*			
Surrogate: Toluene-d8	*42.5*		"	*50.0*		*85.0*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*34.9*		"	*50.0*		*69.8*	*66-145*			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Landfarm
Project Number: None Given
Project Manager: Mark Larson

Fax: (432) 687-0456

PAH compounds by Semivolatile GCMS - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62117 - EPA 3550B										
Blank (EG62117-BLK1)				Prepared: 07/20/06 Analyzed: 07/21/06						
Naphthalene	ND	200	ug/kg wet							
Acenaphthylene	ND	200	"							
Acenaphthene	ND	200	"							
Fluorene	ND	200	"							
Phenanthrene	ND	200	"							
Anthracene	ND	200	"							
Fluoranthene	ND	200	"							
Pyrene	ND	200	"							
Benzo (a) anthracene	ND	200	"							
Chrysene	ND	200	"							
Indeno (1,2,3-cd) pyrene	ND	200	"							
Benzo (b) fluoranthene	ND	200	"							
Benzo (k) fluoranthene	ND	200	"							
Benzo (a) pyrene	ND	20.0	"							
Dibenzo (a,h) anthracene	ND	32.0	"							
Benzo (g,h,i) perylene	ND	200	"							
Surrogate: Nitrobenzene-d5	*46.1*		*ug/kg*	*80.0*		*57.6*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*56.4*		*"*	*80.0*		*70.5*	*30-115*			
Surrogate: p-Terphenyl-d14	*65.6*		*"*	*80.0*		*82.0*	*18-137*			
LCS (EG62117-BS1)				Prepared: 07/20/06 Analyzed: 07/21/06						
Naphthalene	2840	200	ug/kg wet	4000		71.0	21-133			
Acenaphthylene	2440	200	"	4000		61.0	33-145			
Acenaphthene	2530	200	"	4000		63.2	47-145			
Fluorene	2930	200	"	4000		73.2	59-121			
Phenanthrene	3470	200	"	4000		86.8	54-120			
Anthracene	3520	200	"	4000		88.0	27-133			
Fluoranthene	3320	200	"	4000		83.0	26-137			
Pyrene	3720	200	"	4000		93.0	52-115			
Benzo (a) anthracene	2610	200	"	4000		65.2	33-143			
Chrysene	3260	200	"	4000		81.5	17-168			
Indeno (1,2,3-cd) pyrene	976	200	"	4000		24.4	5-171			
Benzo (b) fluoranthene	3540	200	"	4000		88.5	24-159			
Benzo (k) fluoranthene	4420	200	"	4000		110	11-162			
Benzo (a) pyrene	3230	20.0	"	4000		80.8	17-163			
Dibenzo (a,h) anthracene	2250	32.0	"	4000		56.2	5-227			
Benzo (g,h,i) perylene	2180	200	"	4000		54.5	5-219			
Surrogate: Nitrobenzene-d5	*62.3*		*ug/kg*	*80.0*		*77.9*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*64.9*		*"*	*80.0*		*81.1*	*30-115*			
Surrogate: p-Terphenyl-d14	*84.4*		*"*	*80.0*		*106*	*18-137*			

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Project Manager: Mark Larson

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PAH compounds by Semivolatile GCMS - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62117 - EPA 3550B										
LCS Dup (EG62117-BSD1)				Prepared: 07/20/06 Analyzed: 07/21/06						
Naphthalene	2450	200	ug/kg wet	4000		61.2	21-133	14.7	30.1	
Acenaphthylene	2180	200	"	4000		54.5	33-145	11.3	40.2	
Acenaphthene	2280	200	"	4000		57.0	47-145	10.4	27.6	
Fluorene	2620	200	"	4000		65.5	59-121	11.2	20.7	
Phenanthrene	3060	200	"	4000		76.5	54-120	12.6	20.6	
Anthracene	3000	200	"	4000		75.0	27-133	16.0	32	
Fluoranthene	3010	200	"	4000		75.2	26-137	9.79	32.8	
Pyrene	3240	200	"	4000		81.0	52-115	13.8	25.5	
Benzo (a) anthracene	2320	200	"	4000		58.0	33-143	11.8	27.6	
Chrysene	2830	200	"	4000		70.8	17-168	14.1	48.3	
Indeno (1,2,3-cd) pyrene	784	200	"	4000		19.6	5-171	21.8	44.6	
Benzo (b) fluoranthene	3320	200	"	4000		83.0	24-159	6.41	38.8	
Benzo (k) fluoranthene	3950	200	"	4000		98.8	11-162	11.2	32.3	
Benzo (a) pyrene	2900	20.0	"	4000		72.5	17-163	10.8	39	
Dibenzo (a,h) anthracene	1780	32.0	"	4000		44.5	5-227	23.3	70	
Benzo (g,h,i) perylene	1700	200	"	4000		42.5	5-219	24.7	58.9	
Surrogate: Nitrobenzene-d5	*55.9*		*ug/kg*	*80.0*		*69.9*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*59.8*		*"*	*80.0*		*74.8*	*30-115*			
Surrogate: p-Terphenyl-d14	*76.8*		*"*	*80.0*		*96.0*	*18-137*			
Calibration Check (EG62117-CCV1)				Prepared: 07/20/06 Analyzed: 07/21/06						
Acenaphthene	40.6		ug/kg	50.0		81.2	70-130			
Fluoranthene	51.0		"	50.0		102	70-130			
Benzo (a) pyrene	51.1		"	50.0		102	70-130			
Surrogate: Nitrobenzene-d5	*76.2*		*"*	*80.0*		*95.2*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*82.2*		*"*	*80.0*		*103*	*30-115*			
Surrogate: p-Terphenyl-d14	*87.4*		*"*	*80.0*		*109*	*18-137*			

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Project: Targa/ Landfarm
Project Number: None Given
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-07	Recovery outside Laboratory historical or method prescribed limits.
QM-10	LCS/LCSD were analyzed in place of MS/MSD.
MS-3	Matrix spike and/or matrix spike duplicate outside 75-125% limits. Serial dilution (x5) outside 10% RPD limits. Post spike for the serial dilution sample was within 75-125% recovery, therefore data accepted based on method requirements.
MS-1	Recovery of sample outside of historical limits due to matrix interference.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
I-02	This result was analyzed outside of the EPA recommended holding time.
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
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 7-28-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc. Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Targa Resources
SITE MANAGER: Mark Larson
PROJECT NO.:
PROJECT NAME: Landfarm
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	See List Attached	8270 PAH	8260 Full List	Cl, Fl, Cyanide	Cu, Fe, Mn, Zn	Total Metals	Nitrate Nitrogen	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/14	0840		X		1A 3-4'	2		X	X	X	X	X	X	X	604901-01
7/14	0857				1B 3-4'	2		X	X	X	X	X	X	X	-02
7/14	0920		↓		1C 3-4'	2		X	X	X	X	X	X	X	-03

PARAMETERS/METHOD NUMBER

SAMPLED BY: (Signature) DATE: 7/14 TIME: 1600
RELINQUISHED BY: (Signature) DATE: 7/14 TIME: 1612
RECEIVED BY: (Signature) DATE: TIME:
RELINQUISHED BY: (Signature) DATE: TIME:
RECEIVED BY: (Signature) DATE: TIME:
SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:
TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY:
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:
RECEIVED BY: (Signature)
DATE: 7/14/06 TIME: 16:12

SAMPLE CONDITION WHEN RECEIVED:
4oz glass w/o labels 5.0°C
LA CONTACT PERSON:
SAMPLE TYPE:

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson

Date/Time: 7/14/06 16:12

Order #: 6G14011

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	5.0 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	ID on lid
Container labels legible and intact? CK	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:

DRAFT
June 20, 2006

Landfarm Soil Closure Standards

	Constituent	Concentration (mg/kg) (Except where noted)
(i)	Arsenic (As)	0.0146
(ii)	Barium (Ba)	106
(iii)	Cadmium (Cd)	1.37
(iv)	Chromium (Cr)	2.10
(v)	Cyanide (CN)	7.35
(vi)	Fluoride (F)	329
(vii)	Lead (Pb)	400
(viii)	Total Mercury (Hg)	334
(ix)	Nitrate (NO3 as N)	17.1
(x)	Selenium (Se)	0.953
(xi)	Silver (Ag)	1.57
~~(xii)~~	~~Uranium (U)~~	~~16~~
~~(xiii)~~	~~Radioactivity: Combined Radium-226 and Radium-228~~	~~30 pCi/g~~
~~(xiv)~~	~~Polychlorinated biphenyls (PCBs)~~	~~0.0224~~
(xv)	Toluene	0.347
(xvi)	Carbon Tetrachloride	0.000988
(xvii)	1,2-dichloroethane (EDC)	0.000248
(xviii)	1,1-dichloroethylene (1,1-DCE)	0.133
(xix)	1,1,2,2-tetrachloroethylene (PCE)	0.00215
(xx)	1,1,2-trichloroethylene (TCE)	0.000131
(xxi)	ethylbenzene	1.01
(xxii)	total xylenes	0.167
(xxiii)	methylene chloride	0.00853
(xxiv)	chloroform	0.000414
(xxv)	1,1-dichloroethane	0.201
(xxvi)	ethylene dibromide (EDB)	0.000013
(xxvii)	1,1,1-trichloroethane	1.34
(xxviii)	1,1,2-trichloroethane	0.000498
(xxix)	1,1,2,2-tetrachloroethane	0.000172
(xxx)	vinyl chloride	0.000143
(xxxi)	PAHs: total naphthalene plus monomethylnaphthalenes	0.0197
(xxxii)	benzo-a-pyrene	0.6210

(xxxiii)	Chloride (Cl)	1000
(xxxiv)	Copper (Cu)	51.5
(xxxv)	Iron (Fe)	277
(xxxvi)	Manganese (Mn)	334
(xxxvii)	Phenols	2.37
(xxxviii)	Sulfate (SO4)	background
(xxxix)	Zinc (Zn)	682

(7) Disposition of treated soils per 19.15.2.53G NMAC

(a) If the operator achieves the closure performance standards specified in Paragraph (6) above, then the operator may either leave the treated soil in place, or with prior division approval dispose or reuse the treated soil in an alternative manner.

(b) If the operator cannot achieve the closure performance standards specified in Paragraph (6) above within five years, at the end of the permit period, or as extended by the division, then the operator shall remove all contaminated soil from the landfarm cell and properly dispose of it at a division-approved landfill, or reuse or recycle it in a manner approved by the division. The operator may request approval of an alternative soil closure standard from the division and the division may grant the request administratively.

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Targa/ Landfarm

Project Number: None Given

Location: None Given

Lab Order Number: 6H21002

Report Date: 08/24/06

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Targa/ Eunice GP Landfarm

Project Number: 6-0108

Location: None Given

Lab Order Number: 6G21001

Report Date: 08/14/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A 3-4' (6G21001-01) Soil									
Chloride	**320**	5.00	mg/kg	10	EG63104	07/28/06	07/31/06	EPA 300.0	
Cyanide (total)	ND	0.0900	"	1	EG62812	07/28/06	07/28/06	SW 846 9010B	
Fluoride	**2.76**	1.00	"	10	EG63103	07/28/06	07/31/06	EPA 300.0	
Nitrate as N	**0.952**	0.0500	"	1	EH61015	08/10/06	08/10/06	"	O-04
Phenolics	ND	0.500	"	"	EH61401	08/03/06	08/03/06	SW846-9066M	
% Moisture	**8.1**	0.1	%	"	EG63118	07/28/06	07/31/06	% calculation	
Sulfate	**523**	5.00	mg/kg	10	EG63104	"	07/31/06	EPA 300.0	
2B 3-4' (6G21001-02) Soil									
Chloride	**241**	5.00	mg/kg	10	EG63104	07/28/06	07/31/06	EPA 300.0	
Cyanide (total)	ND	0.0900	"	1	EG62812	07/28/06	07/28/06	SW 846 9010B	
Fluoride	**8.25**	1.00	"	10	EG63103	07/28/06	07/31/06	EPA 300.0	
Nitrate as N	**0.197**	0.0500	"	1	EH61015	08/10/06	08/10/06	"	O-04
Phenolics	ND	0.500	"	"	EH61401	08/03/06	08/03/06	SW846-9066M	
% Moisture	**7.4**	0.1	%	"	EG63118	07/28/06	07/31/06	% calculation	
Sulfate	**317**	5.00	mg/kg	10	EG63104	"	07/31/06	EPA 300.0	
2C 3-4' (6G21001-03) Soil									
Chloride	**5.28**	5.00	mg/kg	10	EG63104	07/28/06	07/31/06	EPA 300.0	
Cyanide (total)	ND	0.0900	"	1	EG62812	07/28/06	07/28/06	SW 846 9010B	
Fluoride	**3.43**	1.00	"	10	EG63103	07/28/06	07/31/06	EPA 300.0	
Nitrate as N	**0.200**	0.0500	"	1	EH61015	08/10/06	08/10/06	"	O-04
Phenolics	ND	0.500	"	"	EH61401	08/03/06	08/03/06	SW846-9066M	
% Moisture	**6.1**	0.1	%	"	EG63118	07/28/06	07/31/06	% calculation	
Sulfate	**21.6**	5.00	mg/kg	10	EG63104	"	07/31/06	EPA 300.0	
2D 3-4' (6G21001-04) Soil									
Chloride	**11.5**	5.00	mg/kg	10	EG63104	07/28/06	07/31/06	EPA 300.0	
Cyanide (total)	ND	0.0900	"	1	EG62812	07/28/06	07/28/06	SW 846 9010B	
Fluoride	**2.46**	1.00	"	10	EG63103	07/28/06	07/31/06	EPA 300.0	
Nitrate as N	**0.839**	0.0500	"	1	EH61015	08/10/06	08/10/06	"	O-04
Phenolics	ND	0.500	"	"	EH61401	08/03/06	08/03/06	SW846-9066M	
% Moisture	**3.4**	0.1	%	"	EG63118	07/28/06	07/31/06	% calculation	
Sulfate	**35.3**	5.00	mg/kg	10	EG63104	"	07/31/06	EPA 300.0	

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Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A 3-4' (6G21001-01) Soil									
Copper	**8.12**	6.02	mg/kg dry	2500	EH60201	07/28/06	08/02/06	EPA 6020A	
Iron	**905**	1.00	mg/kg dry wt. dry	500	EH60109	07/28/06	08/01/06	EPA 6010B	
Mercury	**0.01469**	0.01250	mg/kg dry	50	EG63107	07/28/06	07/31/06	7471	
Chromium	**ND**	2.44	"	2500	EH60201	07/28/06	08/02/06	EPA 6020A	
Arsenic	**20.5**	4.26	"	"	"	"	"	"	
Selenium	**J [4.85]**	7.51	"	"	"	"	"	"	J
Silver	**J [0.253]**	1.01	"	"	"	"	"	"	J
Cadmium	ND	1.73	"	"	"	"	"	"	
Barium	**567**	1.22	"	"	"	"	"	"	
Lead	**1.22**	0.740	"	"	"	"	"	"	
Manganese	**13.8**	1.42	"	"	"	"	"	"	
Zinc	**28.1**	12.5	mg/kg dry wt. dry	"	"	"	"	"	
2B 3-4' (6G21001-02) Soil									
Copper	**J [9.12]**	12.0	mg/kg dry	5000	EH60201	07/28/06	08/02/06	EPA 6020A	J
Iron	**833**	1.00	mg/kg dry wt. dry	500	EH60109	07/28/06	08/01/06	EPA 6010B	
Mercury	**0.01566**	0.01250	mg/kg dry	50	EG63107	07/28/06	07/31/06	7471	
Chromium	ND	4.88	"	5000	EH60201	07/28/06	08/02/06	EPA 6020A	
Arsenic	**14.4**	8.52	"	"	"	"	"	"	
Selenium	**19.2**	15.0	"	"	"	"	"	"	
Silver	ND	2.02	"	"	"	"	"	"	
Cadmium	ND	3.46	"	"	"	"	"	"	
Barium	**1310**	2.44	"	"	"	"	"	"	
Lead	**J [0.912]**	1.48	"	"	"	"	"	"	J
Manganese	**10.4**	2.85	"	"	"	"	"	"	
Zinc	**25.7**	25.0	mg/kg dry wt. dry	"	"	"	"	"	
2C 3-4' (6G21001-03) Soil									
Copper	**6.15**	1.20	mg/kg dry	500	EH60201	07/28/06	08/02/06	EPA 6020A	
Iron	**1610**	1.00	mg/kg dry wt. dry	"	EH60109	07/28/06	08/01/06	EPA 6010B	
Mercury	**0.01597**	0.01250	mg/kg dry	50	EG63107	07/28/06	07/31/06	7471	
Chromium	**2.14**	0.488	"	500	EH60201	07/28/06	08/02/06	EPA 6020A	
Arsenic	**4.45**	0.852	"	"	"	"	"	"	
Selenium	**J [0.812]**	1.50	"	"	"	"	"	"	J
Silver	ND	0.202	"	"	"	"	"	"	

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Project Manager: Mark Larson

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Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2C 3-4' (6G21001-03) Soil									
Cadmium	ND	0.346	mg/kg dry	500	EH60201	07/28/06	08/02/06	EPA 6020A	
Barium	**198**	0.244	"	"	"	"	"	"	
Lead	**1.07**	0.148	"	"	"	"	"	"	
Manganese	**21.6**	0.285	"	"	"	"	"	"	
Zinc	**13.0**	2.50	mg/kg dry wt. dry	"	"	"	"	"	
2D 3-4' (6G21001-04) Soil									
Copper	**7.25**	1.20	mg/kg dry	500	EH60201	07/28/06	08/02/06	EPA 6020A	
Iron	**755**	1.00	mg/kg dry wt. dry	"	EH60109	07/28/06	08/01/06	EPA 6010B	
Mercury	**J [0.01242]**	0.01250	mg/kg dry	50	EG63107	07/28/06	07/31/06	7471	J
Chromium	**1.12**	0.488	"	500	EH60201	07/28/06	08/02/06	EPA 6020A	
Arsenic	**5.54**	0.852	"	"	"	"	"	"	
Selenium	**J [0.467]**	1.50	"	"	"	"	"	"	J
Silver	ND	0.202	"	"	"	"	"	"	
Cadmium	ND	0.346	"	"	"	"	"	"	
Barium	**363**	0.244	"	"	"	"	"	"	
Lead	**0.592**	0.148	"	"	"	"	"	"	
Manganese	**13.3**	0.285	"	"	"	"	"	"	
Zinc	**10.8**	2.50	mg/kg dry wt. dry	"	"	"	"	"	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A 3-4' (6G21001-01) Soil									
Dichlorodifluoromethane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Chloromethane	ND	25.0	"	"	"	"	"	"	
Vinyl chloride	ND	25.0	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
Chloroethane	ND	25.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Acetone	ND	125	"	"	"	"	"	"	
Iodomethane	ND	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	25.0	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Acrylonitrile	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Vinyl acetate	ND	25.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	25.0	"	"	"	"	"	"	
Bromochloromethane	ND	25.0	"	"	"	"	"	"	
Chloroform	ND	25.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	25.0	"	"	"	"	"	"	
1-Dichloropropene	ND	25.0	"	"	"	"	"	"	
2-Dichloroethane	ND	25.0	"	"	"	"	"	"	
nzene	ND	25.0	"	"	"	"	"	"	
chloroethene	ND	25.0	"	"	"	"	"	"	
Dichloropropane	ND	25.0	"	"	"	"	"	"	
omomethane	ND	25.0	"	"	"	"	"	"	
odichloromethane	ND	25.0	"	"	"	"	"	"	
roethylvinyl ether	ND	25.0	"	"	"	"	"	"	
Dichloropropene	ND	25.0	"	"	"	"	"	"	
l-2-pentanone	ND	25.0	"	"	"	"	"	"	
	ND	25.0	"	"	"	"	"	"	
Dichloropropene	ND	25.0	"	"	"	"	"	"	
oroethane	ND	25.0	"	"	"	"	"	"	
	ND	25.0	"	"	"	"	"	"	
hene	ND	25.0	"	"	"	"	"	"	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A 3-4' (6G21001-01) Soil									
1,3-Dichloropropane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Dibromochloromethane	ND	25.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25.0	"	"	"	"	"	"	
Chlorobenzene	ND	25.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Ethylbenzene	ND	25.0	"	"	"	"	"	"	
m,p-Xylene	ND	25.0	"	"	"	"	"	"	
o-Xylene	ND	25.0	"	"	"	"	"	"	
Styrene	ND	25.0	"	"	"	"	"	"	
Bromoform	ND	25.0	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	25.0	"	"	"	"	"	"	
Isopropylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Bromobenzene	ND	25.0	"	"	"	"	"	"	
n-Propylbenzene	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	25.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*70-139*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*77.4 %*	*52-149*		"	"	"	"	
Surrogate: Toluene-d8		*82.6 %*	*76-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*75.2 %*	*66-145*		"	"	"	"	

Larson & Associates, Inc.	Project: Targa/ Eunice GP Landfarm	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 6-0108	
Midland TX, 79710	Project Manager: Mark Larson	

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2B 3-4' (6G21001-02) Soil									
Dichlorodifluoromethane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Chloromethane	ND	25.0	"	"	"	"	"	"	
Vinyl chloride	ND	25.0	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
Chloroethane	ND	25.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Acetone	ND	125	"	"	"	"	"	"	
Iodomethane	ND	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	25.0	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Acrylonitrile	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Vinyl acetate	ND	25.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	25.0	"	"	"	"	"	"	
Bromochloromethane	ND	25.0	"	"	"	"	"	"	
Chloroform	ND	25.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	25.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Benzene	ND	25.0	"	"	"	"	"	"	
Trichloroethene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Dibromomethane	ND	25.0	"	"	"	"	"	"	
Bromodichloromethane	ND	25.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	25.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	25.0	"	"	"	"	"	"	
Toluene	ND	25.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2-Hexanone	ND	25.0	"	"	"	"	"	"	
Tetrachloroethene	ND	25.0	"	"	"	"	"	"	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

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Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2B 3-4' (6G21001-02) Soil									
1,3-Dichloropropane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Dibromochloromethane	ND	25.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25.0	"	"	"	"	"	"	
Chlorobenzene	ND	25.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Ethylbenzene	ND	25.0	"	"	"	"	"	"	
m,p-Xylene	ND	25.0	"	"	"	"	"	"	
o-Xylene	ND	25.0	"	"	"	"	"	"	
Styrene	ND	25.0	"	"	"	"	"	"	
Bromoform	ND	25.0	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	25.0	"	"	"	"	"	"	
Isopropylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Bromobenzene	ND	25.0	"	"	"	"	"	"	
n-Propylbenzene	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	25.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*70-139*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*79.8 %*	*52-149*		"	"	"	"	
Surrogate: Toluene-d8		*82.2 %*	*76-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*75.8 %*	*66-145*		"	"	"	"	

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Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2C 3-4' (6G21001-03) Soil									
Dichlorodifluoromethane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Chloromethane	ND	25.0	"	"	"	"	"	"	
Vinyl chloride	ND	25.0	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
Chloroethane	ND	25.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Acetone	ND	125	"	"	"	"	"	"	
Iodomethane	ND	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	25.0	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Acrylonitrile	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Vinyl acetate	ND	25.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	25.0	"	"	"	"	"	"	
Bromochloromethane	ND	25.0	"	"	"	"	"	"	
Chloroform	ND	25.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	25.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Benzene	ND	25.0	"	"	"	"	"	"	
Trichloroethene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Dibromomethane	ND	25.0	"	"	"	"	"	"	
Bromodichloromethane	ND	25.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	25.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	25.0	"	"	"	"	"	"	
Toluene	ND	25.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2-Hexanone	ND	25.0	"	"	"	"	"	"	
Tetrachloroethene	ND	25.0	"	"	"	"	"	"	

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Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2C 3-4' (6G21001-03) Soil									
1,3-Dichloropropane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Dibromochloromethane	ND	25.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25.0	"	"	"	"	"	"	
Chlorobenzene	ND	25.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Ethylbenzene	ND	25.0	"	"	"	"	"	"	
m,p-Xylene	ND	25.0	"	"	"	"	"	"	
o-Xylene	ND	25.0	"	"	"	"	"	"	
Styrene	ND	25.0	"	"	"	"	"	"	
Bromoform	ND	25.0	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	25.0	"	"	"	"	"	"	
Isopropylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Bromobenzene	ND	25.0	"	"	"	"	"	"	
n-Propylbenzene	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	25.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*70-139*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82.6 %*	*52-149*		"	"	"	"	
Surrogate: Toluene-d8		*82.8 %*	*76-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*75.6 %*	*66-145*		"	"	"	"	

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Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2D 3-4' (6G21001-04) Soil									
Dichlorodifluoromethane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Chloromethane	ND	25.0	"	"	"	"	"	"	
Vinyl chloride	ND	25.0	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
Chloroethane	ND	25.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Acetone	ND	125	"	"	"	"	"	"	
Iodomethane	ND	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	25.0	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25.0	"	"	"	"	"	"	
Acrylonitrile	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Vinyl acetate	ND	25.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	25.0	"	"	"	"	"	"	
Bromochloromethane	ND	25.0	"	"	"	"	"	"	
Chloroform	ND	25.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	25.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25.0	"	"	"	"	"	"	
Benzene	ND	25.0	"	"	"	"	"	"	
Trichloroethene	ND	25.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25.0	"	"	"	"	"	"	
Dibromomethane	ND	25.0	"	"	"	"	"	"	
Bromodichloromethane	ND	25.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	25.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	25.0	"	"	"	"	"	"	
Toluene	ND	25.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25.0	"	"	"	"	"	"	
2-Hexanone	ND	25.0	"	"	"	"	"	"	
Tetrachloroethene	ND	25.0	"	"	"	"	"	"	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2D 3-4' (6G21001-04) Soil									
1,3-Dichloropropane	ND	25.0	ug/kg dry	25	EH60112	07/31/06	07/31/06	EPA 8260B	
Dibromochloromethane	ND	25.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25.0	"	"	"	"	"	"	
Chlorobenzene	ND	25.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Ethylbenzene	ND	25.0	"	"	"	"	"	"	
m,p-Xylene	ND	25.0	"	"	"	"	"	"	
o-Xylene	ND	25.0	"	"	"	"	"	"	
Styrene	ND	25.0	"	"	"	"	"	"	
Bromoform	ND	25.0	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	25.0	"	"	"	"	"	"	
Isopropylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	25.0	"	"	"	"	"	"	
Bromobenzene	ND	25.0	"	"	"	"	"	"	
n-Propylbenzene	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	25.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	25.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	25.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	25.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*70-139*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*80.0 %*	*52-149*		"	"	"	"	
Surrogate: Toluene-d8		*81.2 %*	*76-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*73.2 %*	*66-145*		"	"	"	"	

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Fax: (432) 687-0456

PAH compounds by Semivolatile GCMS
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A 3-4' (6G21001-01) Soil									
Naphthalene	ND	200	ug/kg dry	40	EH60816	07/28/06	08/04/06	8270C	
Acenaphthylene	ND	200	"	"	"	"	"	"	
Acenaphthene	ND	200	"	"	"	"	"	"	
Fluorene	ND	200	"	"	"	"	"	"	
Phenanthrene	ND	200	"	"	"	"	"	"	
Anthracene	ND	200	"	"	"	"	"	"	
Fluoranthene	ND	200	"	"	"	"	"	"	
Pyrene	ND	200	"	"	"	"	"	"	
Benzo (a) anthracene	ND	200	"	"	"	"	"	"	
Chrysene	ND	200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (a) pyrene	ND	20.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	32.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*30.9 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*46.8 %*	*30-115*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*63.8 %*	*18-137*		"	"	"	"	
2B 3-4' (6G21001-02) Soil									
Naphthalene	ND	200	ug/kg dry	40	EH60816	07/28/06	08/04/06	8270C	
Acenaphthylene	ND	200	"	"	"	"	"	"	
Acenaphthene	ND	200	"	"	"	"	"	"	
Fluorene	ND	200	"	"	"	"	"	"	
Phenanthrene	ND	200	"	"	"	"	"	"	
Anthracene	ND	200	"	"	"	"	"	"	
Fluoranthene	ND	200	"	"	"	"	"	"	
Pyrene	ND	200	"	"	"	"	"	"	
Benzo (a) anthracene	ND	200	"	"	"	"	"	"	
Chrysene	ND	200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (a) pyrene	ND	20.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	32.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*42.1 %*	*23-120*		"	"	"	"	

PAH compounds by Semivolatile GCMS

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2B 3-4' (6G21001-02) Soil									
Surrogate: 2-Fluorobiphenyl		*64.8 %*	*30-115*		*EH60816*	*07/28/06*	*08/04/06*	*8270C*	
Surrogate: p-Terphenyl-d14		*83.9 %*	*18-137*		"	"	"	"	
2C 3-4' (6G21001-03) Soil									
Naphthalene	ND	200	ug/kg dry	40	EH60816	07/28/06	08/04/06	8270C	
Acenaphthylene	ND	200	"	"	"	"	"	"	
Acenaphthene	ND	200	"	"	"	"	"	"	
Fluorene	ND	200	"	"	"	"	"	"	
Phenanthrene	ND	200	"	"	"	"	"	"	
Anthracene	ND	200	"	"	"	"	"	"	
Fluoranthene	ND	200	"	"	"	"	"	"	
Pyrene	ND	200	"	"	"	"	"	"	
Benzo (a) anthracene	ND	200	"	"	"	"	"	"	
Chrysene	ND	200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (a) pyrene	ND	20.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	32.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*32.9 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*47.0 %*	*30-115*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*58.8 %*	*18-137*		"	"	"	"	
2D 3-4' (6G21001-04) Soil									
Naphthalene	ND	200	ug/kg dry	40	EH60816	07/28/06	08/04/06	8270C	
Acenaphthylene	ND	200	"	"	"	"	"	"	
Acenaphthene	ND	200	"	"	"	"	"	"	
Fluorene	ND	200	"	"	"	"	"	"	
Phenanthrene	ND	200	"	"	"	"	"	"	
Anthracene	ND	200	"	"	"	"	"	"	
Fluoranthene	ND	200	"	"	"	"	"	"	
Pyrene	ND	200	"	"	"	"	"	"	
Benzo (a) anthracene	ND	200	"	"	"	"	"	"	
Chrysene	ND	200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	200	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	200	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	200	"	"	"	"	"	"	

Larson & Associates, Inc.
P.O. Box 50685
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Fax: (432) 687-0456

PAH compounds by Semivolatile GCMS
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2D 3-4' (6G21001-04) Soil									
Benzo (a) pyrene	ND	20.0	ug/kg dry	40	EH60816	07/28/06	08/04/06	8270C	
Dibenzo (a,h) anthracene	ND	32.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*33.0 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*53.8 %*	*30-115*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*70.8 %*	*18-137*		"	"	"	"	

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 EG62812 - 9010B SW846										
Blank (EG62812-BLK1)				Prepared & Analyzed: 07/28/06						
Cyanide (total)	ND	0.0900	mg/kg							
LCS (EG62812-BS1)				Prepared & Analyzed: 07/28/06						
Cyanide (total)	0.160	0.0900	mg/kg	0.167		95.8	50-150			
Calibration Check (EG62812-CCV1)				Prepared & Analyzed: 07/28/06						
Cyanide (total)	0.0950		mg/L	0.100		95.0	80-120			
Matrix Spike (EG62812-MS1)		Source: 6G21001-01		Prepared & Analyzed: 07/28/06						
Cyanide (total)	0.0780	0.0100	mg/kg	0.0833	0.00	93.6	50-150			
Matrix Spike Dup (EG62812-MSD1)		Source: 6G21001-01		Prepared & Analyzed: 07/28/06						
Cyanide (total)	0.0800	0.0100	mg/kg	0.0833	0.00	96.0	50-150	2.53	20	
Batch EG63103 - General Preparation (WetChem)										
Blank (EG63103-BLK1)				Prepared: 07/28/06 Analyzed: 07/31/06						
Fluoride	ND	0.100	mg/kg							
LCS (EG63103-BS1)				Prepared: 07/28/06 Analyzed: 07/31/06						
Fluoride	1.97	0.100	mg/kg	2.00		98.5	80-120			
Calibration Check (EG63103-CCV1)				Prepared & Analyzed: 07/31/06						
Fluoride	2.01		mg/L	2.00		100	0-200			
Duplicate (EG63103-DUP1)		Source: 6G21001-01		Prepared & Analyzed: 07/31/06						
Fluoride	3.09	1.00	mg/kg		2.76			11.3	20	

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Fax: (432) 687-0456

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 EG63103 - General Preparation (WetChem)										
Matrix Spike (EG63103-MS1)	**Source: 6G21001-01**			Prepared: 07/28/06	Analyzed: 07/31/06					**S-07**
Fluoride	31.8	1.00	mg/kg	20.0	2.76	145	75-125			
Batch EG63104 - General Preparation (WetChem)										
Blank (EG63104-BLK1)				Prepared: 07/28/06	Analyzed: 07/31/06					
Chloride	ND	0.500	mg/kg							
Sulfate	ND	0.500	"							
LCS (EG63104-BS1)				Prepared: 07/28/06	Analyzed: 07/31/06					
Chloride	9.56	0.500	mg/kg	10.0		95.6	80-120			
Sulfate	10.4	0.500	"	10.0		104	80-120			
Calibration Check (EG63104-CCV1)				Prepared: 07/28/06	Analyzed: 07/31/06					
Chloride	10.1		mg/L	10.0		101	80-120			
Sulfate	10.1		"	10.0		101	80-120			
Duplicate (EG63104-DUP1)	**Source: 6G21001-01**			Prepared: 07/28/06	Analyzed: 07/31/06					
Chloride	344	5.00	mg/kg		320			7.23	20	
Sulfate	560	5.00	"		523			6.83	20	
Duplicate (EG63104-DUP2)	**Source: 6G28008-09**			Prepared: 07/28/06	Analyzed: 07/31/06					
Sulfate	177	25.0	mg/kg		172			2.87	20	
Chloride	1350	25.0	"		1320			2.25	20	
Matrix Spike (EG63104-MS1)	**Source: 6G21001-01**			Prepared: 07/28/06	Analyzed: 07/31/06					
Chloride	452	5.00	mg/kg	100	320	132	80-120			S-07
Sulfate	625	5.00	"	100	523	102	75-125			

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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 EG63104 - General Preparation (WetChem)										
Matrix Spike (EG63104-MS2)	**Source: 6G28008-09**			Prepared: 07/28/06	Analyzed: 07/31/06					
Sulfate	669	25.0	mg/kg	500	172	99.4	75-125			
Chloride	1890	25.0	"	500	1320	114	80-120			
Batch EG63118 - General Preparation (Prep)										
Blank (EG63118-BLK1)				Prepared: 07/28/06	Analyzed: 07/31/06					
% Moisture	ND	0.1	%							
Duplicate (EG63118-DUP1)	**Source: 6G21001-01**			Prepared: 07/28/06	Analyzed: 07/31/06					
% Solids	90.8		%		91.9			1.20	20	
Duplicate (EG63118-DUP2)	**Source: 6G28008-03**			Prepared: 07/28/06	Analyzed: 07/31/06					
% Solids	97.4		%		96.9			0.515	20	
Duplicate (EG63118-DUP3)	**Source: 6G28013-01**			Prepared: 07/28/06	Analyzed: 07/31/06					
% Solids	93.9		%		93.5			0.427	20	
Batch EH61015 - Water Extraction										
Blank (EH61015-BLK1)				Prepared & Analyzed: 08/10/06						
Nitrate as N	ND	0.0500	mg/kg							
LCS (EH61015-BS1)				Prepared & Analyzed: 08/10/06						
Nitrate as N	1.90	0.0500	mg/kg	2.00		95.0	80-120			
Calibration Check (EH61015-CCV1)				Prepared & Analyzed: 08/10/06						
Nitrate as N	2.04		mg/L	2.00		102	80-120			

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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 EH61015 - Water Extraction										
Duplicate (EH61015-DUP1)		**Source: 6G21001-01**		Prepared & Analyzed: 08/10/06						
Nitrate as N	1.04	0.0500	mg/kg		0.952			8.84	20	
Matrix Spike (EH61015-MS1)		**Source: 6G21001-01**		Prepared & Analyzed: 08/10/06						
Nitrate as N	3.96	0.0500	mg/kg	4.00	0.952	75.2	80-120			S-07
Batch EH61401 - General Preparation (Subcontract)										
Blank (EH61401-BLK1)				Prepared & Analyzed: 08/03/06						
Phenolics	ND	0.100	mg/kg							
LCS (EH61401-BS1)				Prepared & Analyzed: 08/03/06						
Phenolics	0.688		mg/kg	0.750		91.7	82-116			
Duplicate (EH61401-DUP1)		**Source: 6G21001-01RE1**		Prepared & Analyzed: 08/03/06						
Phenolics	ND	0.0500	mg/kg		0.150				49	
Matrix Spike (EH61401-MS1)		**Source: 6G21001-01RE1**		Prepared & Analyzed: 08/03/06						
Phenolics	0.767		mg/kg	0.750	0.150	82.3	80-120			
Matrix Spike Dup (EH61401-MSD1)		**Source: 6G21001-01RE1**		Prepared & Analyzed: 08/03/06						
Phenolics	0.780		mg/kg	0.750	0.150	84.0	80-120	1.68	49	

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Total Metals 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 EG63107 - EPA 7471A										
Blank (EG63107-BLK1)				Prepared: 07/28/06 Analyzed: 07/31/06						
Mercury	ND	0.0002500	mg/kg wet							
LCS (EG63107-BS1)				Prepared: 07/28/06 Analyzed: 07/31/06						
Mercury	0.000890	0.0002500	mg/kg wet	0.00100		89.0	85-115			
LCS Dup (EG63107-BSD1)				Prepared: 07/28/06 Analyzed: 07/31/06						
Mercury	0.000910	0.0002500	mg/kg wet	0.00100		91.0	85-115	2.22	20	
Calibration Check (EG63107-CCV1)				Prepared: 07/28/06 Analyzed: 07/31/06						
Mercury	0.00110		mg/kg	0.00100		110	90-110			
Matrix Spike (EG63107-MS1)		Source: 6G21001-01		Prepared: 07/28/06 Analyzed: 07/31/06						
Mercury	0.0609	0.01250	mg/kg dry	0.0544	0.01469	84.9	75-125			
Batch EH60109 - EPA 3050B										
Blank (EH60109-BLK1)				Prepared: 07/28/06 Analyzed: 08/01/06						
Iron	ND	0.00200	mg/kg dry wt. wet							
LCS (EH60109-BS1)				Prepared: 07/28/06 Analyzed: 08/01/06						
Iron	0.212	0.00200	mg/kg dry wt. wet	0.200		106	85-115			
LCS Dup (EH60109-BSD1)				Prepared: 07/28/06 Analyzed: 08/01/06						
Iron	0.210	0.00200	mg/kg dry wt. wet	0.200		105	85-115	0.948	20	
Calibration Check (EH60109-CCV1)				Prepared: 07/28/06 Analyzed: 08/01/06						
Iron	0.960		mg/kg	1.00		96.0	90-110			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Metals 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 EH60109 - EPA 3050B										
Matrix Spike (EH60109-MS1)	**Source: 6G21001-01**			Prepared: 07/28/06 Analyzed: 08/01/06						
Iron	994	1.00	mg/kg dry wt. dry	109	905	81.7	75-125			
Batch EH60201 - EPA 3050B										
Blank (EH60201-BLK1)				Prepared: 07/28/06 Analyzed: 08/02/06						
Copper	ND	0.00241	mg/kg wet							
Manganese	ND	0.000570	"							
Zinc	ND	0.00500	mg/kg dry wt. wet							
Chromium	ND	0.000975	mg/kg wet							
Arsenic	ND	0.00170	"							
Selenium	ND	0.00300	"							
Silver	ND	0.000405	"							
Cadmium	ND	0.000692	"							
Barium	ND	0.000489	"							
Lead	ND	0.000296	"							
LCS (EH60201-BS1)				Prepared: 07/28/06 Analyzed: 08/02/06						
Copper	0.194	0.00241	mg/kg wet	0.200		97.0	85-115			
Zinc	0.191	0.00500	mg/kg dry wt. wet	0.200		95.5	85-115			
Manganese	0.191	0.000570	mg/kg wet	0.200		95.5	85-115			
Chromium	0.191	0.000975	"	0.200		95.5	85-115			
Arsenic	0.751	0.00170	"	0.800		93.9	85-115			
Selenium	0.409	0.00300	"	0.400		102	85-115			
Silver	0.0979	0.000405	"	0.100		97.9	85-115			
Cadmium	0.189	0.000692	"	0.200		94.5	85-115			
Barium	0.187	0.000489	"	0.200		93.5	85-115			
Lead	1.04	0.000296	"	1.10		94.5	85-115			

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Total Metals 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 EH60201 - EPA 3050B										
LCS Dup (EH60201-BSD1)				Prepared: 07/28/06 Analyzed: 08/02/06						
Zinc	0.197	0.00500	mg/kg dry wt. wet	0.200		98.5	85-115	3.09	20	
Copper	0.199	0.00241	mg/kg wet	0.200		99.5	85-115	2.54	20	
Manganese	0.192	0.000570	"	0.200		96.0	85-115	0.522	20	
Chromium	0.191	0.000975	"	0.200		95.5	85-115	0.00	20	
Arsenic	0.711	0.00170	"	0.800		88.9	85-115	5.47	20	
Selenium	0.391	0.00300	"	0.400		97.8	85-115	4.50	20	
Silver	0.0960	0.000405	"	0.100		96.0	85-115	1.96	20	
Cadmium	0.189	0.000692	"	0.200		94.5	85-115	0.00	20	
Barium	0.191	0.000489	"	0.200		95.5	85-115	2.12	20	
Lead	1.05	0.000296	"	1.10		95.5	85-115	0.957	20	
Calibration Check (EH60201-CCV1)				Prepared: 07/28/06 Analyzed: 08/02/06						
Manganese	0.0503		mg/kg	0.0500		101	90-110			
Zinc	0.0514		"	0.0500		103	90-110			
Copper	0.0518		"	0.0500		104	90-110			
Chromium	0.0503		"	0.0500		101	90-110			
Arsenic	0.0509		"	0.0500		102	90-110			
Selenium	0.0517		"	0.0500		103	90-110			
Silver	0.0509		"	0.0500		102	90-110			
Cadmium	0.0512		"	0.0500		102	90-110			
Barium	0.0514		"	0.0500		103	90-110			
Lead	0.0501		"	0.0500		100	90-110			
Matrix Spike (EH60201-MS1)	**Source: 6G21001-01**			Prepared: 07/28/06 Analyzed: 08/02/06						
Copper	18.6	6.02	mg/kg dry	10.9	8.12	96.1	75-125			
Zinc	46.0	12.5	mg/kg dry wt. dry	10.9	28.1	164	70-130			MS-3
Manganese	23.5	1.42	mg/kg dry	10.9	13.8	89.0	75-125			
Chromium	9.93	2.44	"	10.9	ND	91.1	75-125			
Arsenic	41.0	4.26	"	43.5	20.5	47.1	75-125			M1
Selenium	20.8	7.51	"	21.8	4.85	73.2	75-125			MS-3
Silver	ND	1.01	"	5.44	0.253	NR	75-125			M1
Cadmium	8.83	1.73	"	10.9	ND	81.0	75-125			
Barium	607	1.22	"	10.9	567	367	75-125			MS-4
Lead	51.1	0.740	"	59.8	1.22	83.4	75-125			

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Total Metals 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 EH60201 - EPA 3050B										
Matrix Spike Dup (EH60201-MSD1)	**Source: 6G21001-01**			Prepared: 07/28/06	Analyzed: 08/02/06					
Zinc	26.4	12.5	mg/kg dry wt. dry	10.9	28.1	NR	70-130	54.1	20	MS-3
Manganese	21.0	1.42	mg/kg dry	10.9	13.8	66.1	75-125	11.2	20	MS-4
Copper	15.2	6.02	"	10.9	8.12	65.0	75-125	20.1	20	MS-4
Chromium	9.69	2.44	"	10.9	ND	88.9	75-125	2.45	20	
Arsenic	41.1	4.26	"	43.5	20.5	47.4	75-125	0.244	20	M1
Selenium	20.7	7.51	"	21.8	4.85	72.7	75-125	0.482	20	MS-3
Silver	ND	1.01	"	5.44	0.253	NR	75-125		20	M1
Cadmium	8.64	1.73	"	10.9	ND	79.3	75-125	2.18	20	
Barium	607	1.22	"	10.9	567	367	75-125	0.00	20	MS-4
Lead	51.0	0.740	"	59.8	1.22	83.2	75-125	0.196	20	
Post Spike (EH60201-PS1)	**Source: 6G21001-01**			Prepared: 07/28/06	Analyzed: 08/02/06					
Manganese	2570	7.12	mg/kg dry	2720	13.8	94.0	85-115			
Copper	2790	30.1	"	2720	8.12	102	75-125			
Zinc	2950	62.5	mg/kg dry wt. dry	2720	28.1	107	85-115			
Selenium	4880	37.6	mg/kg dry	5440	4.85	89.6	85-115			
Barium	3340	6.11	"	2720	567	102	85-115			

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60112 - EPA 5030C (GCMS)										
Blank (EH60112-BLK1)			Prepared & Analyzed: 07/31/06							
Dichlorodifluoromethane	ND	25.0	ug/kg wet							
Chloromethane	ND	25.0	"							
Vinyl chloride	ND	25.0	"							
Bromomethane	ND	25.0	"							
Chloroethane	ND	25.0	"							
Trichlorofluoromethane	ND	25.0	"							
1,1-Dichloroethene	ND	25.0	"							
Acetone	ND	125	"							
Iodomethane	ND	25.0	"							
Carbon disulfide	ND	25.0	"							
Methylene chloride	ND	25.0	"							
trans-1,2-Dichloroethene	ND	25.0	"							
Methyl tert-butyl ether	ND	25.0	"							
Acrylonitrile	ND	25.0	"							
1,1-Dichloroethane	ND	25.0	"							
Vinyl acetate	ND	25.0	"							
cis-1,2-Dichloroethene	ND	25.0	"							
2-Butanone	ND	25.0	"							
Bromochloromethane	ND	25.0	"							
Chloroform	ND	25.0	"							
1,1,1-Trichloroethane	ND	25.0	"							
2,2-Dichloropropane	ND	25.0	"							
Carbon tetrachloride	ND	25.0	"							
1,1-Dichloropropene	ND	25.0	"							
1,2-Dichloroethane	ND	25.0	"							
Benzene	ND	25.0	"							
Trichloroethene	ND	25.0	"							
1,2-Dichloropropane	ND	25.0	"							
Dibromomethane	ND	25.0	"							
Bromodichloromethane	ND	25.0	"							
2-Chloroethylvinyl ether	ND	25.0	"							
cis-1,3-Dichloropropene	ND	25.0	"							
4-Methyl-2-pentanone	ND	25.0	"							
Toluene	ND	25.0	"							
trans-1,3-Dichloropropene	ND	25.0	"							
1,1,2-Trichloroethane	ND	25.0	"							
2-Hexanone	ND	25.0	"							
Tetrachloroethene	ND	25.0	"							
1,3-Dichloropropane	ND	25.0	"							
Dibromochloromethane	ND	25.0	"							
1,2-Dibromoethane (EDB)	ND	25.0	"							
Chlorobenzene	ND	25.0	"							

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60112 - EPA 5030C (GCMS)										
Blank (EH60112-BLK1)			Prepared & Analyzed: 07/31/06							
1,1,1,2-Tetrachloroethane	ND	25.0	ug/kg wet							
Ethylbenzene	ND	25.0	"							
m,p-Xylene	ND	25.0	"							
o-Xylene	ND	25.0	"							
Styrene	ND	25.0	"							
Bromoform	ND	25.0	"							
trans-1,4-Dichloro-2-butene	ND	25.0	"							
Isopropylbenzene	ND	25.0	"							
1,2,3-Trichloropropane	ND	25.0	"							
1,1,2,2-Tetrachloroethane	ND	25.0	"							
Bromobenzene	ND	25.0	"							
n-Propylbenzene	ND	25.0	"							
2-Chlorotoluene	ND	25.0	"							
1,3,5-Trimethylbenzene	ND	25.0	"							
4-Chlorotoluene	ND	25.0	"							
tert-Butylbenzene	ND	25.0	"							
1,2,4-Trimethylbenzene	ND	25.0	"							
sec-Butylbenzene	ND	25.0	"							
1,3-Dichlorobenzene	ND	25.0	"							
p-Isopropyltoluene	ND	25.0	"							
1,4-Dichlorobenzene	ND	25.0	"							
n-Butylbenzene	ND	25.0	"							
1,2-Dichlorobenzene	ND	25.0	"							
1,2-Dibromo-3-chloropropane	ND	25.0	"							
1,2,4-Trichlorobenzene	ND	25.0	"							
Hexachlorobutadiene	ND	25.0	"							
Naphthalene	ND	25.0	"							
1,2,3-Trichlorobenzene	ND	25.0	"							
Surrogate: Dibromofluoromethane	*48.8*		*ug/kg*	*50.0*		*97.6*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*39.5*		*"*	*50.0*		*79.0*	*52-149*			
Surrogate: Toluene-d8	*41.0*		*"*	*50.0*		*82.0*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*37.2*		*"*	*50.0*		*74.4*	*66-145*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60112 - EPA 5030C (GCMS)										
LCS (EH60112-BS1)				Prepared & Analyzed: 07/31/06						
1,1-Dichloroethene	517	25.0	ug/kg wet	625		82.7	60-140			
Methylene chloride	452	25.0	"	625		72.3	60-140			
trans-1,2-Dichloroethene	533	25.0	"	625		85.3	60-140			
1,1-Dichloroethane	504	25.0	"	625		80.6	60-140			
cis-1,2-Dichloroethene	554	25.0	"	625		88.6	60-140			
Bromochloromethane	514	25.0	"	625		82.2	60-140			
Chloroform	595	25.0	"	625		95.2	60-140			
1,1,1-Trichloroethane	659	25.0	"	625		105	60-140			
Carbon tetrachloride	593	25.0	"	625		94.9	60-140			
1,1-Dichloropropene	512	25.0	"	625		81.9	60-140			
1,2-Dichloroethane	553	25.0	"	625		88.5	60-140			
Benzene	452	25.0	"	625		72.3	60-140			
Trichloroethene	543	25.0	"	625		86.9	60-140			
1,2-Dichloropropane	423	25.0	"	625		67.7	60-140			
Dibromomethane	487	25.0	"	625		77.9	60-140			
Bromodichloromethane	506	25.0	"	625		81.0	60-140			
cis-1,3-Dichloropropene	511	25.0	"	625		81.8	60-140			
Toluene	540	25.0	"	625		86.4	60-140			
trans-1,3-Dichloropropene	735	25.0	"	625		118	60-140			
1,1,2-Trichloroethane	517	25.0	"	625		82.7	60-140			
Tetrachloroethene	464	25.0	"	625		74.2	60-140			
1,3-Dichloropropane	503	25.0	"	625		80.5	60-140			
Dibromochloromethane	641	25.0	"	625		103	60-140			
1,2-Dibromoethane (EDB)	642	25.0	"	625		103	60-140			
Chlorobenzene	693	25.0	"	625		111	60-140			
1,1,1,2-Tetrachloroethane	713	25.0	"	625		114	60-140			
Ethylbenzene	654	25.0	"	625		105	60-140			
m,p-Xylene	1220	25.0	"	1250		97.6	60-140			
o-Xylene	642	25.0	"	625		103	60-140			
Styrene	565	25.0	"	625		90.4	60-140			
Bromoform	548	25.0	"	625		87.7	60-140			
Isopropylbenzene	731	25.0	"	625		117	60-140			
1,1,2,2-Tetrachloroethane	440	25.0	"	625		70.4	60-140			
Bromobenzene	501	25.0	"	625		80.2	60-140			
n-Propylbenzene	598	25.0	"	625		95.7	60-140			
2-Chlorotoluene	597	25.0	"	625		95.5	60-140			
1,3,5-Trimethylbenzene	643	25.0	"	625		103	60-140			
4-Chlorotoluene	578	25.0	"	625		92.5	60-140			
tert-Butylbenzene	733	25.0	"	625		117	60-140			
1,2,4-Trimethylbenzene	632	25.0	"	625		101	60-140			
sec-Butylbenzene	620	25.0	"	625		99.2	60-140			
1,3-Dichlorobenzene	672	25.0	"	625		108	60-140			

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60112 - EPA 5030C (GCMS)										
LCS (EH60112-BS1)				Prepared & Analyzed: 07/31/06						
p-Isopropyltoluene	746	25.0	ug/kg wet	625		119	60-140			
1,4-Dichlorobenzene	648	25.0	"	625		104	60-140			
n-Butylbenzene	663	25.0	"	625		106	60-140			
1,2-Dichlorobenzene	648	25.0	"	625		104	60-140			
1,2-Dibromo-3-chloropropane	499	25.0	"	625		79.8	60-140			
1,2,4-Trichlorobenzene	661	25.0	"	625		106	60-140			
Hexachlorobutadiene	806	25.0	"	625		129	60-140			
Naphthalene	553	25.0	"	625		88.5	60-140			
1,2,3-Trichlorobenzene	623	25.0	"	625		99.7	60-140			
Surrogate: Dibromofluoromethane	*46.9*		*ug/kg*	*50.0*		*93.8*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*40.2*		*"*	*50.0*		*80.4*	*52-149*			
Surrogate: Toluene-d8	*40.5*		*"*	*50.0*		*81.0*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*38.6*		*"*	*50.0*		*77.2*	*66-145*			
Calibration Check (EH60112-CCV1)				Prepared & Analyzed: 07/31/06						
Vinyl chloride	40.6		ug/kg	50.0		81.2	70-130			
1,1-Dichloroethene	50.9		"	50.0		102	70-130			
Chloroform	44.6		"	50.0		89.2	70-130			
Toluene	38.7		"	50.0		77.4	70-130			
Ethylbenzene	42.1		"	50.0		84.2	70-130			
Surrogate: Dibromofluoromethane	*45.9*		*"*	*50.0*		*91.8*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*40.1*		*"*	*50.0*		*80.2*	*52-149*			
Surrogate: Toluene-d8	*41.3*		*"*	*50.0*		*82.6*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*38.2*		*"*	*50.0*		*76.4*	*66-145*			
Matrix Spike (EH60112-MS1)	**Source: 6G21001-02**			Prepared: 07/31/06		Analyzed: 08/02/06				
1,1-Dichloroethene	622	25.0	ug/kg dry	675	ND	92.1	61-145			
Methylene chloride	619	25.0	"	675	ND	91.7	60-140			
trans-1,2-Dichloroethene	644	25.0	"	675	ND	95.4	60-140			
1,1-Dichloroethane	643	25.0	"	675	ND	95.3	60-140			
cis-1,2-Dichloroethene	705	25.0	"	675	ND	104	60-140			
Bromochloromethane	677	25.0	"	675	ND	100	60-140			
Chloroform	733	25.0	"	675	ND	109	60-140			
1,1,1-Trichloroethane	719	25.0	"	675	ND	107	60-140			
Carbon tetrachloride	587	25.0	"	675	ND	87.0	60-140			
1,1-Dichloropropene	524	25.0	"	675	ND	77.6	60-140			
1,2-Dichloroethane	663	25.0	"	675	ND	98.2	60-140			
Benzene	552	25.0	"	675	ND	81.8	76-127			
Trichloroethene	618	25.0	"	675	ND	91.6	71-120			
1,2-Dichloropropane	525	25.0	"	675	ND	77.8	60-140			
Dibromomethane	629	25.0	"	675	ND	93.2	60-140			
Bromodichloromethane	600	25.0	"	675	ND	88.9	60-140			
cis-1,3-Dichloropropene	623	25.0	"	675	ND	92.3	60-140			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60112 - EPA 5030C (GCMS)										
Matrix Spike (EH60112-MS1)	**Source: 6G21001-02**			Prepared: 07/31/06	Analyzed: 08/02/06					
Toluene	623	25.0	ug/kg dry	675	ND	92.3	76-125			
trans-1,3-Dichloropropene	879	25.0	"	675	ND	130	60-140			
1,1,2-Trichloroethane	652	25.0	"	675	ND	96.6	60-140			
Tetrachloroethene	446	25.0	"	675	ND	66.1	60-140			
1,3-Dichloropropane	610	25.0	"	675	ND	90.4	60-140			
Dibromochloromethane	706	25.0	"	675	ND	105	60-140			
1,2-Dibromoethane (EDB)	740	25.0	"	675	ND	110	60-140			
Chlorobenzene	735	25.0	"	675	ND	109	75-130			
1,1,1,2-Tetrachloroethane	769	25.0	"	675	ND	114	60-140			
Ethylbenzene	677	25.0	"	675	ND	100	60-140			
m,p-Xylene	1250	25.0	"	1350	ND	92.6	60-140			
o-Xylene	680	25.0	"	675	ND	101	60-140			
Styrene	595	25.0	"	675	ND	88.1	60-140			
Bromoform	627	25.0	"	675	ND	92.9	60-140			
Isopropylbenzene	763	25.0	"	675	ND	113	60-140			
1,1,2,2-Tetrachloroethane	553	25.0	"	675	ND	81.9	60-140			
Bromobenzene	601	25.0	"	675	ND	89.0	60-140			
n-Propylbenzene	611	25.0	"	675	ND	90.5	60-140			
2-Chlorotoluene	622	25.0	"	675	ND	92.1	60-140			
1,3,5-Trimethylbenzene	668	25.0	"	675	ND	99.0	60-140			
4-Chlorotoluene	638	25.0	"	675	ND	94.5	60-140			
tert-Butylbenzene	742	25.0	"	675	ND	110	60-140			
1,2,4-Trimethylbenzene	650	25.0	"	675	ND	96.3	60-140			
sec-Butylbenzene	628	25.0	"	675	ND	93.0	60-140			
1,3-Dichlorobenzene	705	25.0	"	675	ND	104	60-140			
p-Isopropyltoluene	721	25.0	"	675	ND	107	60-140			
1,4-Dichlorobenzene	676	25.0	"	675	ND	100	60-140			
n-Butylbenzene	635	25.0	"	675	ND	94.1	60-140			
1,2-Dichlorobenzene	711	25.0	"	675	ND	105	60-140			
1,2-Dibromo-3-chloropropane	572	25.0	"	675	ND	84.7	60-140			
1,2,4-Trichlorobenzene	722	25.0	"	675	ND	107	60-140			
Hexachlorobutadiene	765	25.0	"	675	ND	113	60-140			
Naphthalene	610	25.0	"	675	ND	90.4	60-140			
1,2,3-Trichlorobenzene	720	25.0	"	675	ND	107	60-140			
Surrogate: Dibromofluoromethane	*54.0*		*ug/kg*	*50.0*		*108*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*44.6*		*"*	*50.0*		*89.2*	*52-149*			
Surrogate: Toluene-d8	*43.1*		*"*	*50.0*		*86.2*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*41.1*		*"*	*50.0*		*82.2*	*66-145*			

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60112 - EPA 5030C (GCMS)										
Matrix Spike Dup (EH60112-MSD1)	**Source: 6G21001-02**			Prepared: 07/31/06	Analyzed: 08/02/06					
1,1-Dichloroethene	581	25.0	ug/kg dry	675	ND	86.1	61-145	6.82	14	
Methylene chloride	548	25.0	"	675	ND	81.2	60-140	12.2	20	
trans-1,2-Dichloroethene	600	25.0	"	675	ND	88.9	60-140	7.07	20	
1,1-Dichloroethane	594	25.0	"	675	ND	88.0	60-140	7.92	20	
cis-1,2-Dichloroethene	649	25.0	"	675	ND	96.1	60-140	8.27	20	
Bromochloromethane	621	25.0	"	675	ND	92.0	60-140	8.63	20	
Chloroform	679	25.0	"	675	ND	101	60-140	7.65	20	
1,1,1-Trichloroethane	706	25.0	"	675	ND	105	60-140	1.82	20	
Carbon tetrachloride	593	25.0	"	675	ND	87.9	60-140	1.02	20	
1,1-Dichloropropene	536	25.0	"	675	ND	79.4	60-140	2.26	20	
1,2-Dichloroethane	623	25.0	"	675	ND	92.3	60-140	6.22	20	
Benzene	528	25.0	"	675	ND	78.2	76-127	4.44	11	
Trichloroethene	592	25.0	"	675	ND	87.7	71-120	4.30	14	
1,2-Dichloropropane	496	25.0	"	675	ND	73.5	60-140	5.68	20	
Dibromomethane	584	25.0	"	675	ND	86.5	60-140	7.42	20	
Bromodichloromethane	573	25.0	"	675	ND	84.9	60-140	4.60	20	
cis-1,3-Dichloropropene	589	25.0	"	675	ND	87.3	60-140	5.61	20	
Toluene	602	25.0	"	675	ND	89.2	76-125	3.43	13	
trans-1,3-Dichloropropene	837	25.0	"	675	ND	124	60-140	4.90	20	
1,1,2-Trichloroethane	614	25.0	"	675	ND	91.0	60-140	6.00	20	
Tetrachloroethene	449	25.0	"	675	ND	66.5	60-140	0.670	20	
1,3-Dichloropropane	572	25.0	"	675	ND	84.7	60-140	6.43	20	
Dibromochloromethane	684	25.0	"	675	ND	101	60-140	3.17	20	
1,2-Dibromoethane (EDB)	717	25.0	"	675	ND	106	60-140	3.16	20	
Chlorobenzene	716	25.0	"	675	ND	106	75-130	2.62	13	
1,1,1,2-Tetrachloroethane	737	25.0	"	675	ND	109	60-140	4.25	20	
Ethylbenzene	671	25.0	"	675	ND	99.4	60-140	0.890	20	
m,p-Xylene	1230	25.0	"	1350	ND	91.1	60-140	1.61	20	
o-Xylene	668	25.0	"	675	ND	99.0	60-140	1.78	20	
Styrene	587	25.0	"	675	ND	87.0	60-140	1.35	20	
Bromoform	602	25.0	"	675	ND	89.2	60-140	4.07	20	
Isopropylbenzene	760	25.0	"	675	ND	113	60-140	0.394	20	
1,1,2,2-Tetrachloroethane	524	25.0	"	675	ND	77.6	60-140	5.39	20	
Bromobenzene	569	25.0	"	675	ND	84.3	60-140	5.47	20	
n-Propylbenzene	602	25.0	"	675	ND	89.2	60-140	1.48	20	
2-Chlorotoluene	608	25.0	"	675	ND	90.1	60-140	2.28	20	
1,3,5-Trimethylbenzene	650	25.0	"	675	ND	96.3	60-140	2.73	20	
4-Chlorotoluene	616	25.0	"	675	ND	91.3	60-140	3.51	20	
tert-Butylbenzene	720	25.0	"	675	ND	107	60-140	3.01	20	
1,2,4-Trimethylbenzene	639	25.0	"	675	ND	94.7	60-140	1.71	20	
sec-Butylbenzene	601	25.0	"	675	ND	89.0	60-140	4.39	20	
1,3-Dichlorobenzene	688	25.0	"	675	ND	102	60-140	2.44	20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60112 - EPA 5030C (GCMS)										
Matrix Spike Dup (EH60112-MSD1)	**Source: 6G21001-02**			Prepared: 07/31/06	Analyzed: 08/02/06					
p-Isopropyltoluene	690	25.0	ug/kg dry	675	ND	102	60-140	4.39	20	
1,4-Dichlorobenzene	645	25.0	"	675	ND	95.6	60-140	4.69	20	
n-Butylbenzene	592	25.0	"	675	ND	87.7	60-140	7.01	20	
1,2-Dichlorobenzene	680	25.0	"	675	ND	101	60-140	4.46	20	
1,2-Dibromo-3-chloropropane	552	25.0	"	675	ND	81.8	60-140	3.56	20	
1,2,4-Trichlorobenzene	650	25.0	"	675	ND	96.3	60-140	10.5	20	
Hexachlorobutadiene	561	25.0	"	675	ND	83.1	60-140	30.8	20	S-08
Naphthalene	642	25.0	"	675	ND	95.1	60-140	5.11	20	
1,2,3-Trichlorobenzene	654	25.0	"	675	ND	96.9	60-140	9.61	20	
Surrogate: Dibromofluoromethane	*51.2*		*ug/kg*	*50.0*		*102*	*70-139*			
Surrogate: 1,2-Dichloroethane-d4	*42.2*		*"*	*50.0*		*84.4*	*52-149*			
Surrogate: Toluene-d8	*41.6*		*"*	*50.0*		*83.2*	*76-125*			
Surrogate: 4-Bromofluorobenzene	*40.4*		*"*	*50.0*		*80.8*	*66-145*			

PAH compounds by Semivolatile GCMS - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60816 - EPA 3550B										
Blank (EH60816-BLK1)				Prepared: 07/28/06 Analyzed: 08/04/06						
Naphthalene	ND	200	ug/kg wet							
Acenaphthylene	ND	200	"							
Acenaphthene	ND	200	"							
Fluorene	ND	200	"							
Phenanthrene	ND	200	"							
Anthracene	ND	200	"							
Fluoranthene	ND	200	"							
Pyrene	ND	200	"							
Benzo (a) anthracene	ND	200	"							
Chrysene	ND	200	"							
Indeno (1,2,3-cd) pyrene	ND	200	"							
Benzo (b) fluoranthene	ND	200	"							
Benzo (k) fluoranthene	ND	200	"							
Benzo (a) pyrene	ND	20.0	"							
Dibenzo (a,h) anthracene	ND	32.0	"							
Benzo (g,h,i) perylene	ND	200	"							
Surrogate: Nitrobenzene-d5	*32.2*		*ug/kg*	*80.0*		*40.2*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*47.1*		*"*	*80.0*		*58.9*	*30-115*			
Surrogate: p-Terphenyl-d14	*60.3*		*"*	*80.0*		*75.4*	*18-137*			
LCS (EH60816-BS1)				Prepared: 07/28/06 Analyzed: 08/05/06						
Naphthalene	1530	200	ug/kg wet	4000		38.2	21-133			
Acenaphthylene	1670	200	"	4000		41.8	33-145			
Acenaphthene	1740	200	"	4000		43.5	47-145			S-07
Fluorene	1820	200	"	4000		45.5	59-121			S-07
Phenanthrene	2070	200	"	4000		51.8	54-120			S-07
Anthracene	1890	200	"	4000		47.2	27-133			
Fluoranthene	2010	200	"	4000		50.2	26-137			
Pyrene	1860	200	"	4000		46.5	52-115			S-07
Benzo (a) anthracene	1440	200	"	4000		36.0	33-143			
Chrysene	1870	200	"	4000		46.8	17-168			
Indeno (1,2,3-cd) pyrene	631	200	"	4000		15.8	5-171			
Benzo (b) fluoranthene	1840	200	"	4000		46.0	24-159			
Benzo (k) fluoranthene	2150	200	"	4000		53.8	11-162			
Benzo (a) pyrene	1680	20.0	"	4000		42.0	17-163			
Dibenzo (a,h) anthracene	1070	32.0	"	4000		26.8	5-227			
Benzo (g,h,i) perylene	980	200	"	4000		24.5	5-219			
Surrogate: Nitrobenzene-d5	*37.3*		*ug/kg*	*80.0*		*46.6*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*48.0*		*"*	*80.0*		*60.0*	*30-115*			
Surrogate: p-Terphenyl-d14	*54.1*		*"*	*80.0*		*67.6*	*18-137*			

PAH compounds by Semivolatile GCMS - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60816 - EPA 3550B										
Calibration Check (EH60816-CCV1)				Prepared: 07/28/06 Analyzed: 08/04/06						
Acenaphthene	45.1		ug/kg	50.0		90.2	70-130			
Fluoranthene	50.0		"	50.0		100	70-130			
Benzo (a) pyrene	46.1		"	50.0		92.2	70-130			
Surrogate: Nitrobenzene-d5	*66.9*		"	*80.0*		*83.6*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*80.2*		"	*80.0*		*100*	*30-115*			
Surrogate: p-Terphenyl-d14	*81.8*		"	*80.0*		*102*	*18-137*			
Matrix Spike (EH60816-MS1)		**Source: 6G21001-01**		Prepared: 07/28/06 Analyzed: 08/05/06						
Naphthalene	2250	200	ug/kg dry	4350	ND	51.7	21-133			
Acenaphthylene	2530	200	"	4350	ND	58.2	33-145			
Acenaphthene	2650	200	"	4350	ND	60.9	47-145			
Fluorene	2730	200	"	4350	ND	62.8	59-121			
Phenanthrene	3100	200	"	4350	ND	71.3	54-120			
Anthracene	2870	200	"	4350	ND	66.0	27-133			
Fluoranthene	2990	200	"	4350	ND	68.7	26-137			
Pyrene	2840	200	"	4350	ND	65.3	52-115			
Benzo (a) anthracene	2240	200	"	4350	ND	51.5	33-143			
Chrysene	2830	200	"	4350	ND	65.1	17-168			
Indeno (1,2,3-cd) pyrene	1050	200	"	4350	ND	24.1	5-171			
Benzo (b) fluoranthene	3190	200	"	4350	ND	73.3	24-159			
Benzo (k) fluoranthene	3130	200	"	4350	ND	72.0	11-162			
Benzo (a) pyrene	2600	20.0	"	4350	ND	59.8	17-163			
Dibenzo (a,h) anthracene	1710	32.0	"	4350	ND	39.3	5-227			
Benzo (g,h,i) perylene	1550	200	"	4350	ND	35.6	5-219			
Surrogate: Nitrobenzene-d5	*43.4*		*ug/kg*	*80.0*		*54.2*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*58.3*		"	*80.0*		*72.9*	*30-115*			
Surrogate: p-Terphenyl-d14	*64.8*		"	*80.0*		*81.0*	*18-137*			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

PAH compounds by Semivolatile GCMS - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH60816 - EPA 3550B										
Matrix Spike Dup (EH60816-MSD1)	**Source: 6G21001-01**			Prepared: 07/28/06	Analyzed: 08/05/06					
Naphthalene	1870	200	ug/kg dry	4350	ND	43.0	21-133	18.4	30.1	
Acenaphthylene	2040	200	"	4350	ND	46.9	33-145	21.4	40.2	
Acenaphthene	2110	200	"	4350	ND	48.5	47-145	22.7	27.6	
Fluorene	2190	200	"	4350	ND	50.3	59-121	22.0	20.7	S-07, S-08
Phenanthrene	2480	200	"	4350	ND	57.0	54-120	22.2	20.6	S-08
Anthracene	2240	200	"	4350	ND	51.5	27-133	24.7	32	
Fluoranthene	2380	200	"	4350	ND	54.7	26-137	22.7	32.8	
Pyrene	2290	200	"	4350	ND	52.6	52-115	21.4	25.5	
Benzo (a) anthracene	1670	200	"	4350	ND	38.4	33-143	29.2	27.6	S-08
Chrysene	2330	200	"	4350	ND	53.6	17-168	19.4	48.3	
Indeno (1,2,3-cd) pyrene	763	200	"	4350	ND	17.5	5-171	31.7	44.6	
Benzo (b) fluoranthene	2360	200	"	4350	ND	54.3	24-159	29.9	38.8	
Benzo (k) fluoranthene	2860	200	"	4350	ND	65.7	11-162	9.02	32.3	
Benzo (a) pyrene	2040	20.0	"	4350	ND	46.9	17-163	24.1	39	
Dibenzo (a,h) anthracene	1290	32.0	"	4350	ND	29.7	5-227	28.0	70	
Benzo (g,h,i) perylene	1200	200	"	4350	ND	27.6	5-219	25.5	58.9	
Surrogate: Nitrobenzene-d5	*36.0*		*ug/kg*	*80.0*		*45.0*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*48.6*		*"*	*80.0*		*60.8*	*30-115*			
Surrogate: p-Terphenyl-d14	*53.2*		*"*	*80.0*		*66.5*	*18-137*			

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Project: Targa/ Eunice GP Landfarm
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Notes and Definitions

S-08	Value outside Laboratory historical or method prescribed QC limits.
S-07	Recovery outside Laboratory historical or method prescribed limits.
O-04	This sample was analyzed outside the EPA recommended holding time.
MS-4	Matrix spike and/or matrix spike duplicate outside 75-125% acceptance limits. Serial dilution (x5) within10% RPD limits. Post spike on serial dilution sample within 75-125% recovery limits indicating matrix interference.
MS-3	Matrix spike and/or matrix spike duplicate outside 75-125% limits. Serial dilution (x5) outside 10% RPD limits. Post spike for the serial dilution sample was within 75-125% recovery, therefore data accepted based on method requirements.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
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
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 8-14-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson's Associates

Date/Time: 07-21-06 @ 0810

Order #: 6G21001

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4.0° C
Shipping container/cooler in good condition?	Yes	No	N/A
Custody Seals intact on shipping container/cooler?	Yes	No	Not present N/A
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	No labels - id written on lid
Container labels legible and intact?	Yes	No	No labels - id written on lid
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:

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc. Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Targa Resources
SITE MANAGER: MARK LARSON
PROJECT NO.: 6-0108
PROJECT NAME: Eunice GP Landfarm
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	See Attached list *	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/18	1314		X		2A 3-4'	2	X	6G21001-01	
	1235				2B		X	-02	
	1252				2C		X	-03	
	1337				2D		X	-04	

PARAMETERS/METHOD NUMBER

* Analyze as per attached list 07-27-06 @ 1700

SAMPLED BY: (Signature) DATE: 7/18/06 TIME: 1430
RELINQUISHED BY: (Signature) DATE: 7/20/06 TIME: 0810
RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: TIME:
RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELOT
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:

RECEIVED BY: (Signature)
DATE: 07-21-06 TIME: 0810

SAMPLE CONDITION WHEN RECEIVED:
4.0°C 4oz glass on ice id written on lid no seals

LA CONTACT PERSON:

SAMPLE TYPE:

Jeanne McMurrey

From: "Mark Larson" <mark@laenvironmental.com>
To: "Jeanne McMurrey" <jeanne@elabtexas.com>
Sent: Thursday, July 27, 2006 4:46 PM
Subject: RE: Targa samples

Jeanne: Please run the samples for the parameters shown on the list (same as the last 4 sample from the Targa Landfarm). Thanks,
Mark

-----Original Message-----
From: Jeanne McMurrey [mailto:jeanne@elabtexas.com]
Sent: Thursday, July 27, 2006 9:32 AM
To: Mark Larson
Subject: Re: Targa samples

Good Morning Mark,
I was just checking back with you about those Targa samples for Eunice GP LF. Let me know if you need anything analyzed.
Thanks,
Jeanne

Jeanne McMurrey
Environmental Lab of Texas I, Ltd.
12600 West I-20 East
Odessa, Texas 79765
432-563-1800

> ----- Original Message -----
> **From:** Mark Larson
> **To:** 'Jeanne McMurrey'
> **Sent:** Saturday, July 22, 2006 1:52 PM
> **Subject:** RE: Targa samples
>
> Jeanne: Those are the samples and should be able to get back to you as early as Tuesday afternoon.
> Mark
>
> > -----Original Message-----
> > **From:** Jeanne McMurrey [mailto:jeanne@elabtexas.com]
> > **Sent:** Friday, July 21, 2006 8:20 AM
> > **To:** Mark Larson
> > **Subject:** Re: Targa samples
> >
> > Good Morning Mark,
> > We received your Targa Eunice GP samples this morning. Are these the samples you were wanting to put a on hold? Please let me know.
> > Thanks,
> > Jeanne

Landfarm Soil Closure Standards

	Constituent	Concentration (mg/kg) (Except where noted)
(i)	Arsenic (As)	0.0146
(ii)	Barium (Ba)	106
(iii)	Cadmium (Cd)	1.37
(iv)	Chromium (Cr)	2.10
(v)	Cyanide (CN)	7.35
(vi)	Fluoride (F)	329
(vii)	Lead (Pb)	400
(viii)	Total Mercury (Hg)	334
(ix)	Nitrate (NO3 as N)	17.1
(x)	Selenium (Se)	0.953
(xi)	Silver (Ag)	1.57
~~**(xii)**~~	~~*Uranium (U)*~~	~~*16*~~
~~**(xiii)**~~	~~*Radioactivity: Combined Radium-226 and Radium-228*~~	~~*30 pCi/g*~~
~~**(xiv)**~~	~~*Polychlorinated biphenyls (PCBs)*~~	~~*0.0224*~~
(xv)	Toluene	0.347
(xvi)	Carbon Tetrachloride	0.000988
(xvii)	1,2-dichloroethane (EDC)	0.000248
(xviii)	1,1-dichloroethylene (1,1-DCE)	0.133
(xix)	1,1,2,2-tetrachloroethylene (PCE)	0.00215
(xx)	1,1,2-trichloroethylene (TCE)	0.000131
(xxi)	ethylbenzene	1.01
(xxii)	total xylenes	0.167
(xxiii)	methylene chloride	0.00853
(xxiv)	chloroform	0.000414
(xxv)	1,1-dichloroethane	0.201
(xxvi)	ethylene dibromide (EDB)	0.000013
(xxvii)	1,1,1-trichloroethane	1.34
(xxviii)	1,1,2-trichloroethane	0.000498
(xxix)	1,1,2,2-tetrachloroethane	0.000172
(xxx)	vinyl chloride	0.000143
(xxxi)	PAHs: total naphthalene plus monomethylnaphthalenes	0.0197
(xxxii)	benzo-a-pyrene	0.6210

(xxxiii)	Chloride (Cl)	1000
(xxxiv)	Copper (Cu)	51.5
(xxxv)	Iron (Fe)	277
(xxxvi)	Manganese (Mn)	334
(xxxvii)	Phenols	2.37
(xxxviii)	Sulfate (SO4)	background
(xxxix)	Zinc (Zn)	682

(7) Disposition of treated soils per 19.15.2.53G NMAC

(a) If the operator achieves the closure performance standards specified in Paragraph (6) above, then the operator may either leave the treated soil in place, or with prior division approval dispose or reuse the treated soil in an alternative manner.

(b) If the operator cannot achieve the closure performance standards specified in Paragraph (6) above within five years, at the end of the permit period, or as extended by the division, then the operator shall remove all contaminated soil from the landfarm cell and properly dispose of it at a division-approved landfill, or reuse or recycle it in a manner approved by the division. The operator may request approval of an alternative soil closure standard from the division and the division may grant the request administratively.

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Targa/ Eunice GP Landfarm

Project Number: 6-0108

Location: None Given

Lab Order Number: 6H21003

Report Date: 08/24/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
2A 3-4'	6H21003-01	Soil	07/18/06 13:14	07-21-2006 08:10
2B 3-4'	6H21003-02	Soil	07/18/06 12:35	07-21-2006 08:10
2C 3-4'	6H21003-03	Soil	07/18/06 12:52	07-21-2006 08:10
2D 3-4'	6H21003-04	Soil	07/18/06 13:37	07-21-2006 08:10

Larson & Associates, Inc.	Project: Targa/ Eunice GP Landfarm	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 6-0108	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A 3-4' (6H21003-01) Soil									**O-05**
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH62119	08/21/06	08/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*93.4 %*	*70-130*		"	"	"	"	
2B 3-4' (6H21003-02) Soil									**O-05**
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH62119	08/21/06	08/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*93.0 %*	*70-130*		"	"	"	"	
2C 3-4' (6H21003-03) Soil									**O-05**
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH62119	08/21/06	08/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*92.4 %*	*70-130*		"	"	"	"	
2D 3-4' (6H21003-04) Soil									**O-05**
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH62119	08/21/06	08/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*94.0 %*	*70-130*		"	"	"	"	

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Larson & Associates, Inc.	Project: Targa/ Eunice GP Landfarm	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 6-0108	
Midland TX, 79710	Project Manager: Mark Larson	

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A 3-4' (6H21003-01) Soil									
% Moisture	**8.1**	0.1	%	1	EH62202	07/28/06	08/22/06	% calculation	
2B 3-4' (6H21003-02) Soil									
% Moisture	**7.4**	0.1	%	1	EH62202	07/28/06	08/22/06	% calculation	
2C 3-4' (6H21003-03) Soil									
% Moisture	**6.1**	0.1	%	1	EH62202	07/28/06	08/22/06	% calculation	
2D 3-4' (6H21003-04) Soil									
% Moisture	**3.4**	0.1	%	1	EH62202	07/28/06	08/22/06	% calculation	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

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
Batch EH62119 - Solvent Extraction (GC)										
Blank (EH62119-BLK1)				Prepared & Analyzed: 08/21/06						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10.0	"							
Surrogate: 1-Chlorooctane	*52.2*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.6*		"	*50.0*		*93.2*	*70-130*			
LCS (EH62119-BS1)				Prepared & Analyzed: 08/21/06						
Carbon Ranges C6-C12	515	10.0	mg/kg wet	500		103	75-125			
Carbon Ranges C12-C28	489	10.0	"	500		97.8	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1000	10.0	"	1000		100	75-125			
Surrogate: 1-Chlorooctane	*60.3*		*mg/kg*	*50.0*		*121*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.4*		"	*50.0*		*103*	*70-130*			
Calibration Check (EH62119-CCV1)				Prepared & Analyzed: 08/21/06						
Carbon Ranges C6-C12	203		mg/kg	250		81.2	80-120			
Carbon Ranges C12-C28	216		"	250		86.4	80-120			
Total Hydrocarbons	419		"	500		83.8	80-120			
Surrogate: 1-Chlorooctane	*61.0*		"	*50.0*		*122*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.9*		"	*50.0*		*106*	*70-130*			
Matrix Spike (EH62119-MS1)	**Source: 6H21001-01**			Prepared & Analyzed: 08/21/06						
Carbon Ranges C6-C12	555	10.0	mg/kg dry	549	ND	101	75-125			
Carbon Ranges C12-C28	483	10.0	"	549	ND	88.0	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	1040	10.0	"	1100	ND	94.5	75-125			
Surrogate: 1-Chlorooctane	*57.2*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.4*		"	*50.0*		*96.8*	*70-130*			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

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
Batch EH62119 - Solvent Extraction (GC)										
Matrix Spike Dup (EH62119-MSD1)	**Source: 6H21001-01**			Prepared & Analyzed: 08/21/06						
Carbon Ranges C6-C12	571	10.0	mg/kg dry	549	ND	104	75-125	2.84	20	
Carbon Ranges C12-C28	498	10.0	"	549	ND	90.7	75-125	3.06	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1070	10.0	"	1100	ND	97.3	75-125	2.84	20	
Surrogate: 1-Chlorooctane	*58.6*		*mg/kg*	*50.0*		*117*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.3*		"	*50.0*		*98.6*	*70-130*			

Larson & Associates, Inc.	Project: Targa/ Eunice GP Landfarm	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 6-0108	
Midland TX, 79710	Project Manager: Mark Larson	

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 EH62202 - General Preparation (Prep)										
Blank (EH62202-BLK1)				Prepared: 08/21/06 Analyzed: 08/22/06						
% Solids	100		%							
Duplicate (EH62202-DUP1)		**Source: 6H21001-01**		Prepared: 08/21/06 Analyzed: 08/22/06						
% Solids	91.1		%		91.1			0.00	20	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Targa/ Eunice GP Landfarm
Project Number: 6-0108
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

O-05	This sample was extracted outside of the EPA recommended holding time.
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
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 8/24/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Targa Resources
SITE MANAGER: MARK LARSON
PROJECT NO.: 6-0108
PROJECT NAME: Eunice GP Landfarm
PAGE 1 OF 1
LAB. PO #

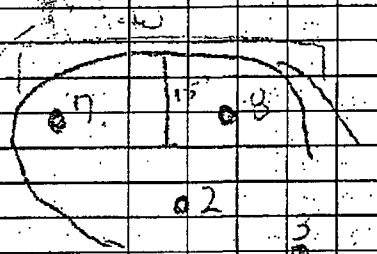
PARAMETERS/METHOD NUMBER

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	See Attached list +	*	TPH 8015 add 08-21-06 @ 0830	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/18	1314		X		2A 3-4'	2		X	X	621001-01	GH21003-01
	1235				2B			X	X	-02	-02
	1252				2C			X	X	-03	-03
	1337				2D			X	X	-04	-04

WELL

N

* Analyze as per attached list 07-27-06 @ 1700



SAMPLED BY: (Signature) DATE: 7/18/06 TIME: 1430
RELINQUISHED BY: (Signature) DATE: 7/20/06 TIME: 0810
RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: TIME:
RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELOT
ADDRESS:
CITY: STATE: ZIP:
CONTACT: PHONE:
RECEIVED BY: (Signature) Jeanne McMurry
DATE: 07-21-06 TIME: 0810

SAMPLE CONDITION WHEN RECEIVED: id written on lid
4.0°C 4oz glass on ice no seals

LA CONTACT PERSON:

SAMPLE TYPE: COPY

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

ient: Larson's Associates

ate/Time: 07-21-06 @ 0810

rder #: 6G21001 6H21003

.itials: JMM

COPY

Sample Receipt Checklist

emperature of container/cooler?	(Yes)	No	4.0° C
hipping container/cooler in good condition?	Yes	No	N/A
ustody Seals intact on shipping container/cooler?	Yes	No	Not present N/A
ustody Seals intact on sample bottles?	Yes	No	(Not present)
hain of custody present?	(Yes)	No	
ample Instructions complete on Chain of Custody?	(Yes)	No	
hain of Custody signed when relinquished and received?	(Yes)	No	
hain of custody agrees with sample label(s)	Yes	No	No labels - id written on i.d
ontainer labels legible and intact?	Yes	No	No labels - id written on i.d
ample Matrix and properties same as on chain of custody?	(Yes)	No	
amples in proper container/bottle?	(Yes)	No	
amples properly preserved?	(Yes)	No	
ample bottles intact?	(Yes)	No	
reservations documented on Chain of Custody?	(Yes)	No	
ontainers documented on Chain of Custody?	(Yes)	No	
ufficient sample amount for indicated test?	(Yes)	No	
ll samples received within sufficient hold time?	(Yes)	No	
OC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____

Regarding:

Corrective Action Taken:

Jeanne McMurrey

From: "Mark Larson" <mark@laenvironmental.com>
To: <jeanne@elabtexas.com>
Sent: Monday, August 21, 2006 9:11 AM
Subject: Re: Lab Order Numbers 6G14011 and 6G21001

Jeanne, Can you run TPH (GRO and DRO) using 8015 on these samples?
Mark

--

Spoke to Mark 08-21-06 @ 0930. He understands the Samples are beyond the 14-day hold time and wants to continue with the analysis. (JMM)

LARSON & ASSOCIATES, INC.

P.O. Box 50685 ◆ Midland, Texas 79710-0685

Ph. (432) 687-0901

Larson & Associates, Inc.
Environmental Consultants

January 20, 2006

VIA EMAIL: Wayne.Price@state.nm.us
VIA CERTIFIED MAIL

Mr. Wayne Price
Senior Environmental Engineer
Environmental Bureau
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: Laboratory Analysis of Soil Samples, Targa Midstream Services, L.P., Eunice Gas Plant, Ground Water Discharge Plan GW-005, NE/4, Section 3, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:

This letter is submitted to the New Mexico Oil Conservation Division ("OCD") on behalf of Targa Midstream Services, L. P. ("Targa") by Larson and Associates, Inc. ("LA"), its agent, and transmits the results of soil samples collected at the Eunice Middle Gas Plant ("Facility") located in the northeast quarter ("NE/4"), Section 3, Township 22 South, Range 37 East, in Lea County, New Mexico. The latitude and longitude for the Site is North 32° 25' 33.8" and 103° 08' 55.5". Figure 1 presents a location and topographic map. Contact information is as follows:

Targa Midstream Services, L. P.
Mr. Cal Wrangham
Region Advisor
6 Desta Drive, Suite 3300
Midland, Texas 79705
(432) 688-0542

Background

On April 6, 2001, OCD issued a letter to Dynegy Midstream Services, L. P. ("DMS"), former operator of the Facility, which specified conditions for renewal of Ground Water Discharge Plan GW-005. Specifically, OCD requested a plan to investigate and remediate hydrocarbon stained soil at four (4) locations that included the pipeline pumps, engine #13A, engine #20 and drain sump near the disposal well. The spill areas were identified during an inspection of the Facility on November 21, 2000. On August 14, 2001, a plan was submitted to OCD that proposed using amendments (i.e., fertilizer, organic mulch, etc.) and tilling to promote biological degradation of the hydrocarbons. This report presents the laboratory results of soil samples collected from the areas on October 28, 2005.

Current investigation

On October 28, 2005, LA personnel collected soil samples at the four (4) areas using direct-push (i.e., Terraprobe™) methods. Soil samples were collected in 2-foot increments (i.e., 0 to 2', 2 to 4 ', 4 to 6',etc.) using a stainless steel core barrel until caliche was encountered between about 1 and 6 feet bgs below ground surface

("bgs"). The core barrel was equipped with dedicated polyethylene liners to prevent sample cross contamination and lithology was described using the Unified Soil Classification System ("USCS"). The borings were plugged with bentonite. Figure 2 presents the investigation areas. Figure 3 presents locations for borings installed in the vicinity of the pipeline pumps. Figure 4 presents locations for borings installed in the vicinity of engine #13A. Figure 5 presents locations for borings installed in the vicinity of engine #20. Figure 6 presents locations for borings installed in the vicinity of the drain sump near the disposal well.

Laboratory samples were placed in 4-ounce glass sample jars, labeled, chilled in an ice chest, and delivered under chain-of-custody control to Environmental Lab of Texas, Inc. ("ELTI"), located in Odessa, Texas. Samples were collected for headspace analysis by partially filling 8-ounce glass sample jars, sealing the openings with a layer of aluminum foil and tightly securing the lids. The headspace samples were allowed to warm to ambient temperature (approximately 30 minutes) before the probe of a RAE Instruments Model 2000 photoionization detector ("PID"), calibrated to 100 parts per million ("ppm") of isobutylene, was passed through the aluminum foil to measure the concentration of hydrocarbon vapors in the headspace. The PID readings were recorded in a bound field book and on boring logs. Table 1 presents a summary of the PID readings. Appendix A presents the boring logs. Appendix B presents laboratory reports.

The following samples recorded PID readings greater than 100 ppm:

Area	Number	Boring	Depth (Feet BGS)	PID (PPM)
Pipeline Pumps	1	SP-1-1	0 – 2.0	1,830
Pipeline Pumps	1	SP-1-3	0 – 2.5	2,823
Drain Sump	4	SP-4-1	0 – 1.5	935
Drain Sump	4	SP-4-2	0 – 1.0	150.4
Drain Sump	4	SP-4-3	0 – 1.7	887
Drain Sump	4	SP-4-4	0 – 1.7	905
Drain Sump	4	SP-4-5	0 – 2.0	1,425
Drain Sump	4	SP-4-7	0 – 1.2	321

The laboratory analyzed samples exhibiting headspace readings greater than 100 ppm were for benzene, toluene, ethyl benzene or xylene ("BTEX"). The following BTEX concentrations were reported:

Area	Number	Boring	Depth (Feet BGS)	Benzene (mg/Kg)	BTEX (mg/Kg)
Pipeline Pumps	1	SP-1-1	0.0 - 2.0	9.58	86.79
Pipeline Pumps	1	SP-1-3	0.0 - 2.5	0.902	29.962
Drain Sump	4	SP-4-1	0.0 – 1.5	0.0583	4.0563
Drain Sump	4	SP-4-2	0.0 – 1.0	0.0136	0.2032
Drain Sump	4	SP-4-3	0.0 – 1.7	0.100	2.284
Drain Sump	4	SP-4-4	0.0 – 1.7	0.807	20.467
Drain Sump	4	SP-4-5	0.0 – 2.0	0.885	31.365
Drain Sump	4	SP-4-7	0.0 – 1.2	0.202	8.984

The laboratory analyzed all samples for total petroleum hydrocarbons ("TPH") using EPA method SW-846-8015 for gasoline range organics ("GRO") and diesel range organics ("DRO"). The following TPH concentrations were reported:

Area Number	Boring	Depth (Feet BGS)	GRO (mg/Kg)	DRO (mg/Kg)	TPH (mg/Kg)
1	SP-1-1	0.0 – 2.0	746	25.4	771.4
1	SP-1-3	0.0 – 2.5	1,120	23.0	1,143.0
2	SP-2-2	0.0 - 2.0	<10	5.97	5.97
4	SP-4-1	0.0 – 1.5	13.4	44.2	57.6
4	SP-4-2	0.0 – 1.0	14.7	44.0	58.7
4	SP-4-3	0.0 – 1.7	140	1,920	2,060
4	SP-4-4	0.0 – 1.7	469	4,050	4,519
4	SP-4-5	0.0 – 2.0	272	1,450	1,722
4	SP-4-6	0.0 – 1.0	<10	227	227
4	SP-4-7	0.0 – 1.2	211	1,010	1,221

The laboratory analyzed all samples for chloride and reported concentrations between 8.55 mg/Kg (SP-1-2, 2.0' to 2.9') and 549 mg/Kg (SP-4-2, 0.0' to 1.0').

Conclusions

Recommended remediation action levels ("RRAL") were calculated using the following criteria published by OCD ("Guidelines for Remediation of Leaks, Spills and Releases, August 13, 1993"):

Ranking Criteria	Result	Ranking Score
Depth-to-Groundwater	<50 Feet	20
Wellhead Protection Area	No	0
Distance to Surface Water Body	>1000 Horizontal Feet	0
		Total Score: 20

The following RRAL are assigned to the Facility based on the total ranking score (20):

- **Benzene** **10 mg/kg**
- **Total BTEX** **50 mg/kg**
- **TPH** **100 mg/kg**

Benzene was below the RRAL. However, BTEX exceeded the RRAL in sample SP-1-1, 0.0' to 2.0' (86.79 mg/Kg) and TPH exceeded the RRAL in the following samples:

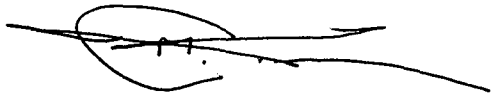
Area	Number	Boring	Depth (Feet BGS)	TPH (mg/Kg)
Pipeline Pumps	1	SP-1-1	0.0 – 2.0	771.4
Pipeline Pumps	1	SP-1-3	0.0 – 2.5	1,143.0
Drain Sump	4	SP-4-3	0.0 – 1.7	2,060
Drain Sump	4	SP-4-4	0.0 – 1.7	4,519
Drain Sump	4	SP-4-5	0.0 – 2.0	1,722
Drain Sump	4	SP-4-6	0.0 – 1.0	227
Drain Sump	4	SP-4-7	0.0 – 1.2	1,221

OCD has proposed a soil closure concentration standard for chloride of 1,000 mg/Kg, as published in NMAC 19.15.4.2.50F(4) and based on a total ranking score (10). No concentrations of chloride exceeded the proposed soil closure concentration standard.

Remediation Plan

Targa proposes to excavate soil at the pipeline pumps and drain sump, as shown on Figure 3 and Figure 6, respectively. Soil will be excavated at these areas until BTEX and TPH are below the RRAL. A location will be selected for spreading the soil on the ground for periodic tilling to degrade the hydrocarbons. Soil samples will be collected from the excavated areas and analyzed for TPH using laboratory method SW-846-8015. Headspace samples will be collected and analyzed using the procedure described earlier and any sample exhibiting a headspace reading above 100 ppm will be analyzed for BTEX using method SW-846-8021B. The excavated areas will be filled with clean soil once the RRAL is achieved. A final report will be submitted to OCD within 45 days following receipt of the laboratory report and filling of excavations. OCD will be notified at least 48-hours before work is performed at the Site. Your approval of the remediation is requested. If you have questions, please call Mr. Cal Wrangham with Targa at (432) 688-0542, myself at (432) 687-0901 or email: cwrangham@targaresources.com or mark@laenvironmental.com.

Respectfully yours,
Larson & Associates, Inc.



Mark J. Larson, P.G., C.P.G., C.G.W.P.
Sr. Project Manager/President

Encl.

cc: Cal Wrangham/Targa
James Lingnau/Targa
Paul Sheeley/OCD - Hobbs
Chris Williams/OCD – Hobbs

Tables

Table 1

Summary of Headspace and Laboratory Analysis of Soil Samples

Targa Resources, Inc., Eunice Gas Plant (GW-025)

Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East

Lea County, New Mexico

Sample Date	Investigation Area	Sample Number	Depth (Feet bgs)	PID (ppm)	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/kg)	DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
RRAL:					**10**	**50**			**100**	
10/27/05	Pipeline Pumps	SP-1-1	0.0 - 2.0	1830.0	9.58	86.79	746	25.4	771.4	9.75
10/27/05		SP-1-2	0.0 - 2.4	0.1	--	--	<10	<10	<20	9.79
10/27/05		SP-1-2	2.0 - 2.9	48.8	--	--	<10	<10	<20	8.55
10/27/05		SP-1-3	0.0 - 2.5	2823.0	0.902	29.962	1,120	23.0	1,143	12.2
10/27/05		SP-1-4	0.0 - 2.3	0.9	--	--	<10	<10	<20	9.93
10/28/05	Engine #13A	SP-2-1	0.0 - 2.0	46.0	--	--	<10	5.97	5.97	39.8
10/28/05		SP-2-1	2.0 - 2.6	38.5	--	--	<10	<10	<20	32.0
10/28/05		SP-2-1	4.0 - 6.0	18.5	--	--	<10	<10	<20	37.7
10/28/05		SP-2-1	6.0 - 6.2	3.5	--	--	<10	<10	<20	39.3
10/28/05		SP-2-2	0.0 - 2.0	30.8	--	--	<10	<10	<20	13.7
10/28/05		SP-2-2	2.0 - 2.2	24.9	--	--	<10	<10	<20	25.1
10/28/05	Engine #20	SP-3-1	0.0 - 2.0	0.1	--	--	<10	<10	<20	27.2
10/28/05		SP-3-1	2.0 - 2.6	0.1	--	--	<10	<10	<20	30.0
10/28/05		SP-3-2	0.0 - 1.7	0.1	--	--	<10	<10	<20	16.2
10/28/05		SP-3-3	0.0 - 2.0	0.1	--	--	<10	<10	<20	73.6
10/28/05		SP-3-3	2.0 - 2.9	0.1	--	--	<10	<10	<20	29.9
10/28/05	Drain Sump	SP-4-1	0.0 - 1.5	935.0	0.0583	4.0563	13.4	44.2	57.6	87.1
10/28/05		SP-4-2	0.0 - 1.0	150.4	0.0136	0.2032	14.7	44.0	58.7	549
10/28/05		SP-4-3	0.0 - 1.7	887.0	0.100	2.284	140	1,920	2,060	278
10/28/05		SP-4-4	0.0 - 1.7	905.0	0.807	20.467	469	4,050	4,519	50.5

Table 1

Summary of Headspace and Laboratory Analysis of Soil Samples

Targa Resources, Inc., Eunice Gas Plant (GW-025)

Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East

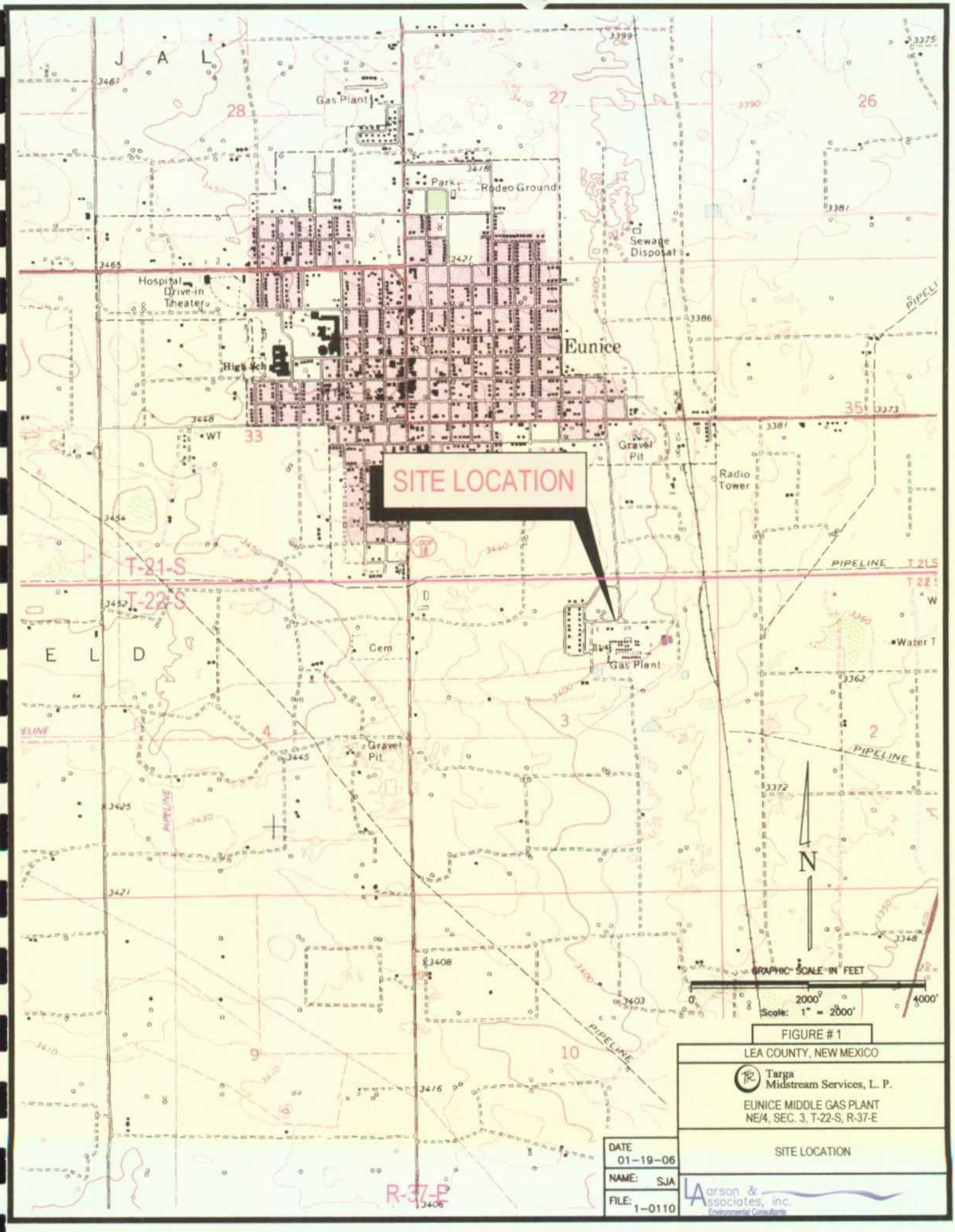
Lea County, New Mexico

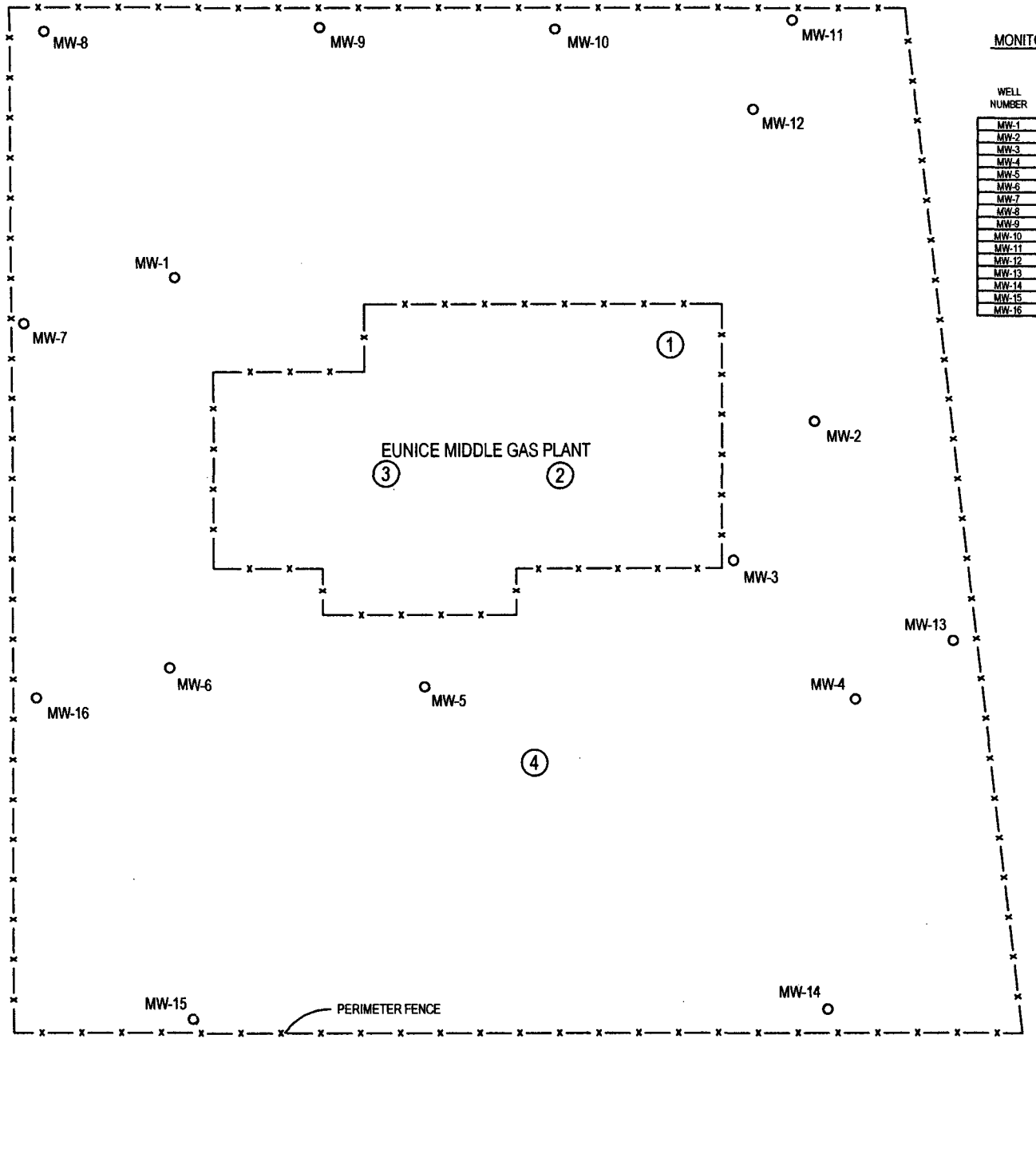
Sample Date	Investigation Area	Sample Number	Depth (Feet bgs)	PID (ppm)	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/kg)	DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
RRAL:					**10**	**50**			**100**	
10/28/05	Drain Sump	SP-4-5	0.0 - 2.0	1425.0	0.885	31.365	272	1,450	1,722	248
10/28/05		SP-4-5	2.0 - 2.5	58.6	--	--	<10	<10	<20	408
10/28/05		SP-4-6	0.0 - 1.0	42.8	--	--	<10	227	227	166
10/28/05		SP-4-7	0.0 - 1.2	321.0	0.202	8.984	211	1,010	1,221	354

Notes: Analysis performed by Environmental Lab of Texas, Inc., Odessa, Texas

1. BGS: Below ground surface
2. ppm: Parts per million
3. mg/kg: Milligrams per kilogram
4. <: Les than method detection limit
5. GRO: Gasoline range organics (C6 to C12)
6. DRO: Diesel range organics (>C12 to C35)
7. TPH: Sum of GRO and DRO (C6 to C35)
8. --: No analysis performed

Figures


SITE LOCATION
Eunice
Gas Plant
Rodeo Ground
Park
Sewage Disposal
Hospital
Drive-in Theater
High Sch
Gravel Pit
Radio Tower
Cem
Water T
PIPELINE
T-21-S
T-22-S
R-37-E
J A L
E L D
N
GRAPHIC SCALE IN FEET
0
2000
4000
Scale: 1" = 2000'
FIGURE # 1
LEA COUNTY, NEW MEXICO
Targa Midstream Services, L. P.
EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E
SITE LOCATION
DATE 01-19-06
NAME: SJA
FILE: 1-0110
Larson & Associates, inc.
Environmental Consultants



MONITORING WELL DATA

WELL NUMBER	TOP OF CASING ELEVATION (FEET) AMSL	GROUND ELEVATION (FEET AMSL)
MW-1	3418.44	3416.39
MW-2	3394.94	3392.80
MW-3	3398.46	3395.97
MW-4	3388.21	3385.73
MW-5	3396.84	3394.29
MW-6	3403.74	3401.15
MW-7	3419.71	3417.25
MW-8	3431.01	3428.66
MW-9	3420.59	3418.14
MW-10	3405.73	3403.31
MW-11	3398.01	3395.51
MW-12	3396.78	3394.81
MW-13	3387.69	3385.82
MW-14	3381.99	3379.66
MW-15	3396.61	3394.67
MW-16	3404.51	3402.48

LEGEND

MW-15 ○ MONITORING WELL LOCATION

INVESTIGATION AREAS

1. PIPELINE PUMPS
2. ENGINE # 13A
3. ENGINE # 20
4. INJECTION (SWD) WELL DRAIN SUMP

GRAPHIC SCALE IN FEET

0 200' 400' 600'

SCALE 1"=400'

FIGURE # 2

LEA COUNTY, NEW MEXICO

Targa Midstream Services, L. P.

EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E

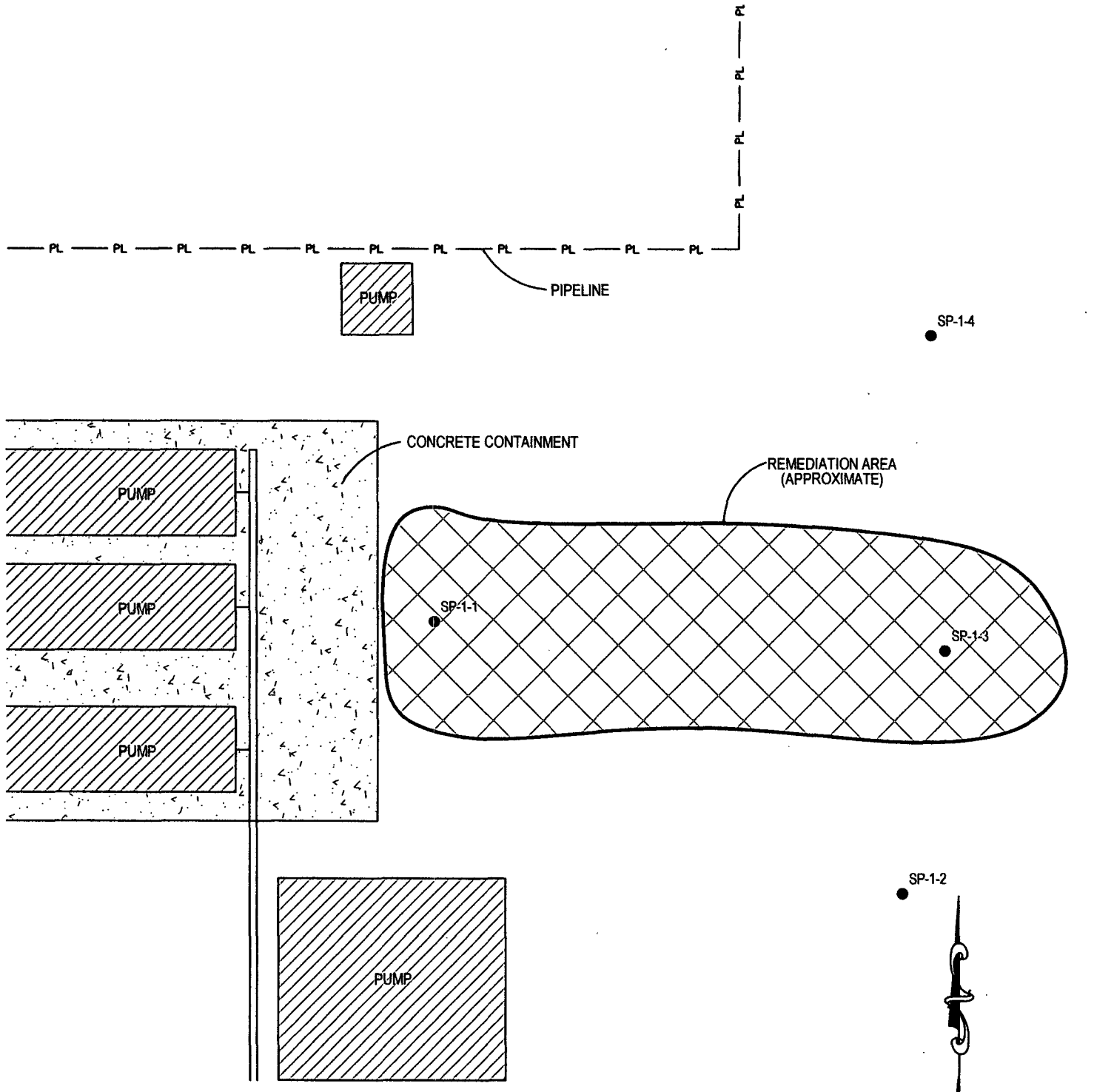
INVESTIGATION AREAS

DATE 01-19-06

NAME: SJA

FILE: 1-0110

Larson & Associates, inc.
Environmental Consultants



GRAPHIC SCALE IN FEET

0 10' 20'

Scale: 1" = 10'

LEGEND

SP-1-1 ● DIRECT PUSH BORING LOCATION, OCTOBER 27, 2005

FIGURE # 3

LEA COUNTY, NEW MEXICO

Targa Midstream Services, L. P.

EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E

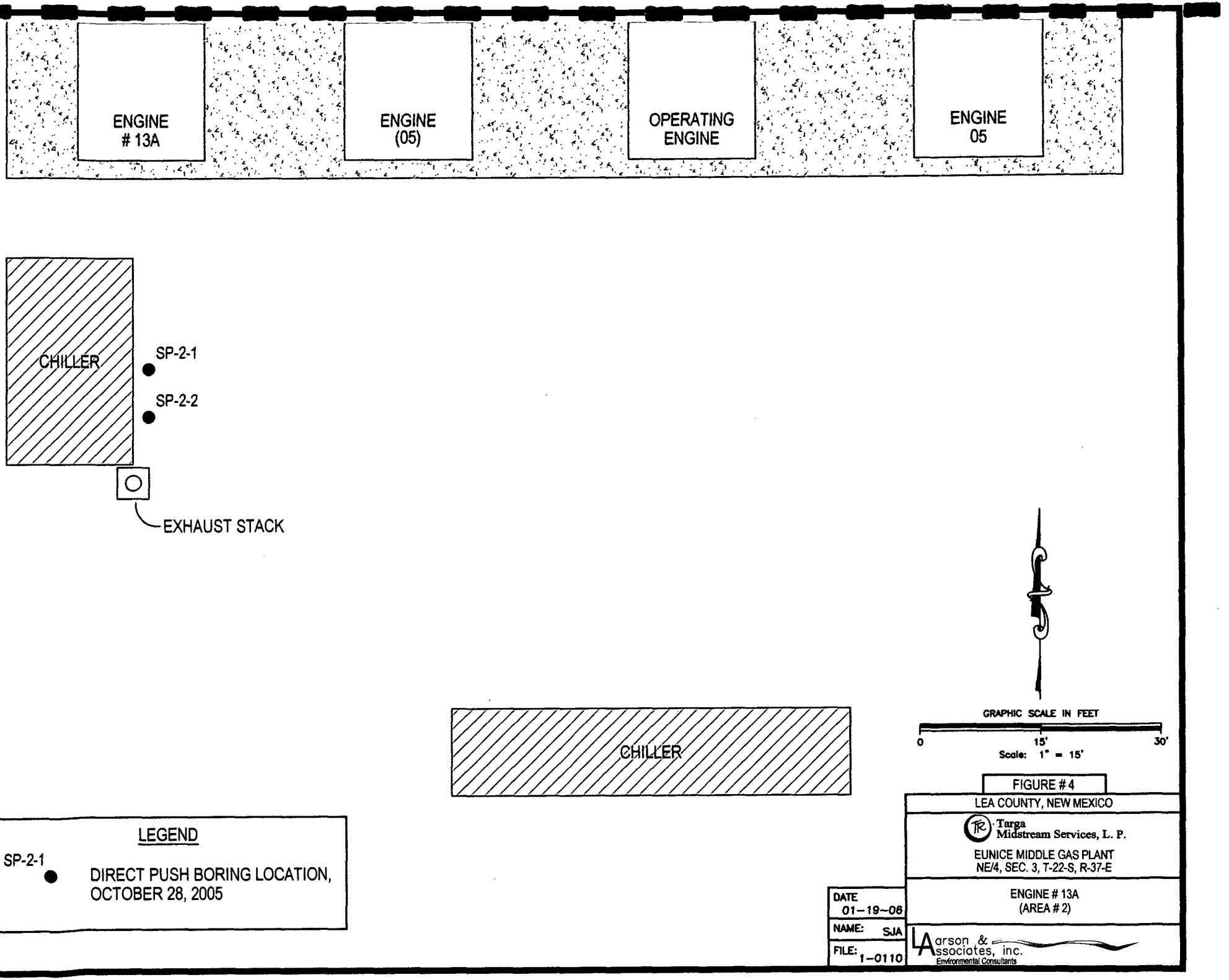
PIPELINE PUMPS
(AREA # 1)

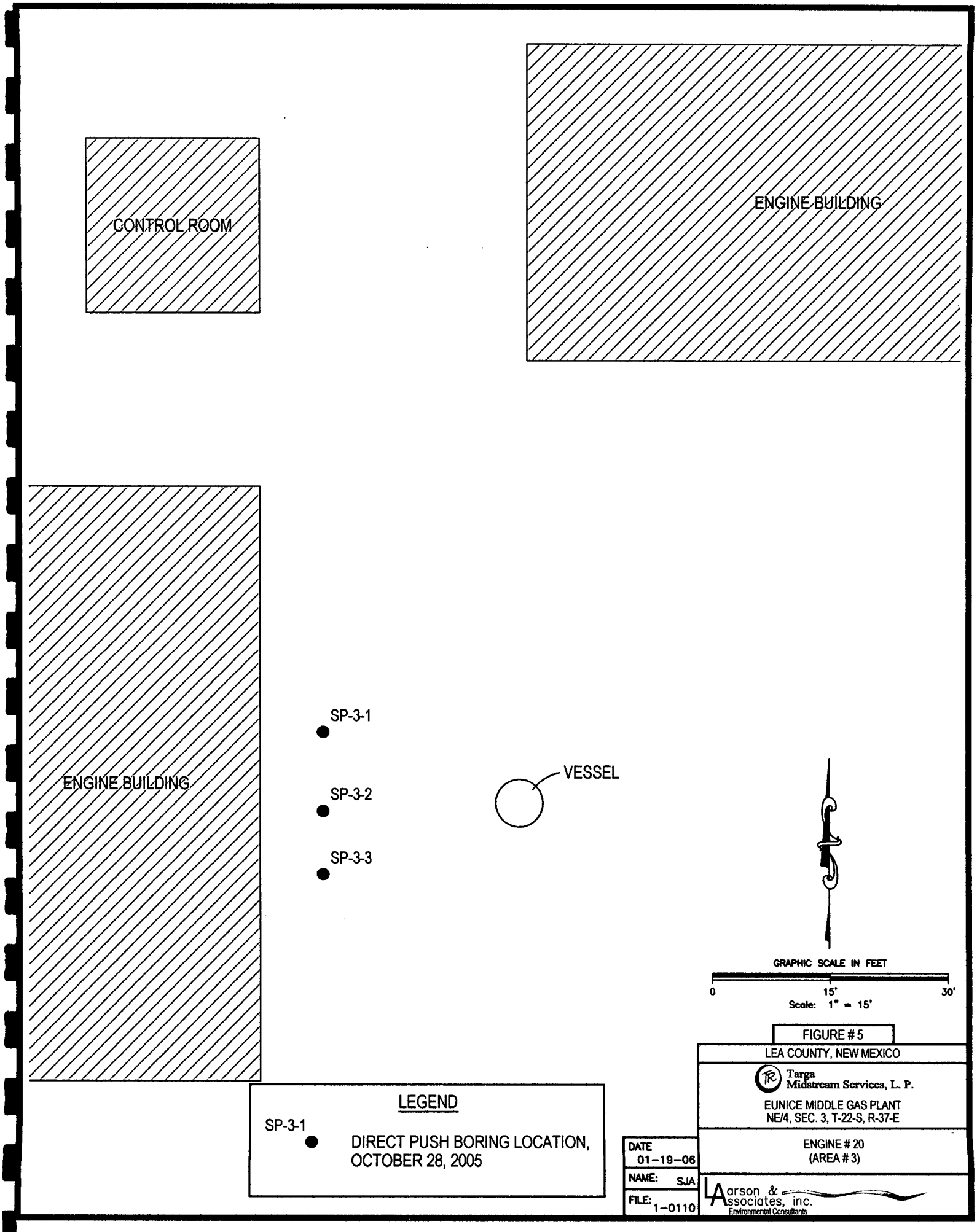
DATE 01-19-06

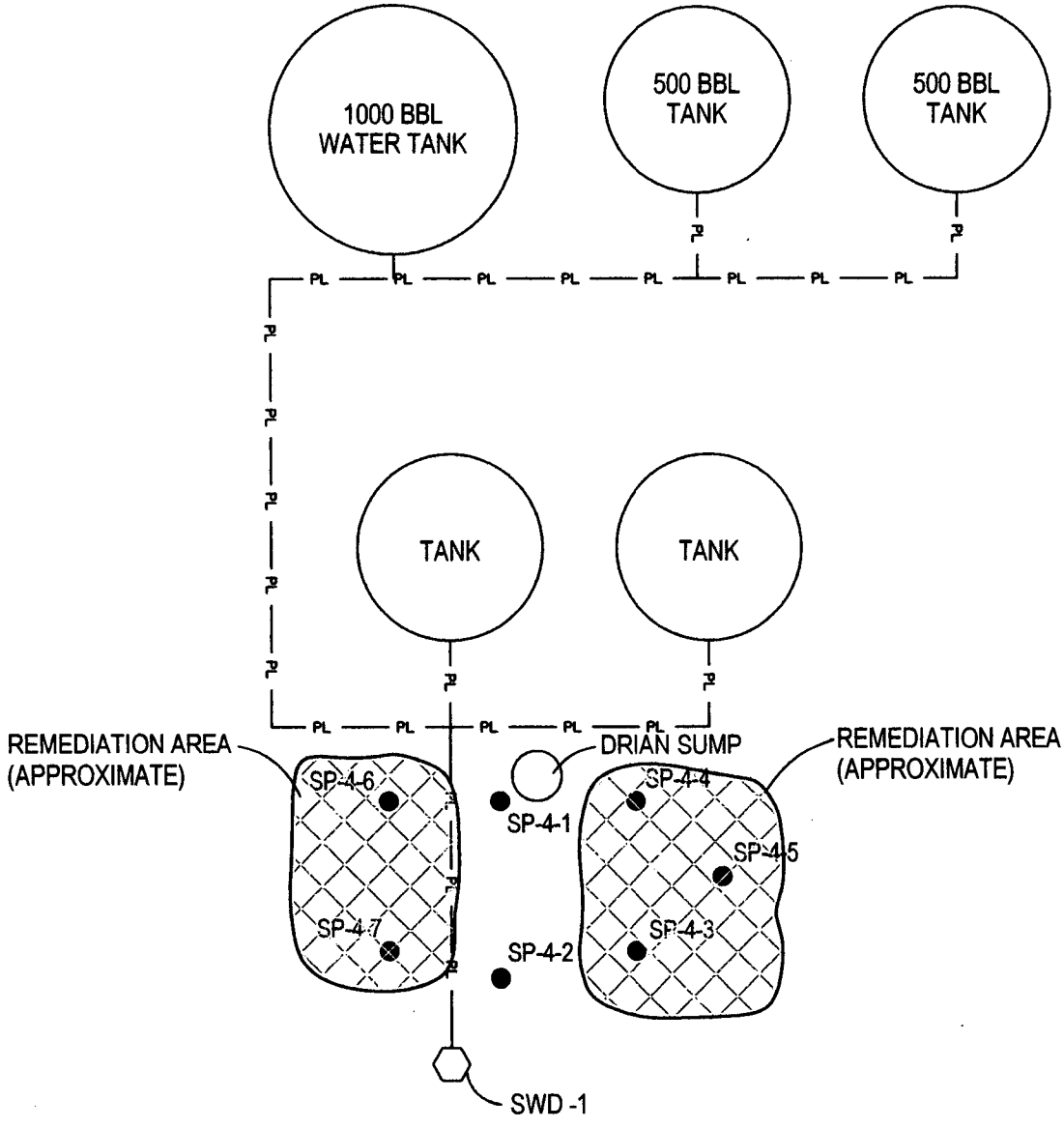
NAME: SJA

FILE: 1-0110

Larson & Associates, inc.
Environmental Consultants


ENGINE # 13A
ENGINE (05)
OPERATING ENGINE
ENGINE 05
CHILLER
SP-2-1
SP-2-2
EXHAUST STACK
CHILLER
GRAPHIC SCALE IN FEET
0
15'
30'
Scale: 1" = 15'
LEGEND
SP-2-1
DIRECT PUSH BORING LOCATION, OCTOBER 28, 2005
FIGURE # 4
LEA COUNTY, NEW MEXICO
Targa Midstream Services, L. P.
EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E
ENGINE # 13A
(AREA # 2)
DATE 01-19-06
NAME: SJA
FILE: 1-0110
Larson & Associates, inc.
Environmental Consultants


CONTROL ROOM
ENGINE BUILDING
ENGINE BUILDING
SP-3-1
SP-3-2
SP-3-3
VESSEL
GRAPHIC SCALE IN FEET
0
15'
30'
Scale: 1" = 15'
LEGEND
SP-3-1
DIRECT PUSH BORING LOCATION, OCTOBER 28, 2005
FIGURE # 5
LEA COUNTY, NEW MEXICO
Targa Midstream Services, L. P.
EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E
ENGINE # 20
(AREA # 3)
DATE 01-19-06
NAME: SJA
FILE: 1-0110
Larson & Associates, inc.
Environmental Consultants



GRAPHIC SCALE IN FEET

0 15' 30'

Scale: 1" = 15'

LEGEND

SP-4-1 ● DIRECT PUSH BORING LOCATION, OCTOBER 28, 2005

⬡ INJECTION (SWD) WELL LOCATION

FIGURE # 6

LEA COUNTY, NEW MEXICO

Targa Midstream Services, L. P.

EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E

DRAIN SUMP
(AREA # 4)

DATE	01-19-06
NAME:	SJA
FILE:	1-0110

Larson & Associates, inc.
Environmental Consultants

Appendix A

Boring Logs

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Pipeline pumps (Area # 1)

Log: SP-1-1

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (500 – 1500)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 4/4, Brown, Very fine grained quartz sand, poorly sorted, very strong hydrocarbon odor and stain, 7.5 YR 3/1 to 2.5/1, Very dark gray to black below 1.5'	1			1830.0	
		Caliche 7.5 YR 7/1 Light gray, indurated, hard					
		Refusial at 2.2'					
5							

Drill Method: Direct Push

Drill Date: 10/27/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Pipeline Pumps (Area # 1)

Log: SP-1-2

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (10 20 30 40)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 4/6, Strong brown, Very fine grained quartz sand, poorly sorted, moist, hydrocarbon odor 7.5 YR 4/3, Brown below 1.5', strong hydrocarbon odor	1			0.1	
		Caliche 7.5 YR 7/1, Light gray, indurated					
			2			48.8	
5		**Refusial at 5.0'**					

Drill Method: Direct Push

Drill Date: 10/27/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Pipeline Pumps (Area # 1)

Log: SP-1-3

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (500 1500 2500)	Notes
		Ground Surface					
0		*Gravel*					
		Sand 7.5 YR 4/6, Strong brown, Very fine grained quartz sand, poorly sorted, caliche at 1.0' 7.5 YR 4/3, Brown below 1.5', Very fine grained quartz sand, very strong hydrocarbon odor 7.5 YR 3/1, Very dark gray below 1.7'	1			2823.0	
		Caliche 7.5 YR 7/1, Light gray, indurated					
		Refusial at 4.0'					
5							

Drill Method: Direct Push

Drill Date: 10/27/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Pipeline Pump (Area # 1)

Log: SP-1-4

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (0.1 0.3 0.5 0.7 0.9)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 4/6, Strong brown, Very fine grained quartz sand, poorly sorted, caliche at 1.0' 7.5 YR 4/3, Brown below 1.2', slight hydrocarbon odor	1			0.9	
		Caliche 7.5 YR 7/1, Light gray, indurated					
		Refusial at 4.0'					
5							

Drill Method: Direct Push

Drill Date: 10/27/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Engine # 13A (Area # 2)

Log: SP-2-1

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (10 20 30 40)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 4/6, Strong brown, Very fine grained quartz sand, poorly sorted, caliche at 1.0', Very fine grained quartz sand 7.5 YR 4/3 to 2.5/1, Brown to black below 1.0', very strong hydrocarbon odor and stain	1			46.0	
			2			38.5	
		Caliche 7.5 YR 6/2 to 7.2, Pinkish gray, moderately indurated, sandy					
5			3			18.5	
			4			3.5	
		Refusial at 7.0'					

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Engine #13A (Area # 2)

Log: SP-2-2

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (10 20 30 40)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 4/6, Strong brown, Very fine grained quartz sand 7.5 YR 4/2 to 2.5/1, Brown to black below 1.0', very strong hydrocarbon odor and stain	1			30.8	
			2			24.9	
		Caliche 7.5 YR 6/2, Pinkish gray, indurated, sandy					
		Refusial at 4.0'					
5							

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Pipeline Pumps (Area # 1)

Log: SP-1-3

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (500 1500 2500)	Notes
		Ground Surface					
0		*Gravel*					
		Sand 7.5 YR 4/6, Strong brown, Very fine grained quartz sand, poorly sorted, caliche at 1.0' 7.5 YR 4/3, Brown below 1.5', Very fine grained quartz sand, very strong hydrocarbon odor 7.5 YR 3/1, Very dark gray below 1.7'	1			2823.0	
		Caliche 7.5 YR 7/1, Light gray, indurated					
		Refusial at 4.0'					
5							

Drill Method: Direct Push

Drill Date: 10/27/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Engine # 20 (Area # 3)

Log: SP-3-2

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (0.1 0.3 0.5 0.7 0.9)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 4/6, Strong brown, Very fine grained quartz sand, poorly sorted, very low odor	1			0.1	
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 3.0'					
5							

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: Engine # 20 (Area # 3)

Log: SP-3-3

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm 0.1 0.3 0.5 0.7 0.9	Notes
0		Ground Surface					
		Caliche					
		Sand 7.5 YR 6/4, Strong brown, Very fine grained quartz sand, poorly sorted 7.5 YR 6/4, Brown below 1.0', on odor	1			0.1	
		Caliche 7.5 YR 6/2, Pinkish gray, sandy, fine grained quartz sand to indurated	2			0.1	
		Refusial at 4.0'					
5							

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: SWD Drain Sump (Area # 4)

Log: SP-4-1

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (200 – 600)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 6/4, Strong brown to 7.5 YR 2.5/1, black, Very fine grained quartz sand, very poorly sorted, very strong hydrocarbon odor and stain	1			935.0	
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 2.0'					

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: SWD Drain Sump (Area # 4)

Log: SP-4-2

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (200 – 600)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 6/4, Strong brown to 2.5/1, black, Very fine grained quartz sand, very poorly sorted, very strong hydrocarbon odor and stain	1			150.4	
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 2.0'					

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: SWD Main Sump (Area # 4)

Log: SP-4-3

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (200 – 600)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 6/4, Strong brown to 3/1,very dark gray, Very fine grained quartz sand, very poorly sorted, strong hydrocarbon odor and stain Caliche at 1.0' 7.5 YR 2.5/1, Black below 1.0'	1			887.0	
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 2.0'					

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: SWD Drain Sump (Area # 4)

Log: SP-4-4

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (200 – 600)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 5/6, Strong brown to 3/1,very dark gray, Very fine grained quartz sand, poorly sorted, hydrocarbon stain below 1.0'	1			905.0	
		7.5 YR 2.5/1, Black below 1.0'					
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 2.0'					

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: SWD Drain Sump (Area # 4)

Log: SP-4-5

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (500 – 1500)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 5/6, Strong brown to 2.5/1, black, Very fine grained quartz sand, poorly sorted, very strong hydrocarbon odor Caliche at 1.7' 7.5 YR 2.5/1, Black below 1.0'	1			1425.0	
			2			58.6	
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 3.0'					
5							

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175'

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: SWD Drain Sump (Area # 4)

Log: SP-4-6

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (50 – 150)	Notes
0		Ground Surface					
		Gravel					
		Sand 7.5 YR 4/6, Strong brown to 4/2, brown, Very fine grained quartz sand, poorly sorted, slight odor and stain	1			42.8	
		7.5 YR 2.5/1, Black below 1.0'					
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 2.0'					
5							

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.175

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Client: Targa Midstreams Services, L.P.

Project: Eunice Middle Gas Plant-GWDP

Project No: 1-0110

Location: SWD Drain Sump (Area # 4)

Log: SP-4-7

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (200 – 600)	Notes
0		Ground Surface					
		Gravel					
		Gravelly sand 7.5 YR 4/6, to 2.5/1, Strong brown to black, very fine grained quartz sand, poorly sorted, strong hydorcarbon odor and stain	1			321.0	
		7.5 YR 2.5/1, Black below 1.0'					
		Caliche 7.5 YR 7/1, Light gray, indurated, hard					
		Refusial at 2.0'					
5							

Drill Method: Direct Push

Drill Date: 10/28/05

Hole Size: 0.25"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: LA

Appendix B

Laboratory Reports

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Dynegy Eunice Plant

Project Number: None Given

Location: None Given

Lab Order Number: 5J28009

Report Date: 11/07/05

Larson & Associates, Inc.	Project: Dynegy Eunice Plant	Fax: (432) 687-0456
P.O. Box 50685	Project Number: None Given	**Reported:**
Midland TX, 79710	Project Manager: Mark Larson	11/07/05 14:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1-1, 0-2.1	5J28009-01	Soil	10/27/05 10:15	10/28/05 15:03
SP-1-2, 0-2.4	5J28009-02	Soil	10/27/05 10:35	10/28/05 15:03
SP-1-2, 2-2.9	5J28009-03	Soil	10/27/05 10:45	10/28/05 15:03
SP-1-3, 0-2.5'	5J28009-04	Soil	10/27/05 11:00	10/28/05 15:03
SP-1-4, 0-2.3'	5J28009-05	Soil	10/27/05 11:10	10/28/05 15:03
SP-2-1, 0-2'	5J28009-06	Soil	10/28/05 08:15	10/28/05 15:03
SP-2-1, 2-2.6'	5J28009-07	Soil	10/28/05 08:15	10/28/05 15:03
SP-2-1, 4-6'	5J28009-08	Soil	10/28/05 08:22	10/28/05 15:03
SP-2-1, 6-6.2'	5J28009-09	Soil	10/28/05 08:22	10/28/05 15:03
SP-2-2, 0-2'	5J28009-10	Soil	10/28/05 08:38	10/28/05 15:03
SP-2-2, 2-2.2'	5J28009-11	Soil	10/28/05 08:38	10/28/05 15:03
SP-3-1, 0-2'	5J28009-12	Soil	10/28/05 09:20	10/28/05 15:03
SP-3-1, 2-2.6'	5J28009-13	Soil	10/28/05 09:20	10/28/05 15:03
SP-3-2, 0-1.7'	5J28009-14	Soil	10/28/05 09:30	10/28/05 15:03
SP-3-3, 0-2'	5J28009-15	Soil	10/28/05 09:40	10/28/05 15:03
SP-3-3, 2-2.9'	5J28009-16	Soil	10/28/05 09:40	10/28/05 15:03
SP-4-1, 0-1.5'	5J28009-17	Soil	10/28/05 10:30	10/28/05 15:03
SP-4-2, 0-1'	5J28009-18	Soil	10/28/05 10:40	10/28/05 15:03
SP-4-3, 0-1.7	5J28009-19	Soil	10/28/05 10:50	10/28/05 15:03
SP-4-4, 0-1.7	5J28009-20	Soil	10/28/05 11:02	10/28/05 15:03
SP-4-5, 0-2	5J28009-21	Soil	10/28/05 11:13	10/28/05 15:03
SP-4-5, 2-2.5	5J28009-22	Soil	10/28/05 11:13	10/28/05 15:03
SP-4-6, 0-1	5J28009-23	Soil	10/28/05 11:23	10/28/05 15:03
SP-4-7, 0-1.2	5J28009-24	Soil	10/28/05 11:32	10/28/05 15:03

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1-1, 0-2.1 (5J28009-01) Soil									
Benzene	**9.58**	0.200	mg/kg dry	200	EK50219	11/01/05	11/03/05	EPA 8021B	
Toluene	**26.9**	0.200	"	"	"	"	"	"	
Ethylbenzene	**14.1**	0.200	"	"	"	"	"	"	
Xylene (p/m)	**26.3**	0.200	"	"	"	"	"	"	
Xylene (o)	**9.91**	0.200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*819 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*129 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**746**	10.0	"	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	**25.4**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**771**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*118 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*113 %*	*70-130*		"	"	"	"	
SP-1-2, 0-2.4 (5J28009-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*95.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*121 %*	*70-130*		"	"	"	"	
SP-1-2, 2-2.9 (5J28009-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*93.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
SP-1-3, 0-2.5' (5J28009-04) Soil									
Benzene	**0.902**	0.200	mg/kg dry	200	EK50219	11/01/05	11/03/05	EPA 8021B	
Toluene	**5.76**	0.200	"	"	"	"	"	"	
Ethylbenzene	**3.21**	0.200	"	"	"	"	"	"	
Xylene (p/m)	**17.3**	0.200	"	"	"	"	"	"	
Xylene (o)	**2.79**	0.200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*80.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1120**	10.0	"	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	**23.0**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1140**	10.0	"	"	"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1-3, 0-2.5' (5J28009-04) Soil									
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*EJ53112*	*10/31/05*	*10/31/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*102 %*	*70-130*		"	"	"	"	
SP-1-4, 0-2.3' (5J28009-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.4 %*	*70-130*		"	"	"	"	
SP-2-1, 0-2' (5J28009-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	**J [5.97]**	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*128 %*	*70-130*		"	"	"	"	
SP-2-1, 2-2.6' (5J28009-07) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
SP-2-1, 4-6' (5J28009-08) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*113 %*	*70-130*		"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-2-1, 6-6.2' (5J28009-09) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	10/31/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*98.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.6 %*	*70-130*		"	"	"	"	
SP-2-2, 0-2' (5J28009-10) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**ND**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	
SP-2-2, 2-2.2' (5J28009-11) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*87.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*92.0 %*	*70-130*		"	"	"	"	
SP-3-1, 0-2' (5J28009-12) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*95.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*97.2 %*	*70-130*		"	"	"	"	
SP-3-1, 2-2.6' (5J28009-13) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*87.6 %*	*70-130*		"	"	"	"	

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-3-2, 0-1.7' (5J28009-14) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*88.8 %*	*70-130*		"	"	"	"	
SP-3-3, 0-2' (5J28009-15) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.4 %*	*70-130*		"	"	"	"	
SP-3-3, 2-2.9' (5J28009-16) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*85.4 %*	*70-130*		"	"	"	"	
SP-4-1, 0-1.5' (5J28009-17) Soil									
Benzene	**0.0583**	0.0250	mg/kg dry	25	EK50219	11/01/05	11/02/05	EPA 8021B	
Toluene	**0.535**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**1.17**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**1.93**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.363**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*124 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*162 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**13.4**	10.0	"	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**44.2**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**57.6**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*121 %*	*70-130*		"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-4-2, 0-1' (5J28009-18) Soil									
Benzene	**J [0.0136]**	0.0250	mg/kg dry	25	EK50219	11/01/05	11/02/05	EPA 8021B	J
Toluene	**J [0.0239]**	0.0250	"	"	"	"	"	"	J
Ethylbenzene	**0.0643**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0743**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0271**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*85.3 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**14.7**	10.0	"	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**44.0**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**58.7**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*95.6 %*	*70-130*		"	"	"	"	
SP-4-3, 0-1.7 (5J28009-19) Soil									
Benzene	**0.100**	0.0250	mg/kg dry	25	EK50219	11/01/05	11/02/05	EPA 8021B	
Toluene	**0.352**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.613**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.851**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.368**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*127 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*138 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**140**	10.0	"	1	EJ53112	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**1920**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**2060**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*121 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*150 %*	*70-130*		"	"	"	"	*S-04*
SP-4-4, 0-1.7 (5J28009-20) Soil									
Benzene	**0.807**	0.100	mg/kg dry	100	EK50312	11/03/05	11/04/05	EPA 8021B	
Toluene	**2.97**	0.100	"	"	"	"	"	"	
Ethylbenzene	**6.23**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**8.85**	0.100	"	"	"	"	"	"	
Xylene (o)	**1.61**	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*145 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*144 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**469**	10.0	"	1	EJ53113	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**4050**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**4520**	10.0	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-4-4, 0-1.7 (5J28009-20) Soil									
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*EJ53113*	*10/31/05*	*11/01/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*126 %*	*70-130*		"	"	"	"	
SP-4-5, 0-2 (5J28009-21) Soil									
Benzene	**0.885**	0.100	mg/kg dry	100	EK50312	11/03/05	11/04/05	EPA 8021B	
Toluene	**3.91**	0.100	"	"	"	"	"	"	
Ethylbenzene	**6.28**	0.100	"	"	"	"	"	"	
Xylene (p/m)	**15.4**	0.100	"	"	"	"	"	"	
Xylene (o)	**4.89**	0.100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*507 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*173 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**272**	10.0	"	1	EJ53113	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**1450**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1720**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*83.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*126 %*	*70-130*		"	"	"	"	
SP-4-5, 2-2.5 (5J28009-22) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53113	10/31/05	11/02/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*84.0 %*	*70-130*		"	"	"	"	
SP-4-6, 0-1 (5J28009-23) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ53113	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**227**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**227**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*114 %*	*70-130*		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-4-7, 0-1.2 (5J28009-24) Soil									
Benzene	**0.202**	0.0250	mg/kg dry	25	EK50312	11/03/05	11/03/05	EPA 8021B	
Toluene	**0.702**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**3.49**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**3.87**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.720**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*139 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*198 %*	*80-120*		"	"	"	"	*S-04*
Gasoline Range Organics C6-C12	**211**	10.0	"	1	EJ53113	10/31/05	11/01/05	EPA 8015M	
Diesel Range Organics >C12-C35	**1010**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1220**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*126 %*	*70-130*		"	"	"	"	

General Chemistry Parameters by EPA / Standard Methods
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1-1, 0-2.1 (5J28009-01) Soil									
Chloride	**9.75**	5.00	mg/kg	10	EK50207	11/01/05	11/02/05	EPA 300.0	
% Moisture	**11.6**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-1-2, 0-2.4 (5J28009-02) Soil									
Chloride	**9.79**	5.00	mg/kg	10	EK50207	11/01/05	11/02/05	EPA 300.0	
% Moisture	**11.4**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-1-2, 2-2.9 (5J28009-03) Soil									
Chloride	**8.55**	5.00	mg/kg	10	EK50207	11/01/05	11/02/05	EPA 300.0	
% Moisture	**18.8**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-1-3, 0-2.5' (5J28009-04) Soil									
Chloride	**12.2**	5.00	mg/kg	10	EK50207	11/01/05	11/02/05	EPA 300.0	
% Moisture	**14.7**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-1-4, 0-2.3' (5J28009-05) Soil									
Chloride	**9.93**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**13.2**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-2-1, 0-2' (5J28009-06) Soil									
Chloride	**39.8**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**5.6**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-2-1, 2-2.6' (5J28009-07) Soil									
Chloride	**32.0**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**5.5**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-2-1, 4-6' (5J28009-08) Soil									
Chloride	**37.7**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**19.7**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-2-1, 6-6.2' (5J28009-09) Soil									
Chloride	**39.3**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**9.2**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-2-2, 0-2' (5J28009-10) Soil									
Chloride	**13.7**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**8.4**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-2-2, 2-2.2' (5J28009-11) Soil									
Chloride	**25.1**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**9.6**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-3-1, 0-2' (5J28009-12) Soil									
Chloride	**27.2**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**13.7**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-3-1, 2-2.6' (5J28009-13) Soil									
Chloride	**30.0**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**18.4**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-3-2, 0-1.7' (5J28009-14) Soil									
Chloride	**16.2**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**4.9**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-3-3, 0-2' (5J28009-15) Soil									
Chloride	**73.6**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**14.2**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-3-3, 2-2.9' (5J28009-16) Soil									
Chloride	**29.9**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**19.5**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-4-1, 0-1.5' (5J28009-17) Soil									
Chloride	**87.1**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**9.8**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-4-2, 0-1' (5J28009-18) Soil									
Chloride	**549**	20.0	mg/kg	40	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**8.3**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-4-3, 0-1.7 (5J28009-19) Soil									
Chloride	**278**	10.0	mg/kg	20	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**8.5**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-4-4, 0-1.7 (5J28009-20) Soil									
Chloride	**50.5**	5.00	mg/kg	10	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**9.7**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-4-5, 0-2 (5J28009-21) Soil									
Chloride	**248**	10.0	mg/kg	20	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-4-5, 2-2.5 (5J28009-22) Soil									
Chloride	**408**	10.0	mg/kg	20	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-4-6, 0-1 (5J28009-23) Soil									
Chloride	**166**	10.0	mg/kg	20	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**14.5**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	
SP-4-7, 0-1.2 (5J28009-24) Soil									
Chloride	**354**	10.0	mg/kg	20	EK50208	11/01/05	11/02/05	EPA 300.0	
% Moisture	**12.4**	0.1	%	1	EK50104	10/31/05	11/01/05	% calculation	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ53112 - Solvent Extraction (GC)										
Blank (EJ53112-BLK1)				Prepared & Analyzed: 10/31/05						
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	*52.2*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*62.6*		*"*	*50.0*		*125*	*70-130*			
LCS (EJ53112-BS1)				Prepared & Analyzed: 10/31/05						
Gasoline Range Organics C6-C12	427	10.0	mg/kg wet	500		85.4	75-125			
Diesel Range Organics >C12-C35	376	10.0	"	500		75.2	75-125			
Total Hydrocarbon C6-C35	803	10.0	"	1000		80.3	75-125			
Surrogate: 1-Chlorooctane	*54.3*		*mg/kg*	*50.0*		*109*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.5*		*"*	*50.0*		*107*	*70-130*			
Calibration Check (EJ53112-CCV1)				Prepared: 10/31/05 Analyzed: 11/01/05						
Gasoline Range Organics C6-C12	501		mg/kg	500		100	80-120			
Diesel Range Organics >C12-C35	430		"	500		86.0	80-120			
Total Hydrocarbon C6-C35	931		"	1000		93.1	80-120			
Surrogate: 1-Chlorooctane	*55.1*		*"*	*50.0*		*110*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.2*		*"*	*50.0*		*98.4*	*70-130*			
Matrix Spike (EJ53112-MS1)	**Source: 5J28007-01**			Prepared & Analyzed: 10/31/05						
Gasoline Range Organics C6-C12	584	10.0	mg/kg dry	639	ND	91.4	75-125			
Diesel Range Organics >C12-C35	521	10.0	"	639	ND	81.5	75-125			
Total Hydrocarbon C6-C35	1110	10.0	"	1280	ND	86.7	75-125			
Surrogate: 1-Chlorooctane	*58.2*		*mg/kg*	*50.0*		*116*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.8*		*"*	*50.0*		*110*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ53113 - Solvent Extraction (GC)										
Blank (EJ53113-BLK1)				Prepared: 10/31/05 Analyzed: 11/01/05						
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	*53.6*		*mg/kg*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*59.0*		*"*	*50.0*		*118*	*70-130*			
LCS (EJ53113-BS1)				Prepared: 10/31/05 Analyzed: 11/01/05						
Gasoline Range Organics C6-C12	484	10.0	mg/kg wet	500		96.8	75-125			
Diesel Range Organics >C12-C35	464	10.0	"	500		92.8	75-125			
Total Hydrocarbon C6-C35	948	10.0	"	1000		94.8	75-125			
Surrogate: 1-Chlorooctane	*56.3*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*62.3*		*"*	*50.0*		*125*	*70-130*			
Calibration Check (EJ53113-CCV1)				Prepared: 10/31/05 Analyzed: 11/01/05						
Gasoline Range Organics C6-C12	503		mg/kg	500		101	80-120			
Diesel Range Organics >C12-C35	466		"	500		93.2	80-120			
Total Hydrocarbon C6-C35	969		"	1000		96.9	80-120			
Surrogate: 1-Chlorooctane	*57.4*		*"*	*50.0*		*115*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.6*		*"*	*50.0*		*115*	*70-130*			
Matrix Spike (EJ53113-MS1)	**Source: 5J31001-01**			Prepared: 10/31/05 Analyzed: 11/01/05						
Gasoline Range Organics C6-C12	535	10.0	mg/kg dry	583	ND	91.8	75-125			
Diesel Range Organics >C12-C35	519	10.0	"	583	ND	89.0	75-125			
Total Hydrocarbon C6-C35	1050	10.0	"	1170	ND	89.7	75-125			
Surrogate: 1-Chlorooctane	*56.0*		*mg/kg*	*50.0*		*112*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.7*		*"*	*50.0*		*95.4*	*70-130*			
Matrix Spike Dup (EJ53113-MSD1)	**Source: 5J31001-01**			Prepared: 10/31/05 Analyzed: 11/01/05						
Gasoline Range Organics C6-C12	544	10.0	mg/kg dry	583	ND	93.3	75-125	1.67	20	
Diesel Range Organics >C12-C35	473	10.0	"	583	ND	81.1	75-125	9.27	20	
Total Hydrocarbon C6-C35	1020	10.0	"	1170	ND	87.2	75-125	2.90	20	
Surrogate: 1-Chlorooctane	*57.0*		*mg/kg*	*50.0*		*114*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.5*		*"*	*50.0*		*97.0*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK50219 - EPA 5030C (GC)										
Blank (EK50219-BLK1)				Prepared & Analyzed: 11/01/05						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*0.0429*		"	*0.0400*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0473*		"	*0.0400*		*118*	*80-120*			
LCS (EK50219-BS1)				Prepared & Analyzed: 11/01/05						
Benzene	0.0479	0.00100	mg/kg wet	0.0500		95.8	80-120			
Toluene	0.0494	0.00100	"	0.0500		98.8	80-120			
Ethylbenzene	0.0469	0.00100	"	0.0500		93.8	80-120			
Xylene (p/m)	0.0887	0.00100	"	0.100		88.7	80-120			
Xylene (o)	0.0477	0.00100	"	0.0500		95.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0427*		"	*0.0400*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0352*		"	*0.0400*		*88.0*	*80-120*			
Calibration Check (EK50219-CCV1)				Prepared: 11/01/05 Analyzed: 11/02/05						
Benzene	45.8		ug/kg	50.0		91.6	80-120			
Toluene	47.6		"	50.0		95.2	80-120			
Ethylbenzene	46.0		"	50.0		92.0	80-120			
Xylene (p/m)	87.4		"	100		87.4	80-120			
Xylene (o)	46.9		"	50.0		93.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0396*		*mg/kg wet*	*0.0400*		*99.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0348*		"	*0.0400*		*87.0*	*80-120*			
Matrix Spike (EK50219-MS1)	**Source: 5J27009-01**			Prepared: 11/01/05 Analyzed: 11/02/05						
Benzene	0.0509	0.00100	mg/kg dry	0.0557	ND	91.4	80-120			
Toluene	0.0540	0.00100	"	0.0557	ND	96.9	80-120			
Ethylbenzene	0.0538	0.00100	"	0.0557	ND	96.6	80-120			
Xylene (p/m)	0.102	0.00100	"	0.111	ND	91.9	80-120			
Xylene (o)	0.0550	0.00100	"	0.0557	ND	98.7	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0424*		"	*0.0445*		*95.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0509*		"	*0.0445*		*114*	*80-120*			

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
Batch EK50219 - EPA 5030C (GC)										
Matrix Spike Dup (EK50219-MSD1)		**Source: 5J27009-01**		Prepared: 11/01/05 Analyzed: 11/02/05						
Benzene	0.0504	0.00100	mg/kg dry	0.0557	ND	90.5	80-120	0.990	20	
Toluene	0.0538	0.00100	"	0.0557	ND	96.6	80-120	0.310	20	
Ethylbenzene	0.0538	0.00100	"	0.0557	ND	96.6	80-120	0.00	20	
Xylene (p/m)	0.102	0.00100	"	0.111	ND	91.9	80-120	0.00	20	
Xylene (o)	0.0548	0.00100	"	0.0557	ND	98.4	80-120	0.304	20	
Surrogate: a,a,a-Trifluorotoluene	*0.0465*		"	*0.0445*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0516*		"	*0.0445*		*116*	*80-120*			
Batch EK50312 - EPA 5030C (GC)										
Blank (EK50312-BLK1)				Prepared & Analyzed: 11/03/05						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*0.0354*		"	*0.0400*		*88.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0440*		"	*0.0400*		*110*	*80-120*			
LCS (EK50312-BS1)				Prepared & Analyzed: 11/03/05						
Benzene	0.0435	0.00100	mg/kg wet	0.0500		87.0	80-120			
Toluene	0.0458	0.00100	"	0.0500		91.6	80-120			
Ethylbenzene	0.0452	0.00100	"	0.0500		90.4	80-120			
Xylene (p/m)	0.0888	0.00100	"	0.100		88.8	80-120			
Xylene (o)	0.0464	0.00100	"	0.0500		92.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0394*		"	*0.0400*		*98.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0398*		"	*0.0400*		*99.5*	*80-120*			

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
Batch EK50312 - EPA 5030C (GC)										
Calibration Check (EK50312-CCV1)				Prepared: 11/03/05 Analyzed: 11/04/05						
Benzene	44.2		ug/kg	50.0		88.4	80-120			
Toluene	46.3		"	50.0		92.6	80-120			
Ethylbenzene	44.8		"	50.0		89.6	80-120			
Xylene (p/m)	89.5		"	100		89.5	80-120			
Xylene (o)	46.1		"	50.0		92.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0381*		*mg/kg wet*	*0.0400*		*95.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0359*		*"*	*0.0400*		*89.8*	*80-120*			
Matrix Spike (EK50312-MS1)		**Source: 5J31002-01**		Prepared: 11/03/05 Analyzed: 11/04/05						
Benzene	1.20	0.0250	mg/kg dry	1.32	ND	90.9	80-120			
Toluene	1.25	0.0250	"	1.32	ND	94.7	80-120			
Ethylbenzene	1.26	0.0250	"	1.32	ND	95.5	80-120			
Xylene (p/m)	2.51	0.0250	"	2.63	ND	95.4	80-120			
Xylene (o)	1.30	0.0250	"	1.32	ND	98.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0425*		*"*	*0.0421*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0472*		*"*	*0.0421*		*112*	*80-120*			
Matrix Spike Dup (EK50312-MSD1)		**Source: 5J31002-01**		Prepared: 11/03/05 Analyzed: 11/04/05						
Benzene	1.13	0.0250	mg/kg dry	1.32	ND	85.6	80-120	6.01	20	
Toluene	1.17	0.0250	"	1.32	ND	88.6	80-120	6.66	20	
Ethylbenzene	1.19	0.0250	"	1.32	ND	90.2	80-120	5.71	20	
Xylene (p/m)	2.30	0.0250	"	2.63	ND	87.5	80-120	8.64	20	
Xylene (o)	1.22	0.0250	"	1.32	ND	92.4	80-120	6.39	20	
Surrogate: a,a,a-Trifluorotoluene	*0.0362*		*"*	*0.0421*		*86.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0471*		*"*	*0.0421*		*112*	*80-120*			

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 EK50104 - General Preparation (Prep)										
Blank (EK50104-BLK1)				Prepared: 10/31/05 Analyzed: 11/01/05						
% Solids	100		%							
Duplicate (EK50104-DUP1)		Source: 5J28007-01		Prepared: 10/31/05 Analyzed: 11/01/05						
% Solids	80.3		%		78.3			2.52	20	
Batch EK50207 - Water Extraction										
Blank (EK50207-BLK1)				Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	ND	0.500	mg/kg							
LCS (EK50207-BS1)				Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	8.51		mg/L	10.0		85.1	80-120			
Calibration Check (EK50207-CCV1)				Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	8.44		mg/L	10.0		84.4	80-120			
Duplicate (EK50207-DUP1)		Source: 5J28003-23		Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	1640	20.0	mg/kg		1650			0.608	20	
Batch EK50208 - Water Extraction										
Blank (EK50208-BLK1)				Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	ND	0.500	mg/kg							
LCS (EK50208-BS1)				Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	8.40		mg/L	10.0		84.0	80-120			

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 EK50208 - Water Extraction										
Calibration Check (EK50208-CCV1)				Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	8.70		mg/L	10.0		87.0	80-120			
Duplicate (EK50208-DUP1)		**Source: 5J28009-15**		Prepared: 11/01/05 Analyzed: 11/02/05						
Chloride	73.6	5.00	mg/kg		73.6			0.00	20	

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K. Tuttle Date: 11-08-05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson

Date/Time: 10/28/05 3:05

Order #: 5J28009

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	3.6 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	ID on lid
Container labels legible and intact?	Yes	No	n/a
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:

CHAIN—OF—CUSTODY RECORD

LA Larson & Associates, Inc. Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy
SITE MANAGER: M. Larson
PROJECT NO.: /
PROJECT NAME: Eunice Plant
PAGE 1 OF 2
LAB. PO #

PARAMETERS/METHOD NUMBER

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH (8015) GRO + DRO	BTEX (8021B)	Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
10/27/05	1015		X		SP-1-1, 0-2.0'	1	✓	✓	✓	-01	5J28009
	1035				SP-1-2, 0-2.4'	1	✓		✓	-02	
	1045				SP-1-2, ~~4-4.5~~ 2-2.9'	1	✓		✓	-03	
	1100				SP-1-3, 0-2.5'	1	✓	✓	✓	-04	
	1110				SP-1-4, 0-2.3'	1	✓		✓	-05	
10/28/05	0815				SP-2-1, 0-2'	1	✓		✓	-06	
	0825				SP-2-1, 2-2.6'	1	✓		✓	-07	
	0922				SP-2, 4-6'	1	✓		✓	-08	
	0822				SP-2-1, 6-~~6.5~~ 2'	1	✓		✓	-09	
	0835				SP-2-2, 0-2'	1	✓		✓	-10	
	0838				SP-2-2, 2-2.2'	1	✓		✓	-11	
	0920				SP-3-1, 0-2'	1	✓		✓	-12	
	0925				SP-3-1, 2-2.6'	1	✓		✓	-13	
	0930				SP-3-2, 0-1.7'	1	✓		✓	-14	
	0940				SP-3-3, 0-2'	1	✓		✓	-15	
	0940				SP-3-3, 2-2.9'	1	✓		✓	-16	
	1030				SP-4-1, 0-1.5'	1	✓	✓	✓	-17	
	1040		↓		SP-4-2, 0-1'	1	✓	✓	✓	-18	

SAMPLED BY: (Signature) DATE: 10/28/05 TIME: 1132
RELINQUISHED BY: (Signature) DATE: 10/28 TIME: 1505
RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 10/28/05 TIME: 1245
RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
~~FEDEX~~ BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 12600 W. I-20 East
CITY: Odessa STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: 432 563-1800

RECEIVED BY: (Signature)
DATE: 10/28/05 TIME: 3:05

SAMPLE CONDITION WHEN RECEIVED: 3.6 no labels no seals

LA CONTACT PERSON: Mark Larson

SAMPLE TYPE: Soil

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: Dynegy

SITE MANAGER: Mark Larson

PROJECT NO.:

PROJECT NAME: Eunice Plant

PAGE 2 OF 2

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH (8015) GRO + DRO	BTEX (8021B)	Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
10/28/05	1050		X		SP-4-3, 0-1.7	1	✓	✓	✓	-19	
	1102				SP-4-4, 0-1.7	1	✓	✓	✓	-20	
	1113				SP-4-5, 0-2	1	✓	✓	✓	-21	
	1113				SP-4-5, 2-2.5	1	✓		✓	-22	
	1123				SP-4-6, 0-1	1	✓		✓	-23	
	1132				SP-4-7, 0-1.2	1	✓	✓	✓	-24	

PARAMETERS/METHOD NUMBER

SAMPLED BY: (Signature) DATE: 10/28/05 TIME: 1132

RELINQUISHED BY: (Signature) DATE: 10/28 TIME: 1505

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 10/28/05 TIME: 1245

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 12600 W I-20 E.
CITY: Odessa STATE: Tx ZIP: 79765
CONTACT: Kelsey Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature) Carie Kelly
DATE: 10/28/05 TIME: 3:05

SAMPLE CONDITION WHEN RECEIVED: 3.5 no labels no seals

LA CONTACT PERSON: Mark Larson

SAMPLE TYPE: Soil

LARSON & ASSOCIATES, INC.

P.O. Box 50685 ◆ Midland, Texas 79710-0685

Ph. (432) 687-0901

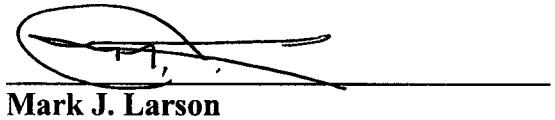
GROUND WATER DISCHARGE PLAN GW-005
SURFACE WASTE MANAGEMENT PLAN
EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Prepared for:

Targa Midstream Services, L.P.
Eunice Gas Plant
Chevron Road
Eunice, New Mexico 90234

Prepared by:
Larson and Associates, Inc.
507 North Marienfeld Street, Suite 202
Midland, Texas 79701
(432) 687-0901

March 15, 2006



Mark J. Larson
P.G., C.P.G., C.G.W.P.

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TARGA MIDSTREAM SERVICES, L.P.
EUNICE MIDDLE GAS PLANT
LEA COUNTY, NEW MEXICO

1.0 INTRODUCTION

This surface waste management plan ("SWMP") is submitted to the State of New Mexico Oil Conservation Division ("OCD") as an addendum to the ground water discharge plan (GW-005) for the Eunice Middle Gas Plant ("Facility") owned by Versado Gas Processors, L.L.C. (Versado") and operated by Targa Midstream Services, L.P. ("TMS"). The Facility is located about 0.75 miles south of Eunice, in Lea County, New Mexico. This SWMP is submitted for land farming soil contaminated by petroleum hydrocarbons and exempt under Subtitle C of the Resource Conservation and Recovery Act ("RCRA"). The surface waste management area will only accept waste generated by the Facility and TMS field operations.

2.0 OPERATOR

TMS will operate the surface waste management area, whose address is as follows:

Operator:	Targa Midstream Services, L.P.
Facility Name:	Eunice Middle Gas Plant
Address:	¾ Mile South on 4th Street
	Eunice, New Mexico 88231
Contact:	James Lingnau, Area Manager
Telephone:	(505) 394-2534
Email:	JLingnau@targaresources.com

3.0 LOCATION

The Facility is located about 0.75 miles south of Eunice, New Mexico and occupies approximately 160-acres in the northeast quarter ("NE/4"), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico. The surface waste management area is located near the southeast corner of the Facility. Figure 1 presents a location and topographic map. Figure 2 presents a Facility drawing.

Driving directions to the Facility from Eunice, New Mexico is as follows:

- Beginning at the intersection of Main Street (Loop 208) and Texas Avenue (New Mexico State Highway #234), proceed east on Texas Avenue for approximately 0.5-miles to 4th Street. Proceed south on 4th Street approximately 0.75 miles to the Facility. The surface waste management area is located near the southeast corner of the Facility.

4.0 EXPANSION REQUEST

This SWMP is for new construction, and not an expansion request.

5.0 OWNERSHIP

Versado owns the Facility and approximately 160 acres in the NE/4, Section 3, Township 22 South, Range 37 East, Lea County, New Mexico. Adjoining landowners are as follows:

Landowner	Legal Description
Eva Owen and Mark Owen Estate	NW/4, Section 3, Township 22 South, Range 7 East, S/2, Section 34 and S/2, Section 35, Township 21 South, Range 37 East
R. L. Brunson	SE/4 and SW/4, Section 3, Township 22 South, Range 37 East
State of New Mexico	NW/4 and SW/4, Section 2, Township 22 South, Range 37 East

Figure 3 presents a land ownership drawing.

6.0 DESCRIPTION

The surface waste management is located near the southeast corner of the Facility, which is secured by a perimeter fence and manned 24-hours. A sign is posted at the entrance to the Facility on 4th Street. The surface waste management area consists of three (3) cells, which has a collective capacity of approximately 7,200 cubic yards, assuming waste placement in 12-inch lifts. The surface waste management area will only accept soil contaminated by petroleum hydrocarbons from remediation of spills, releases and pits at the Facility and field operations and will use landfarming techniques to remediate the soil. The soil is considered non-hazardous and exempt from regulation under Subtitle C of RCRA. No public roads border the surface waste management area and access is gained from a service road that at the Facility entrance, located on the north side of the Facility. A 100-foot buffer zone will separate each cell from the Facility perimeter fence and a 20-foot buffer zone will be established on either side of pipelines in the

treatment cells. No waste will be placed inside the buffer zones. Each cell will be subdivided (i.e., A, B, C, D, etc.) for waste tracking. Figure 2 presents a drawing showing proposed treatment cells and buffer zones.

7.0 CONSTRUCTION

Three (3) cells will comprised the surface waste management area and will be constructed near the southeast corner of the Facility. Cell #1 is located west of the flare and entails approximately 1.35 acres. Cell #2 is located west of cell #1 and entails approximately 0.5 acres. Cell #3 is located northeast of Cell #1 and entails approximately 2.6 acres. Figure 2 presents the cell locations.

A buffer zone approximately 100 feet in width will separate cells from the Facility perimeter fence. A buffer zone approximately 20 feet in width will be established on either side of pipelines that may be present at the cells. Pipelines are present near the north, east and west sides of Cell #1 and west and north sides of Cell #2. No pipelines are apparent at Cell #3. Figure 2 presents the buffer zones.

Each cell will be surrounded by a perimeter berm approximately 2 feet high and 4 feet wide at the base to prevent precipitation runoff and runon.

8.0 OPERATION

The surface waste management area will be operated by TMS as to not adversely impact groundwater, surface water, public health or the environment and will involve the following:

a) All contaminated soil received at the surface waste management area will be spread and disked within 72 hours of receipt;

b) All contaminated soil will be spread on the surface in single lifts no greater than 12-inches thick, and disked monthly to enhance biodegradation;

c) No mixing of exempt and nonexempt waste will be allowed;

d) A new lift of contaminated soil will not be spread over an existing lift of soil until the concentrations of total petroleum hydrocarbons ("TPH") is no greater than 100 milligrams per kilogram ("mg/Kg"), benzene is less than 10 mg/Kg and total BTEX (sum of benzene, toluene, ethyl benzene and xylene) is less than 50 mg/Kg in the existing lift;

e) Laboratory reports, sample locations and records of waste tracking will be maintained at the Facility;

f) Authorization will be obtained from OCD prior to applying successive lifts where soils meet the above-referenced criteria;

g) Moisture will only be added to enhance bioremediation or to control dust when necessary. Any pooling of water following precipitation will be removed within 72 hours of discovery;

h) Enhanced bio-remediation through addition of microbes or fertilizers is not anticipated at the surface waste management area;

i) No free liquid or soil containing free liquid will be accepted at the surface waste management area;

j) Comprehensive records of all material brought to the surface waste management area will be maintained. The records for each load will include: 1) generator name, 2) the origin (location), 3) date received, 4) quantity, 5) certification of exempt status or analysis for hazardous constituents if non-exempt, 6) exact cell number/location where soil disposed and any addition of moisture, etc; and

k) Form C-117 will be filed with the OCD before any basic sediment or miscellaneous hydrocarbons are accepted at the surface waste management area.

9.0 MONITORING

A minimum of one (1) background soil sample will be collected from each cell between approximately 2 to 3 feet below native ground surface ("ngs") prior to placement of waste in the cell. The samples will be collected using industry-accepted methods, submitted under chain of custody control and preservation to an environmental laboratory and analyzed for TPH, cations, anions, benzene, toluene, ethyl benzene, xylene ("BTEX"), and metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) using OCD approved methods.

Soil samples will be collected from four (4) locations in the treatment zone (i.e., approximately 2 to 3 feet below ngs) of each active cell within six (6)

months after initial placement of waste in the cell, and every six (6) months, thereafter. The samples will be analyzed for TPH and BTEX. The samples will also be analyzed once annually for metals, anions and cations. Samples of contaminated (i.e., tilled) soil will be collected concurrent with the treatment zone samples and analyzed for BTEX and TPH. The treatment zone and tilled samples will be collected using an industry-approved method that minimizes cross-contamination between the contaminated soil and treatment zone. Sampling equipment will be decontaminated between uses and sample hole will be filled with bentonite. The laboratory reports will be included in an annual report, which will be submitted to OCD within 45-days after receipt of the laboratory report from the second (2^{nd}) semi-annual event.

10.0 SPILL REPORTING

The surface waste management area will be operated in accordance with *spill reporting and response requirements of the ground water discharge plan* (GW-005).

11.0 INSPECTION, MAINTENANCE AND REPORTING

The cells and berms will be inspected frequently, and any required repairs or maintenance will be performed immediately. Records including the date and time of inspection and any repairs will be maintained in a bound field book. The perimeter berm height will be 24 inches and maintained all around the cells at all times to prevent runoff or run-on. The cells and berms will be inspected following any significant rain or wind event. Water may be added to the cells and berms during dry and windy periods to prevent wind drift.

Comprehensive records of all materials accepted at the waste management area will be documented and logged as described in Section 8.0. Monitoring of the treatment zone will be performed within six (6) months following initial placement of waste in cells and every six (6) months, thereafter, as discussed in section 9.0. An annual report will be submitted to OCD that includes discussions of any significant repairs and laboratory results of treatment zone and contaminated soil samples.

12.0 CLOSURE PLAN

OCD will be notified within one (1) month of cessation of operation of the surface waste management area. No new material will be introduced into the surface waste management area, and existing soil will be remediated to the permit requirements. The surface waste management area will be seeded with natural grasses and allowed to return to its natural state.

Six (6) months following cessation of disposal operations, TMS will complete cleanup and restoration of the surface waste management area within the next six (6) months, unless an extension is granted by the OCD. The estimated cost for closure is $7,500.00.

13.0 CHARACTERISTICS

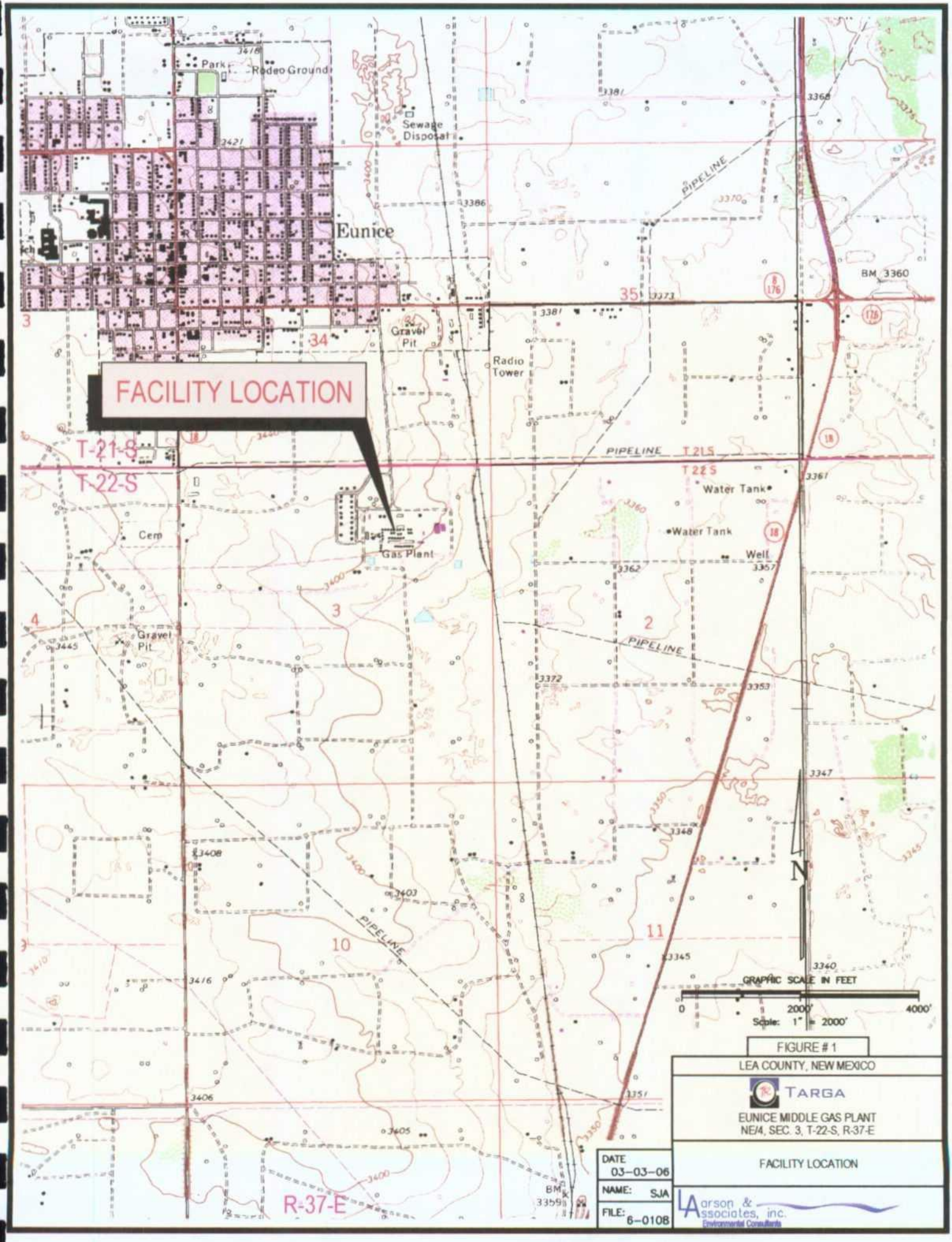
The approximate ground surface elevation at the surface waste management area is 3,390 feet above mean sea level ("MSL") and the topography slopes to the southeast. Ground water occurs between approximately 35 and 45 feet below ground surface ("bgs") and flows to the southeast. The nearest water well is located in the NE/4, NE/4, Section 15, Township 24 South, Range 36 East, Lea County, New Mexico and no wells exist within 1-mile of the Facility.

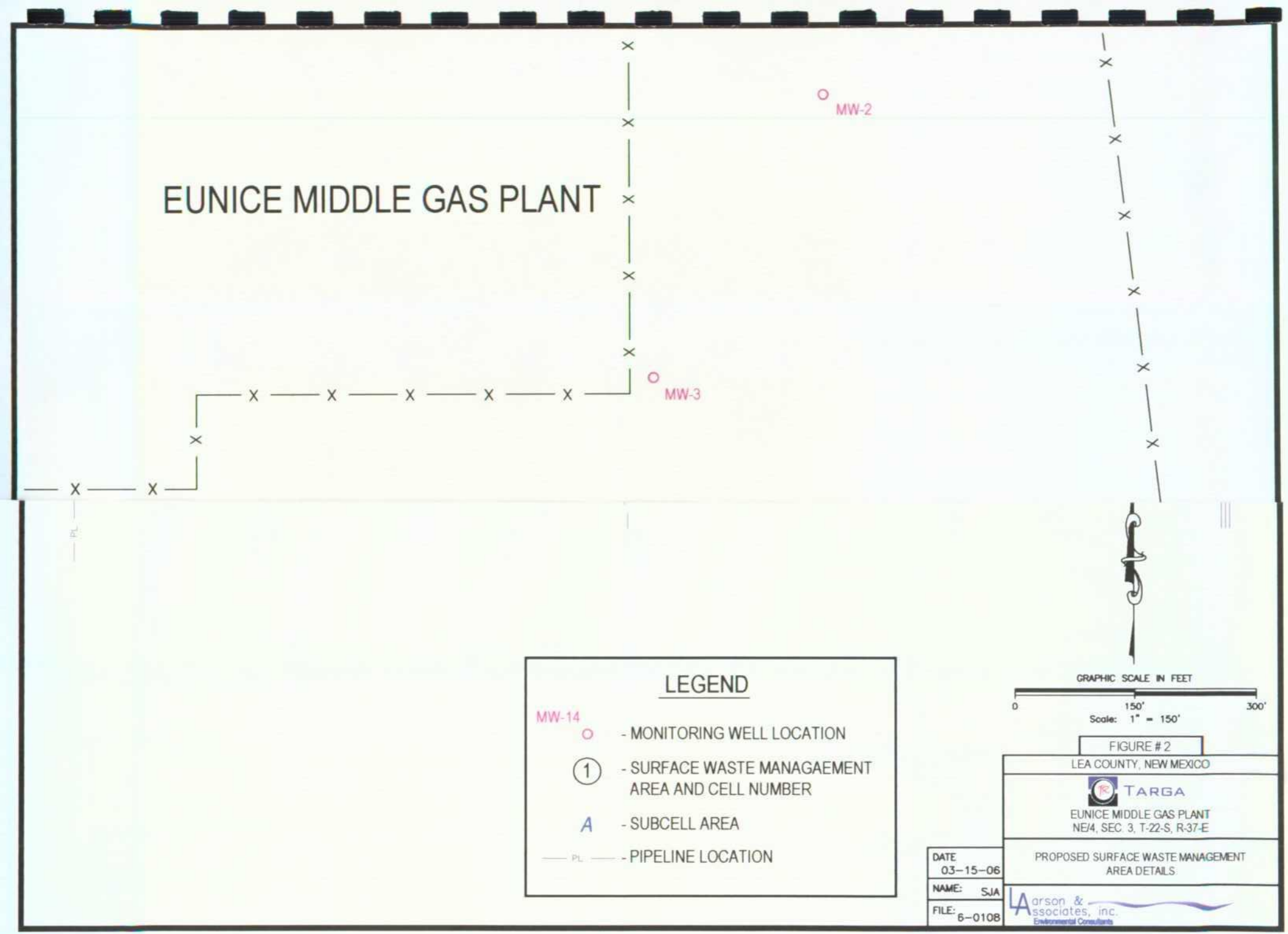
Monitoring wells are present and include well MW-4, which is located hydraulically up gradient (northwest) of cell #3. Monitoring well MW-14 is located hydraulically down gradient (southeast) of Cell #1 and Cell #2. Chloride in ground water samples from wells MW-4 and MW-14 has ranged from approximately 691 milligrams per liter ("mg/L") to 25,500 mg/L, respectively. Total dissolved solids ("TDS") in ground water samples from wells MW-4 and MW-14 has ranged from approximately 4,820 mg/L to 43,600 mg/L, respectively.

140 HYDROGEN SULFIDE

The requirement for an H_2S contingency plan is not applicable since H_2S will not be generated at the surface waste management area.

FIGURES


FACILITY LOCATION
Eunice
Park
Rodeo Ground
Sewage Disposal
Gravel Pit
Radio Tower
Gas Plant
Cem
Water Tank
Water Tank
Well
BM 3360
BM 3359
PIPELINE
PIPELINE
PIPELINE
PIPELINE
T-21-S
T-22-S
T 22 S
T 21 S
R-37-E
35
34
3
4
2
10
11
N
GRAPHIC SCALE IN FEET
0
2000'
4000'
Scale: 1" = 2000'
FIGURE # 1
LEA COUNTY, NEW MEXICO
TARGA
EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E
FACILITY LOCATION
DATE 03-03-06
NAME: SJA
FILE: 6-0108
Larson & Associates, inc.
Environmental Consultants


EUNICE MIDDLE GAS PLANT
MW-2
MW-3
PL
LEGEND
MW-14
- MONITORING WELL LOCATION
1
- SURFACE WASTE MANAGAEMENT AREA AND CELL NUMBER
A
- SUBCELL AREA
PL
- PIPELINE LOCATION
GRAPHIC SCALE IN FEET
0
150'
300'
Scale: 1" = 150'
FIGURE # 2
LEA COUNTY, NEW MEXICO
TARGA
EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E
PROPOSED SURFACE WASTE MANAGEMENT AREA DETAILS
DATE 03-15-06
NAME: SJA
FILE: 6-0108
Larson & Associates, inc.
Environmental Consultants

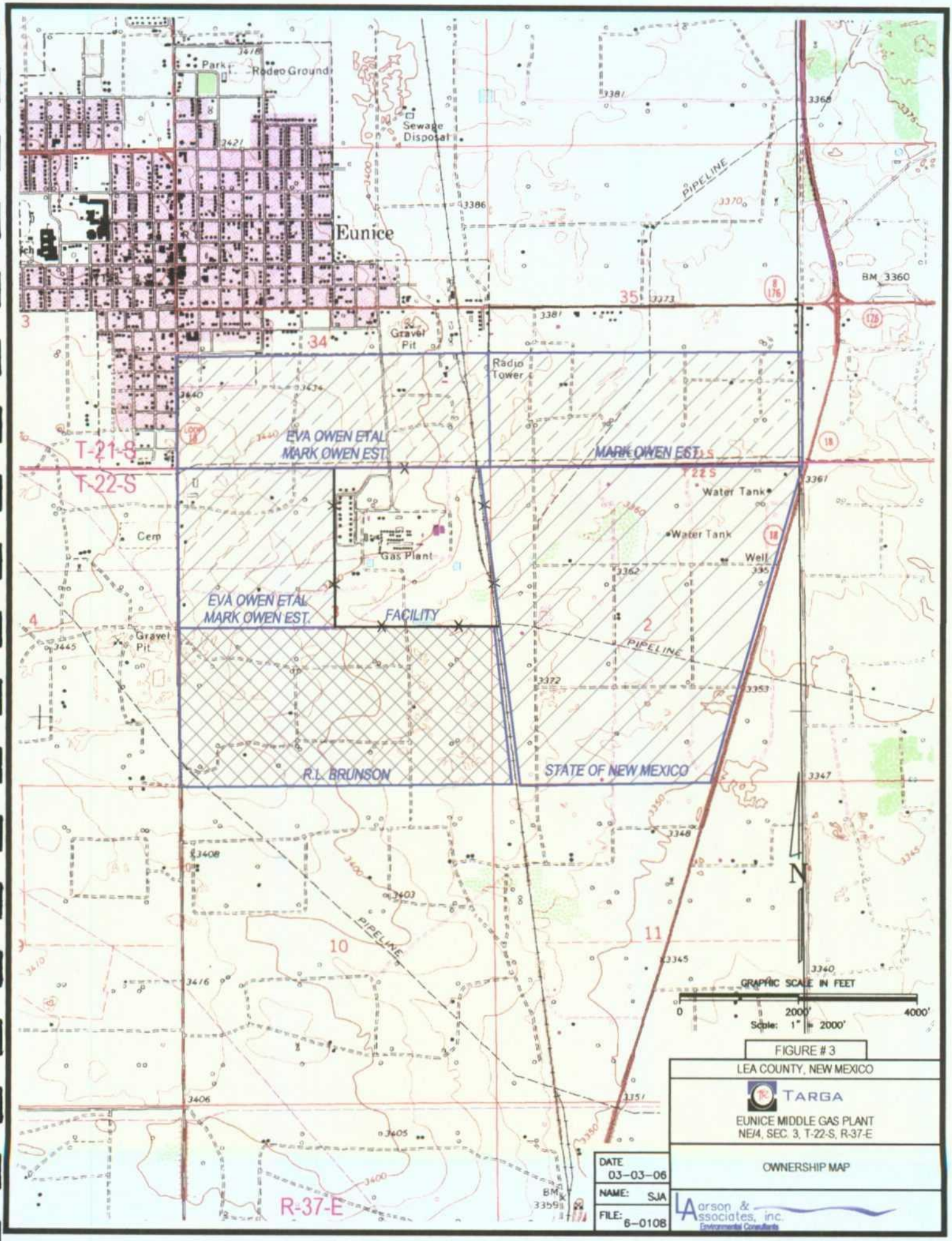


FIGURE # 3

LEA COUNTY, NEW MEXICO

TARGA

EUNICE MIDDLE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-E

OWNERSHIP MAP

DATE 03-03-06

NAME: SJA

FILE: 6-0108

Larson & Associates, inc.
Environmental Consultants

LARSON & ASSOCIATES, INC.

P.O. Box 50685 ◆ Midland, Texas 79710-0685

Ph: (432) 687-0901

Larson & Associates, Inc.
Environmental Consultants

July 27, 2001

Mr. Wayne Price
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Groundwater Discharge Plan Renewal, Dynegy Midstream Services, L.P., Eunice Gas Plant (GW-005), NW/4, NE/4, Section 3, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:
Dynegy Midstream Services, L.P. (Dynegy) has retained Larson & Associates, Inc. (LA) to prepare responses to items identified by the New Mexico Oil Conservation Division (NMOCD) during its inspections of the Eunice Gas Plant (Facility) on November 21, 2000. The inspection was performed in conjunction with renewal of the Facility's groundwater discharge plan (GW-005). The Facility is located in the northwest quarter (NW/4) of the northeast quarter (NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico. Figure 1 presents a Facility location and topographic map.

On April 6, 2001, the NMOCD issued Dynegy a letter specifying conditions for approval of the groundwater discharge plan renewal. Dynegy requested LA to prepare responses to two items for submittal to the NMOCD by July 31, 2001. Appendix A presents NMOCD correspondence. The items addressed by LA include:

Item 14 C Area east of plant (see remaining pictures). Dynegy shall submit results of the soil investigation conducted in this area by April 30, 2001 (Section 1.0).

Item 15 Submit a stormwater run-off plan for OCD by July 31, 2001 (Section 4.0).

Responses for each of these items are addressed below.

1.0 AREA EAST OF PLANT

On April 26, 2001, LA prepared a report titled, "Report of Investigation for Alleged Chromium Impact, Dynegy Midstream Services, L.P., Eunice Middle Gas Plant, NE/4, NE/4, Section 3, Township 22 South, Range 37 East, Lea County, New Mexico" that was submitted to the NMOCD addressing possible chromium contamination in soil on the east side of the Facility. The investigation was performed in accordance with a work plan submitted to the NMOCD on December 18, 2000, and approved February 7, 2001.

2.0 STORM WATER MANAGEMENT PLAN

Dynegy has developed a comprehensive Spill Prevention Control and Countermeasure (SPCC) Plan that has been incorporated into the groundwater discharge plan as an appendix. The SPCC plan provides mechanisms to prevent potential non-point source discharges of materials used or wastes generated at the Facility, as well as manage storm water. Secondary containment structures have been constructed to collect storm water, and prevent accidental discharge of

materials used or wastes generated at the Facility. The capacities of secondary containment structures have generally been designed to impound the capacity of the largest tank plus rainfall from a 25-year, 24-hour storm event. Secondary containment structures of earthen, concrete or fiberglass materials are present at potential source areas to collect and store leaks, drips, spills and storm water. Secondary containment structures are present at the following potential sources:

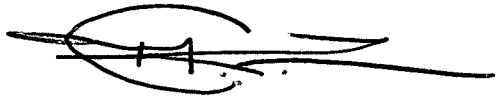
- Slop oil tanks;
- Amine storage tank;
- Sulfuric acid storage tank
- Lube oil and antifreeze storage tanks;
- Diesel and gasoline storage tanks; and
- Solvent 140 storage tank.

Storm water runoff generally follows the slope of the topography, and flows to the south. Dynegy proposes to construct a storm water retention berm along the down gradient (south) side of the Facility. The earthen berm will be approximately 18 inches in height, and will extend along the south side of the Facility at the approximate location shown in Figure 2. Appendix B presents photographs of the proposed location for the storm water retention berm. Dynegy will submit a letter and photograph to the NMOCD to document installation of the berm once the project is completed.

According to the SPCC Plan, any oil or product present on storm water at the collection area or secondary containment structures is absorbed with booms or other similar equipment, and returned to the Facility. Storm water is allowed to evaporate or is drained, unless hydrocarbons are present. Storm water containing hydrocarbons, based on visual identification of a sheen or floating layer, is picked up with a vacuum truck and disposed in a permitted well.

Please contact Mr. Cal Wrangham at (915) 688-0555 or myself at (915) 687-0901 if you have questions.

Sincerely
Larson and Associates, Inc.

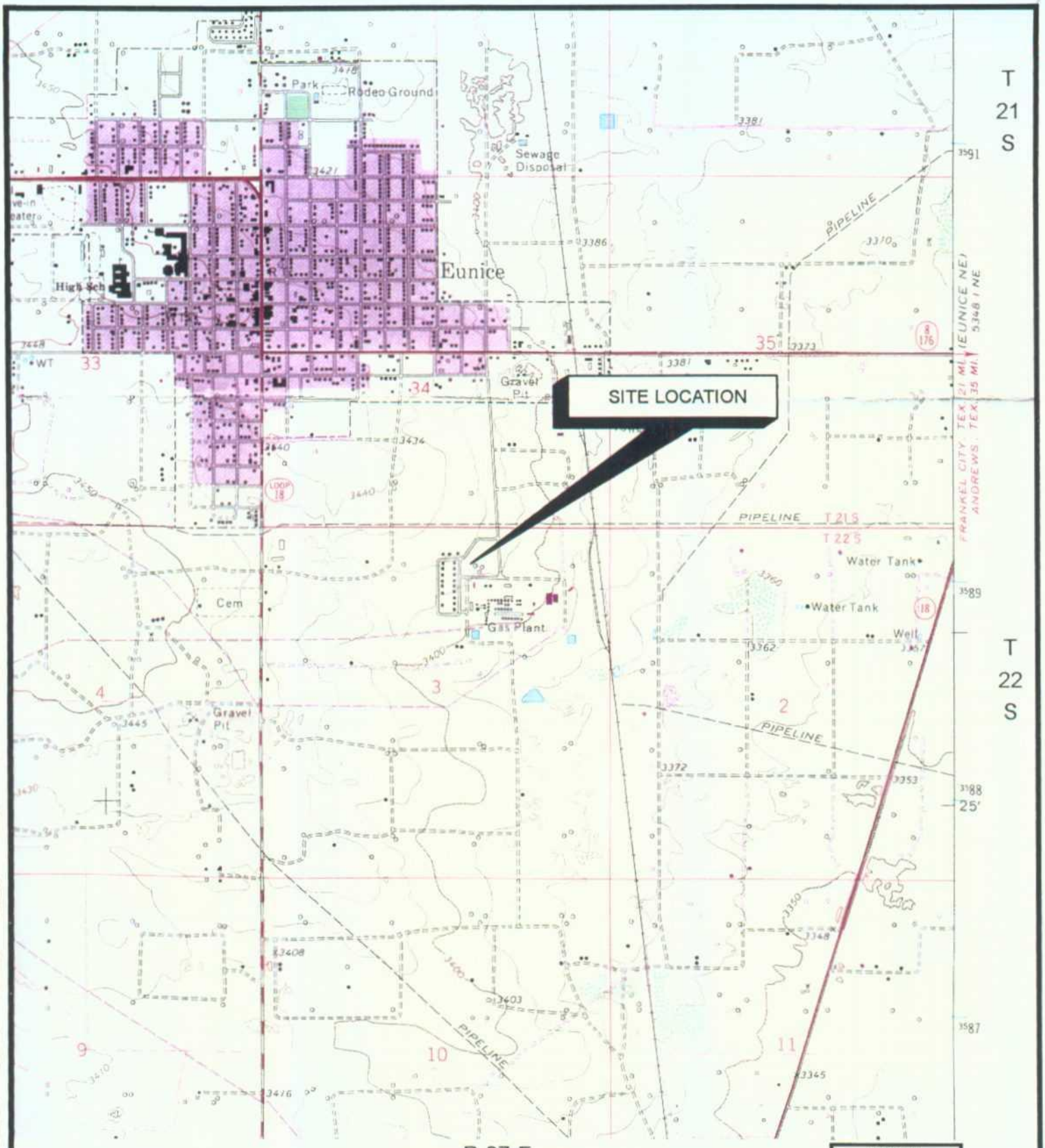


Mark J. Larson, CGP, CGWP
President

Encl.

cc: Cal Wrangham – Dynegy, Midland, Texas
James Lingnau – Dynegy, Eunice, New Mexico
Chris Williams – NMOCD, District 1, Hobbs, New Mexico

FIGURES



TAKEN FROM U.S.G.S.
EUNICE, NEW MEXICO 1979
7.5' QUADRANGLES

SCALE: 1"=2000'

FIGURE #1

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICES, L.P.
EUNICE GAS PLANT
NE/4, SEC. 3, T-22-S, R-37-3

TOPOGRAPHIC MAP

DATE: 7/25/01
NAME:
FILE: 01-0110

Larson & Associates, Inc.
Environmental Consultants

DRAIN

DRAIN

DRAIN

PROPOSED STORMWATER RETENTION BERM

FLARE

FLARE

FIGURE #2

LEA COUNTY, NEW MEXICO

DYNEGY MIDSTREAM SERVICE L.P.

EUNICE GAS PLANT

NE/4, SEC. 3, T -22-S, R-37-E

SITE DRAWING

DATE: 07/25/01

NAME:

FILE: 01-0110

Larson & Associates, Inc.
Environmental Consultants

APPENDIX A

NMOCD Correspondence

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

April 06, 2001

CERTIFIED MAIL
RETURN RECEIPT NO. 3771 7224

Mr. Cal Wrangham
Dynegy Midstream Services, L.P.
6 Desta Drive Suite 3300
Midland, Texas 79705

RE: Discharge Plan Renewal GW-005
Dynegy Midstream Services, L.P.
Eunice-Middle Gas Plant
Lea County, New Mexico

Dear Mr. Wrangham:

The groundwater discharge plan renewal GW-005 for the Dynegy Midstream Services, L.P. Eunice-Middle Gas Plant located in the NE/4 and of Section 3, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter.**

The original discharge plan application was submitted on October 27, 1980 and approved on May 16, 1981 with an expiration date of May 16, 1986. The discharge plan renewal application dated November 07, 2000 including attachments, submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations also includes all earlier applications and all conditions later placed on those approvals.

The discharge plan is renewed pursuant to Section 3109.C. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Dynegy Midstream Services, L.P. of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve Dynegy Midstream Services, L.P. of its responsibility to comply with any other governmental authority's rules and regulations.

Please be advised that all exposed pits, including lined pits and open top tanks (exceeding 16 feet in diameter) shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104. of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Dynegy Midstream Services, L.P. is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.H.4., this approval is for a period of five years. **This approval will expire May 16, 2006** and an application for renewal should be submitted in ample time before that date. Pursuant to Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved.

The discharge plan application for the Dynegy Midstream Services, L.P.. Eunice-Middle Gas Plant is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $100.00 ($50.00 if filed before January 15, 2001) plus a flat fee of $4000.00 for natural gas processing plants. The OCD has not received the $4000.00 flat fee. The flat fee of may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval and subsequent installments due on this date of each calendar year.

Please make all checks payable to: Water Quality Management Fund
C/o: Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505.

If you have any questions, please contact Wayne Price of my staff at (505-476-3487). On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/lwp
Attachment-2
Xc: OCD Hobbs Office

ATTACHMENT TO THE DISCHARGE PLAN GW-005 APPROVAL
Dynegy Midstream Services, L.P., Eunice-Middle Gas Plant
DISCHARGE PLAN APPROVAL CONDITIONS
April 06, 2001

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been received by the OCD. There is a required flat fee of $4000.00 for natural gas processing plants. The flat fee required for this facility may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval.

2. Commitments: Dynegy Midstream Services, L.P. will abide by all commitments submitted in the discharge plan renewal application dated November 07, 2000 including attachments, and these conditions for approval.

3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets must also be stored on an impermeable pad with curbing.

4. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

5. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.

6. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

7. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

8. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must be tested to demonstrate their mechanical integrity no later than June 15, 2001 and every year from tested date, thereafter. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing. The test results will be submitted to OCD by July 31, 2001.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than June15, 2001 and every 5 years, from tested date, thereafter. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing. The test results will be submitted to OCD by July 31, 2001.

10. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

11. Housekeeping: All systems designed for spill collection/prevention, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery.

12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116. And WQCC 1203. to the OCD Hobbs District Office.

13. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.

14. OCD Inspections: Additional requirements may be placed on the facility based upon results from OCD inspections. As a result of OCD's inspection conducted on November 21, 2001 (report copy enclosed) the following actions are required:

A. The main engine basement was full of oil and water. Dynegy shall include this sump in the annual sump testing as required pursuant to Item 8. of these approval conditions.

B. The following process areas were noted to have discharges to the surface:
   1. Pipeline pump area (see pic#2 in inspection report).
   2. Engine #13A (see pic#3 in inspection report).
   3. Engine Room #20 (see pic#4 in inspection report).
   4. Class II SWD disposal well area filter screen drain sump (see pic#5 in inspection report).

   Dynegy shall submit an action plan for OCD approval by July 31, 2001 addressing the above deficiencies.

C. Area east of plant (see remaining pictures). Dynegy shall submit results of the soil investigation conducted in this area by April 30, 2001.

15. Storm Water Plan: Dynegy Midstream Services, L.P. will submit a stormwater run-off plan for OCD approval by July 31, 2001.

16. Vadose Zone and Water Pollution: The previously submitted investigation and remediation plans were submitted pursuant to the discharge plan and all future discoveries of contamination will be addressed through the discharge plan process.

17. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

18. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

19. Certification: **Dynegy Midstream Services, L.P.** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Dynegy Midstream Services, L.P.** further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Conditions accepted by: **Dynegy Midstream Services, L.P.**

Clark White
Company Representative- print name

Clark White Date 4/9/01
Company Representative- Sign

Title V.P. Region Manager

APPENDIX B

Photographs

DYNEGY MIDSTREAM SERVICES, L.P.
EUNICE GAS PLANT
GROUNDWATER DISCHARGE PLAN RENEWAL

1. Proposed Storm Water Retention Berm Area – Southeast Side of Facility

2. Proposed Storm Water Retention Berm Area – Southwest Side of Facility

3. Proposed Storm Water Retention Berm Area – South Side of Facility

LARSON & ASSOCIATES, INC.
P. O. Box 50685 ◆ Midland, Texas 79710-0685
Ph. (915) 687-0901

SECTION VIII

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

Warren Petroleum Eunice Plant personnel will follow the SPCC guidelines on spill/leak reporting for the Eunice facility. These guidelines will conform to the Water Quality Control Commission Section 1203 and to NMOCD Rule 116 for spill/leak reporting.

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

CONTENTS

PART I
GENERAL INFORMATION

1. Name of Facility: Eunice Plant
2. Type of Facility: Onshore Gas Processing Facility
3. Location of Facility: One and one half miles S. W. of city
   PO Box 1909 Eunice, New Mexico 88231 Lea County

4. Name and address of Owner or Operator:

Name: Warren Petroleum Company, L. P.
Address: 13430 Northwest Freeway
Suite 1200
Houston, Texas 77040

5. Designated person accountable for oil spill prevention at facility:
   Name and title: Bill E. Hobbs Plant, Superintendent

6. Facility experienced a reportable oil spill event during the twelve months prior to January 10, 1974, (Effective date of 40 CFR. Part 112). If yes, complete Attachment #1) **NO**

MANAGEMENT APPROVAL

This SPCC Plan will be implemented as herein described.

Signature: B E Hobbs
Name: Bill E. Hobbs
Title: Plant Superintendent

CERTIFICATION

I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices.

Scott T. Wilson
Printed Name of Registered Professional Engineer
Signature of Registered Professional Engineer Scott T Wilson
(Seal)
Date 8/11/97 Registration No. 9113 State New Mexico

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

PART II. SPILL PREVENTION

Major Equipment Failure Prediction

There are a number of different equipment failures which could result in the release of oil or other substances. Equipment for which a spill potential exists for the release of oil or other substances is summarized in Table I, showing the nature of the equipment failure.

Precautionary Measures

The major equipment failure scenarios have been identified and assessed. Raw mix spillage will vaporize at atmospheric pressure. Containment structures are in place for some of the other materials stored at the facility. Management does commit manpower and equipment to the prevention, control and cleanup of any spill that occurs.

A plot plan has been used as an additional tool in mapping out the various materials stored at the facility. A copy of this plot plan may be found in Appendix "B", as referenced in the Spill Contingency Plan.

Storage Tank Design

All storage tanks have been built in accordance with industry standards at the time of their construction. This includes general structure, compatibility of materials used in construction and materials to be contained, and support structures and operating parameters, such as temperature and pressure.

All storage tanks have been provided with adequately sized and rated pressure relief systems to prevent accidental overpressure.

Storage Tank Overfill

All tanks, while being filled, are monitored locally to ensure that overfill doesn't occur.

Facility Truck Loading/Unloading Docks

All loading/unloading procedures meet the minimum requirements and regulations of the Department of Transportation. Drains and outlets on tank trucks are checked for leakage before loading/unloading or departure.

The use of additional preventive systems, such as containment structures and diversionary structures, is unnecessary for product, and propane storage, as vaporization will occur at atmospheric pressure. No containment or diversionary structures are in place at the lube oil or methanol storage areas. Since all lines in the facility, including those on the loading rack docks, are inspected regularly to assure line integrity and since all other associated pipe system components (loading arms, valves, etc.) are visually inspected regularly (including loading/unloading operations) by the operator, further protective systems and equipment are not necessary within the scope of this SPCC Plan.

In the unlikely event of a line rupture or any other possible release from the facility property, the Spill Contingency Plan will be activated for expedient assessment, containment and cleanup of the spill. This plan is located in Appendix "A". The required "Commitment of Manpower" by Management for the Spill Contingency Plan is located in Part 1. General Information of the SPCC Plan under "Management Approval".

Inspections

In order to ensure that storage tank and piping system integrity is maintained, regular visual inspections are conducted, as well as periodic nondestructive thickness testing (ultrasonic).

Visual inspections shall be conducted in areas surrounding the storage tanks at least daily and more frequently as time permits.

For a more detailed guideline of the inspection procedures and records of such inspections and tests, refer to Appendix "C".

Facility Security

The facility property is secured with a chain link fence along the perimeter of the property. The front entrance gate is locked when the facility is unattended. All valves are within the fences of facility yard. The facility property is adequately illuminated to detect any discharges, releases, or acts of vandalism during non-daylight hours.

Personnel Training

All employees, as part of their formal instruction, are trained in the proper operation and maintenance of equipment, as it pertains to their position, to prevent discharges of oil or other substances to the ground and navigable water courses. As part of their training, they are made aware of applicable pollution control laws, rules and regulations affecting the facility.

Ongoing training is conducted through spill prevention briefings, which are held on at least an annual basis. These briefings include a review of spills, SPCC Plan adequacies and deficiencies in response to past spills and recently developed precautionary measures for spill prevention or mitigation.

For more specifics and documentation of the training actually conducted, please refer to the Training Section of the Central Environmental Filing System located in the office building.

TABLE I. SPILL PREDICTION

Equipment	Major Type of Failure	Contents	Capacity (Barrels)	Flow Rate (bbls/hr)	Flow Direction
		T A N K S			
1	Leak	Slop/Drip	500	50	S.E.
2	Leak	Slop/Drip	500	50	S.E.
3	Leak	Slop/Drip	500	50	S.E.
4	Leak	Lube Oil	315	30	S.E.
5	Leak	Lube Oil	283	30	S.E.
6	Leak	MEA	80	20	S.E.
7	Rupture	Demethanized Product	700	250	Vapor
8	Leak	Methanol	200	50	S.E.
9	Rupture	Propane	240	240	Vapor
10	Leak	Acid	30	15	S.E.
11	Leak	Boiler Treatment	76	8	S.E.
12	Leak	Cooling Tower Treatment	29	5	S.E.

WARREN PETROLEUM COMPANY

SPILL CONTINGENCY PLAN

EUNICE PLANT

EUNICE, NEW MEXICO

SPILL CONTINGENCY PLAN

CONTENTS

List of Tables

SPILL CONTINGENCY PLAN

PURPOSE AND SCOPE

Purpose

The purpose of this Spill Contingency Plan is to provide procedural guidance on containment and cleanup in order to mitigate or eliminate the effects of a spill which poses a threat of contaminating the waters of the United States and New Mexico. Management commits manpower and equipment to the prevention, control and cleanup of all spills.

Another purpose of this plan is to provide guidance in notifying (telephone and written) the proper federal, state and local agencies to fulfill reporting requirements set forth in federal and state regulations, such as CERCLA, RCRA, SARA Title III, CWA and State of New Mexico, Energy and Minerals Department, Rule 116.

Scope

The scope shall cover all spills which occur on the Eunice, New Mexico Facility property which is operated by Warren Petroleum Company.

SPILL CONTINGENCY PLAN

CONTAINMENT AND CLEANUP PROCEDURES

When a spill of any substance which is covered by the Spill Prevention Control and Countermeasure Plan occurs, a rapid response of the facility personnel to stop the substance flow to the spill area and to contain the spill is imperative in mitigating the impact on the environment and cleanup costs.

Once a spill has been discovered to have occurred, the following sequence of events should be carried out for containment and cleanup:

1. Identify and shutoff the source of discharge causing the spill (obtain help, if needed).

2. Determine which substance was spilled.

3. Notify the Plant Supervisor or Facility Manager of the spill. He will then notify appropriate personnel. See pages 4 through 7 of the Notification Procedure Section.

4. a. If the spill is small enough for Warren personnel to clean up, then obtain absorbent material, from the warehouse to clean up the spill.

   b. If the spill is beyond Warren's handling capabilities, the Facility Manager (or Supervisor in charge) will alert a qualified contractor for cleanup of the spill.

   c. The Facility Manager (or Supervisor in charge) will interface with the E.P.A. Investigator and will monitor the progress of the cleanup operation until the investigator has given his approval of adequacy of the cleanup.

SPILL CONTINGENCY PLAN

NOTIFICATION PROCEDURES

When the Spill Contingency Plan has been activated, it is necessary that the proper Warren personnel and governmental agencies are notified of the spill, its nature and extent.

There are two general types of notifications: internal and external. Internal refers to notifications within the facility, the company and the corporation. External refers to notifications to governmental agencies, contractors, media, etc. All non-supervisory personnel shall be responsible for notification internally, to the extent of notifying Eunice Plant personnel, especially the Facility Manager (or supervisor in charge). See Table III of this section for a list of supervisors and their telephone numbers.

Once the Facility Manager (or supervisor in charge) has been notified, he is responsible for all subsequent notification requirements, as outlined below:

1. Determine the spill size (gallonage) and area affected by the spill. From this, determine the "Spill Category" from Table I on page 3.

2. Report the spill to the appropriate agencies, by telephone, as outlined below.

   a. Major and Medium spills are to be reported to the appropriate agencies immediately.

   b. Minor spills are to be reported to the appropriate agencies as soon as possible (within 24 hours).

   c. All spills covered under the SPCC Plan shall be reported to the agencies listed in Table II on page 4.

d. Complete a copy of the "Agency Telephone Notification Form" in "Appendix E" for each agency contacted, noting all topics discussed in the conversation and incorporate in the subsequent written report.

e. Notify Environmental Affairs in Tulsa of the incident for assistance.

3. Follow-up the telephone notification with a written report, as outlined below:

a. All incidents which trigger this Spill Contingency Plan shall be reported to Environmental Affairs in Tulsa, as soon as possible, as shown in Table II, on page 4, of these procedures.

b. If a written report is required by any agency, Environmental Affairs shall give assistance in determining what the reporting requirements are, and shall review and submit the report to the appropriate agencie(s).

c. As a minimum reporting requirement, a written report shall be submitted to Environmental Affairs describing the incident in its entirety.

d. All spills, regardless of size, shall be documented in the form of a written report and submitted to the Environmental File System (File VI.A.4) for a minimum of three (3) years.

e. If a spill is to be reported to the EPA Regional Administrator, as outlined in Table II, it shall contain the following:

- Initial start-up date of the facility.
- Maximum storage or handling capacity and daily average throughput.

- Description of the facility, including process flows, plot plan and topographic map.
- Copy of the SPCC Plan.
- Cause of the spill(s).
- Corrective action(s) taken.
- Additional preventive measure(s) taken.

TABLE I. SPILL CATEGORIES

Spill Category	Spill Description
Major	10,000 gallons, or more, of oil into inland navigable water.
	100,000 gallons, or more, of oil into coastal navigable waters.
	Any quantity of a hazardous substance that poses a substantial threat to the public health or welfare.
Medium	1,000 - 10,000 gallons of oil into inland navigable waters.
	10,000 - 100,000 gallons of oil into coastal navigable water.
	Any quantity of a hazardous substance which exceeds its reportable quantity* (RQ).
Minor	1,000 gallons, or less, of oil into inland navigable waters.
	10,000 gallons, or less, of oil into coastal navigable waters.
	Any quantity of a hazardous substance which is below its reportable quantity* (RQ).

*Reportable Quantities (RQ) are located in Appendix "F".

NEW MEXICO - EUNICE PLANT

TABLE II. REPORTING REQUIREMENTS AND TELEPHONE NUMBERS

	QUANTITY RELEASED			CONTACTS												
				FEDERAL		STATE							LOCAL		CHEVRON	
SUBSTANCE	LAND	WATER	AIR	EPA	NRC	NMEID[10]	NMEID[11]	NMOCD[12]	NMCC[13]	NMEID[14]	NMOPS[15]	NMERC[16]	LEPC[17]	FD[18]	WPCEA[19]	CCC
Oil[3,9]	////////	Any[10]	////////	T,W	T[1]	T,W[2]		T,W								
	5 bbl	1 bbl	////////			T,W		T,W							W	
	////////	////////	1 bbl			T,W[8]	T,W	T,W							W	
CERCLA Hazardous[4]	////////	RQ[7]	////////		T	T,W		T,W							T,W	
	RQ[7]	////////	////////		T	T,W		T,W							T,W	
	////////	////////	RQ[7]		T		T,W	T,W							T,W	
RCRA Hazardous[5]	////////	RQ[7]	////////		T			T,W		T,W					T,W	
	RQ[7]	////////	////////		T			T,W		T,W					T,W	
SARA Hazardous[6]	////////	RQ[7]	////////		T			T,W			T,W	T,W	T,W	T	T,W	
	RQ[7]	////////	////////		T			T,W			T,W	T,W	T,W	T	T,W	
	////////	////////	RQ[7]		T		T,W	T,W			T,W	T,W	T,W	T	T,W	
Natural or Other Gas Pipeline	Any	Any	Any						T,W						T,W	

ACRONYM	DESCRIPTION	TELEPHONE NUMBERS DAYLIGHT	AFTER HOURS
EPA	Environmental Protection Agency - Region VI	(214) ~~655-2222~~	Same
NRC	National Response Center	(800) 424-8802	Same
NMEID[10]	New Mexico Environmental Improvement Div. Ground Water Bureau - Santa Fe	(505) 827-0188 or (505) 827-2915	(505) 827-9329
NMEID[11]	New Mexico Environmental Improvement Div. Air Quality Division - Santa Fe	(505) 827-0062	(505) 827-9329
NMOCD[12]	N.Mexico Energy, Minerals & Ntrl Resources Dept.-Oil Conservation Division - Santa Fe DISTRICT I - Hobbs	(505) 827-5800 and (505) 393-6161	(505)471-1068 & Same
NMCC[13]	New Mexico State Corporation Commission Pipeline Division - Santa Fe	(505)827-4176/4497 or(505) 827-4521 or(505) 827-4009 or(505) 827-4494	(505) 983-1810 (505) 473-1923 (505) 473-0717 (505) 892-2274
NMEID[14]	New Mexico Environmental Improvement Div. Hazardous Waste Bureau	(505) 827-2929	(505) 827-9329
NMOPS[15]	New Mexico Department of Public Safety Chemical Safety Bureau	(505) 827-9000	Same
NMERC[16]	New Mexico Emergency Response Commission	(505) 827-9222	Same
LEPC[17]	Local Emergency Planning Commission	(505) 397-9289	Same
FD[18]	Fire Department - Eunice	(505) 394-2112	Same
WPCEA[19]	Warren Petroleum Co.-Environmental Affairs Alternate Number	(918) 560-4119 (918) 560-4138	(918) 663-3397 (918) 492-5717
CCC	Chevron Corporate Compliance	(415) 894-6993	

NOTES:

1. Telephonic notifications are represented by "T" above.
2. Written notifications are represented by "W" above.
3. All petroleum based products, including LPG's, lube oil, gasoline, etc.
4. All substances found on the EPA list of CERCLA hazardous substances and reportable quantities.
5. All substances found on the EPA list of RCRA hazardous substances list or substances that are hazardous by characteristic (toxicity, reactivity, corrosivity and ignitability).
6. All substances found on the EPA list of SARA extremely hazardous substances.
7. Reportable Quantity - See Appendix "F".
8. Major Upset and Maintenance and Oil Spill Reporting - See Appendix "G".
9. Report 42 gallon oil spills for a single occurrence, or if two spills have occurred within a twelve (12) month period or a discharge of oil or other water contaminant whose quantity may, with reasonable probability injure or be detrimental to human health, animal or plant life, or property or unreasonably interfere with the public welfare or use of property. Written report to be submitted within seven (7) days to the appropriate agency.
12. Report any fire, break, leak, spill or blowout on Form NM-7.
19. Report on GO-140.

1639/06220/EUNICE SPCC RPT.REQ

EPA # change 214-665-2222

Oil:

Report any discharge from any facility of oil or other water contaminant whose quantity may, with reasonable probability, injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, as soon as possible after learning of such a discharge, but in no event more than 24 hours thereafter to:

New Mexico Health and Environment Department, Santa Fe
Environmental Improvement Division
Ground Water Bureau
(8 to 5) (505) 827-2915
(505) 827-0188
(24-hour) (505) 827-9329 (Alternate)

Notes:

1. Verbal reports shall include the following items:
   a. The name, address, and telephone number of the person or persons in charge of the facility, as well as of the owner and/or operator of the facility.
   b. The name and address of the facility.
   c. The date, time, location, and duration of the discharge.
   d. The source and cause of discharge.
   e. A description of the discharge, including its chemical composition.
   f. The estimated volume of the discharge.
   g. Any actions taken to mitigate immediate damage from the discharge.
2. Within one week after the discharger has learned of the discharge, the facility owner and/or operator shall send written notification verifying the prior oral notification as to each of the items in Note 1, providing any appropriate additions or corrections to:

   New Mexico Health and Environment Department
   Environmental Improvement Division
   Chief, Ground Water Bureau
   Harold Runnels Building
   1100 St. Francis Drive
   Santa Fe, NM 87503

Report any fire, break, leak, spill, or blowout at any injection or disposal facility or at any oil and gas drilling, producing, transporting, or processing facility to:

New Mexico Energy, Minerals and Natural Resources Department, Santa Fe
Oil Conservation Division
(8 to 5) (505) 827-5800

In addition, make **"immediate"** and/or **"subsequent"** notifications for any fire, break, leak, spill, or blowout to the appropriate district office (refer to notes for details and map for nearest district offices):

NM-1

NEW MEXICO

District	City	Numbers	Home
I	Hobbs	(505) 393-6161	(505) 393-6161
II	Artesia	(505) 748-1283	(505) 746-4126
III	Aztec	(505) 334-6178	(505) 334-2709
IV	Santa Fe	(505) 827-5810	(505) 471-1068

Notes:

1. **"Immediate notification"** shall be as soon as possible after discovery in person or by telephone to the appropriate district office or, if after business hours, to the district supervisor. Immediate notification to be followed by subsequent notification.
2. **"Subsequent notification"** shall be a complete written report of the incident in duplicate to the appropriate district office within 10 days after discovery of the incident.
3. Verbal or written reports shall include:
   a. Location of the incident by quarter-quarter, section, township, and range.
   b. Location by distance and direction from the nearest town or prominent landmark so that the exact site of the incident can be readily located on the ground.
   c. Nature and quantity of the loss.
   d. General conditions prevailing in the area to include precipitation, temperature, and soil conditions.
   e. Measures that have been taken and are being taken to remedy the situation.
4. Notifications shall be in accordance with the following:
   a. Well blowout—immediate notification.
   b. Major and minor breaks, spills or leaks; gas leaks and line breaks; tank fires; drilling pits, slush pits, storage pits and ponds:

Material	Quantity (bbls unless otherwise noted)	Water-course[1]	Notification
Crude Oil or Condensate	≥25	No	Immediate
	5<25	No	Subsequent
	≥1	Yes	Immediate
(Tank Fires)	≥25	—	Immediate
(Tank Fires)	5<25	—	Subsequent
(Endanger Life or Property)	Any Quantity	—	Immediate
Salt Water	≥100	No	Immediate
	≥25	Yes	Immediate
	25<100	No	Subsequent
(Endanger Life or Property)	Any Quantity	—	Immediate

Material	Quantity (bbls unless otherwise noted)	Water-course[1]	Notification
Gas			
(Endanger Life or Property)	Any Quantity	—	Immediate
(No Danger)	≥1000 MCF	—	Subsequent
Related Materials[2]			
(Endanger Life or Property)	Any Quantity	—	Immediate
—Drilling pits, slush pits, storage pits and ponds (Endanger Life or Property)	Any Quantity	—	Immediate
(No Danger)	Any Quantity	—	Subsequent

[1]Water course is defined as any lake bed or gully, draw, stream bed, wash, arroyo, or natural or man-made channel through which water flows or has flowed.

[2]Related materials include hydrocarbons, hydrocarbon waste or residue, strong caustics, strong acids or other deleterious chemicals or harmful contaminants.

5. The following notification form shall be submitted in duplicate to the appropriate district office within 10 days after discovery of the incident. This applies to both Immediate and Subsequent Notifications. Refer to the map for addresses.

6. If the discharge of oil or other water contaminant is in such quantity so that it may injure or be detrimental to humans, animal, or plant life, or property, or interfere with public welfare or property, any person in charge of the discharging facility shall immediately take appropriate and necessary steps to contain and remove or mitigate the damage caused by the discharge.

Report leaks from natural gas and other gas pipelines within 2 hours of discovery to:

New Mexico State Corporation Commission, Santa Fe
Pipeline Division

Office Numbers (8 to 5)	Home Numbers	
(505) 827-4176 or 4497	(505) 983-1810	(Rey S. Medina)
(505) 827-4521 (Alternate)	(505) 473-1923	(Albino O. Zuniga)
(505) 827-4009 (Alternate)	(505) 473-0717	(Ray Elliott)
(505) 827-4494 (Alternate)	(505) 892-2274	(Joe Johnson)

Hazardous Substances: Same as Oil.

Hazardous Wastes:

Report spills to:

New Mexico Health and Environment Department, Santa Fe
Environmental Improvement Division
Hazardous Waste Bureau
(8 to 5) (505) 827-2929
(24-hour) (505) 827-9329

Hazardous Materials:

Same as Oil.

Excess Air Emissions:

Report excess emissions within 24 hours or no later than the next working day to:

New Mexico Health and Environment Department, Santa Fe
Environmental Improvement Division
Air Quality Bureau
(8 to 5) (505) 827-0062
(24-hour) (505) 827-9329

Wastewater Excursions:

Same as Oil.

Underground Tank Leaks:

Report any known or suspected release from a UST system, any spill, or any other emergency situation within 24 hours to:

New Mexico Health and Environment Department, Santa Fe
Environmental Improvement Division
Hazardous Waste Bureau
(8 to 5) (505) 827-2894
(24-hour) (800) 827-9329 (Alternate)

Notes:

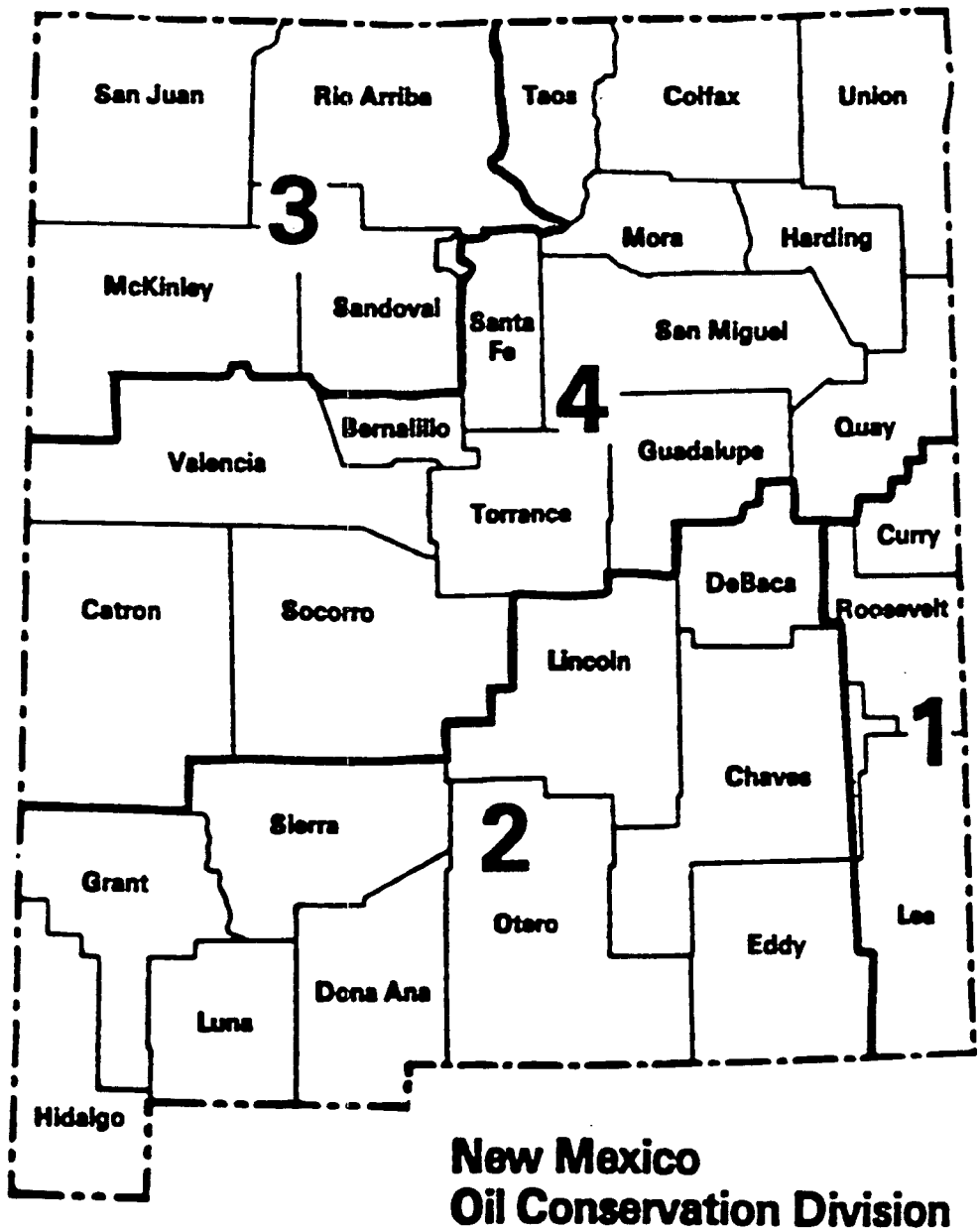
1. Verbal report shall include:
   a. The name, address, and telephone number of the agent in charge of the site at which the UST system is located, as well as of the owner and the operator of the system.
   b. The name and address of the site at which the UST system is located and the location of the UST system on that site.
   c. The date, time, location, and duration of the spill, release, or suspected release.
   d. The source and cause of the spill, release, or suspected release.
   e. A description of the spill, release, or suspected release, including its chemical composition.
   f. The estimated volume of the spill, release, or suspected release.
   g. Action taken to mitigate immediate damage from the spill, release, or suspected release.

2. Written notice describing the spill, release, or suspected release and any investigation or follow-up action taken or to be taken must be mailed or delivered within seven (7) days of the incident. The written notice shall verify the prior oral notification as to each of the items of information listed above and provide any appropriate additions or corrections to the information contained in the prior oral notification. The written notice must be submitted to:

Carl Souder, Manager, Underground Storage Tank Program
New Mexico Environmental Improvement Division
Runnels Building
1190 St. Francis Drive
Santa Fe, NM 87583

SARA Title III: Report releases and submit written follow-up emergency notice(s) to:

New Mexico Emergency Response Commission
Attention: Sam Larcomb
Department of Public Safety
Title III Bureau
P.O. Box 1628
Santa Fe, NM 87504-1628
(505) 827-9222



New Mexico
Oil Conservation Division
District Offices

District	City	Numbers	Addresses
1	Hobbs	(505) 393-6161	1000 W. Broadway, 88240
2	Artesia	(505) 748-1283	324 W. Main, 88210
3	Aztec	(505) 334-6178	1000 Rio Brazo, 87410
4	Santa Fe	(505) 827-5810	P.O. Box 2088, 87504

NM-6

State of New Mexico
Energy and Minerals Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

Name of Operator				Address			
Report of	Fire	Break	Spill	Leak	Blowout	Other*	
Type of Facility	Drlg Well	Prod Well	Tank Btty	Pipe Line	Gaso Plnt	Oil Rfy	Other*
Name of Facility							
Location of Facility (Quarter/Quarter Section or Footage Description)				Sec.	Twp.	Rge.	County
Distance and Direction From Nearest Town or Prominent Landmark							
Date and Hour of Occurrence				Date and Hour of Discovery			
Was Immediate Notice Given?	Yes	No	Not Required	If Yes, To Whom			
By Whom				Date and Hour			
Type of Fluid Lost				Quantity of Loss _____BO _____BW		Volume Recovered _____BO _____BW	
Did Any Fluids Reach a Watercourse?	Yes	No	Quantity				
If Yes, Describe Fully**							
Describe Cause of Problem and Remedial Action Taken**							
Describe Area Affected and Cleanup Action Taken**							
Description of Area	Farming	Grazing	Urban	Other*			
Surface Conditions	Sandy	Sandy Loam	Clay	Rocky	Wet	Dry	Snow
Describe General Conditions Prevailing (Temperature, Precipitation, Etc.)**							
I Hereby Certify That the Information Above Is True and Complete to the Best of My Knowledge and Belief Signed Title Date							

*Specify

**Attach Additional Sheets if Necessary

INCIDENT

TABLE III
EUNICE, NEW MEXICO
SUPERVISOR TELEPHONE LIST

Title	Name	Home Telephone
Plant Superintendent	B. E. Hobbs	505-392-1331
Field Supervisor	J. M. Collis	505-392-2637
Maintenance Supervisor	B. W. Turner	505-394-2465
Relief Operations Supv.	C. Glen Jenkins	505-394-2128

Emergency Notification

Eunice Plant - 07/01/97

Employee Name	Phone
Appleton, Al	397-4085
Bevel, Jerry	392-2572
Bustamante, Robbie	394-3415
Carlson, Dave	393-8117
Cockerille, Tony	392-1055
Collis, Jerry	392-2637
Cooper, Richie	395-2721
Hobbs, Bill	392-1331
Jenkins, Glen	394-2128
Jurney, Dan	394-2021
Kemp, Charlsie	394-2273
Knapp, Gary	393-0821
Mapp, Doyle	392-0506
Massingale, Dan	394-2918
Miller, Kem	394-2431
Rodgers, Ron	394-3093
Saenz, Larry	394-3461
Salmon, Carloyn	397-5124
Sims, Bobby	394-2728
Skinner, Claude	394-3472
Spitzer, Cam	392-1314
Speer, Jim	394-2385
Turner, Bill	394-2465
Tyree, Mitch	394-2685
Wade, Ronnie	392-4862
Walker, Charles	394-2906
Ziegler, Ricky	394-3665

Outside Company	Phone Numbers
Transwestern Pipeline	
Gas Control - Houston, 24 hrs.	1-713-853-5544
Les Sealy	505-394-3116 (W)
Celluar	505-390-1804 (C)
El Paso Natural Gas	
Gas Control - El Paso, 24 hrs.	1-800-334-8047
Ken Morrow	505-394-4400
Jal Dispatcher	505-395-3925
Chevron Service Center, 24 hrs.	1-800-351-1951
Buddy Wright	505-390-7348 (C)
Pager	915-499-3647
EOTT Energy Corporation	
Control Center, 24 hrs.	1-800-266-3688
Gary Ham	505-390-2808 (C)
Hobbs Office	505-392-1992
Monument Plant	505-393-2823
PNN - Gas Company	
David Gallegos	505-394-2616 (W)
	505-394-2042 (H)

EUNICE PERSONNEL - On Call After Hours		
Bill Hobbs	505-392-1331 (H)	505-390-4097 (C)
Supervisor on Call	505-369-7423	Bag Phone
Bill Turner	505-394-2465 (H)	505-369-7261 (C)
Mechanic on Call	1-800-669-5602	Pager
Jerry Collis	505-362-2637 (H)	505-369-7348 (C) Vehicle
		or 505-369-5763 (C)
Field Operator on Call	1-800-811-0543	Pager
Glen Jenkins	505-394-2128 (H)	505-390-4091 (C)
Operations (Lead Opr)	coming	Pager

Warren Petroleum Company L.P.

Vehicle Radios / Mobile Cell Numbers / Hand Held Radios

Name		Radio Call Number	Call Alert	Mobile Cell Number	
PLANT SUPT.	(HOBBS)	610	229678	505-390-4097	Cellular One
FIELD SUPERVISOR	(COLLIS)	618	229825	505-369-7348	Leaco
			or flip phone	*505-369-5763*	*Leaco*
FLD OPERATOR	(SPITZER)	6113	229766	505-370-1827	Leaco
FLD OPERATOR	(EVANS)	613	229772	505-370-1829	Leaco
FLD OPERATOR	(WALKER)	614	229727	505-370-1828	Leaco
FIELD WELDER	(DARNELL)	621			
4-WHEEL DRIVE		620	229812	505-370-8541	
SHIFT SUPERVISOR		612			
PROCESS OPERATOR		624	229815		
INSTRUMENT MECHANIC		622	229779		
MAINTENANCE CREW		623	229819		
GANG TRUCK		616	230080		
Supervisor on call				505-369-7423	Leaco
Beeper for Mechanic on call				1-800-669-5602	
MAINTENANCE SUPERVISOR		615		505-369-7261	Leaco
TEAL PICK-UP		619	229661		

RADIOS IN OTHER AREAS

Fleet	Subfleet	User
1	D	*Chevron Production*
	G	Warren - Saunders / Vada / Bluitt
	H	Warren - Eunice
	J	Warren - Monument
	M	Chevron Pipeline - Buddy Wright

Portable Hand Held Radios (Motorola)

1 - Opr. Supv. Glen Jenkins
2 - Office *Kem / Carolyn*
3 - Lead Opr.
4 - Process Opr.
5 - Engine Room
6 - Insturment Mech. Dan Massingale
7 - Maintenace Supv. Bill Turner
8 - Lab Charlsie Kemp
10 - PSM Coord. Mitch Tyree

Update: 08/01/97

File: C Drive, Excel, Phonelst.xls

TABLE V.

MISCELLANEOUS TELEPHONE NUMBERS

	CONTACT	NAME	TELEPHONE
*	Ambulance	Eunice/Hobbs	394-2112/292-3215
	Hospital	Lea Regional	392-6581
*	Fire Department	Eunice	394-2112
*	Police Department	Eunice	394-2112
*	Sheriff	Eunice/Lovington	394-2020/397-1217
	Spill Cleanup	McCasland Service	394-2581

* - These emergency contacts will respond to 911 calls, also.

Statutory Authority

New Mexico Statutes Annotated (NMSA) Chapter 70 Oil and Gas, Article 2, §§ 70-2-1 through 70-2-36, Oil and Gas Act.

NMSA Chapter 30 Criminal Offenses, Article 16, §§ 30-16-46 through 30-16-48.

NMSA Chapter 70 Oil and Gas, Article 7, §§ 70-7-1 through 70-7-21, Statutory Unitization Act.

NMSA Chapter 74 Environmental Improvement, Article 6, §§ 74-6-1 through 74-6-4, 74-6-6 through 74-6-13, Water Quality Act.

Regulations

New Mexico Oil Conservation Division (OCD) Rules and Regulations, Section B Miscellaneous Rules.

Activities Regulated

1. This Section applies to miscellaneous rules of the OCD. OCD Section B.

Activities Excluded from Regulation

None is specified.

Agencies

1. The OCD shall have, and is hereby given, jurisdiction and authority over all matters relating to the conservation of oil and gas and the prevention of waste of potash as a result of oil or gas operations in this state. NMSA § 70-2-6.
2. The Oil Conservation Commission (Commission) shall have concurrent jurisdiction and authority with the OCD to the extent necessary for the Commission to perform its duties as required by law. NMSA § 70-2-6.

Requirements

1. **Scope of rules and regulations.** OCD Rule 1.
   a. The following general rules of statewide application have been adopted by the OCD of the New Mexico Energy and Minerals Department to conserve the natural resources of the state of New Mexico, to prevent waste, to protect correlative rights of all owners of crude oil and natural gas, and to protect fresh waters. Special rules, regulations and orders have been and will be issued when required and shall prevail as against general rules, regulations and orders if in conflict therewith. However, whenever these general rules do not conflict with special rules heretofore or hereafter adopted, these general rules shall apply. OCD Rule 1(a).
   b. The OCD may grant exceptions to these rules after notice and hearing, when the granting of such exceptions will not result in waste but will protect correlative rights or prevent undue hardship. OCD Rule 1(b).

Notification of fire, breaks, leaks, spills, and blowouts. OCD Rule 116. The OCD shall be notified of any fire, break, leak, spill, or blowout occurring at any injection or disposal facility or at any oil or gas drilling, producing, transporting, or processing facility in the state of New Mexico by the person operating or controlling such facility.

"Facility," for the purpose of this rule, shall include any oil or gas well, any injection or disposal well, and any drilling or workover well; any pipe line through which crude oil, condensate, casinghead or natural gas, or injection or disposal fluid (gaseous or liquid) is gathered, piped, or transported (including field flow-lines and lead-lines but not including natural gas distribution systems); any receiving tank, holding tank, or storage tank, or receiving and storing receptacle into which crude oil, condensate, injection or disposal fluid, or casinghead or natural gas is produced, received, or stored; any injection or disposal pumping or compression station including related equipment; any processing or refining plant in which crude oil, condensate, or casinghead or natural gas is processed or refined; and any tank or drilling pit or slush pit associated with oil or gas well or injection or disposal well drilling operations or any tank, storage pit, or pond associated with oil or gas production or processing operations or with injection or disposal operations and containing hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, or other deleterious chemicals or harmful contaminants.

Notification of such fire, break, leak, spill, or blowout shall be in accordance with the provisions set forth below:

a. **Well blowouts.** Notification of well blowouts and/or fires shall be "immediate notification" described below. ("Well blowout" is defined as being loss of control over and subsequent eruption of any drilling or workover well, or the rupture of the casing, casinghead, or wellhead or any oil or gas well or injection or disposal well, whether active or inactive, accompanied by the sudden emission of fluids, gaseous or liquid, from the well.) OCD Rule 116-1.

b. **"Major" breaks, spills, or leaks.** Notification of breaks, spills, or leaks of 25 or more barrels of crude oil or condensate, or 100 bbl or more of salt water, none of which reaches a watercourse or enters a stream or lake; breaks, spills, or leaks in which one or more barrels of crude oil or condensate or 25 bbl or more of salt water does reach a watercourse or enters a steam or lake; and breaks, spills, or leaks of hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, gases, or other deleterious chemicals or harmful contaminants of any magnitude which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" described below. OCD Rule 116-2.

c. **"Minor" breaks, spills, or leaks.** Notification of breaks, spills, or leaks of 5 bbl or more but less than 25 bbl of crude oil or condensate, or 25 bbl or more but less than 100 bbl of salt water, none of which reaches a watercourse or enters a stream or lake, shall be "subsequent notification" described below. OCD Rule 116-3.

d. **Gas leaks and gas line breaks.** Notification of gas leaks from any source or of gas pipe line breaks in which natural or casinghead gas of any quantity has escaped or is escaping which may with reasonable probability endanger human health or result in substantial damage to property shall be "immediate notification" described below. Notification of gas pipe line breaks or leaks in which the loss is estimated to be 1,000 or more million of cubic feet (Mcf) of natural or casinghead gas but in which there is no danger to human health nor of substantial damage to property shall be "subsequent notification" described below. OCD Rule 116-4.

e. **Tank fires.** Notification of fires in tanks or other receptacles caused by lightning or any other cause, if the loss is, or it appears that the loss will be, 25 or more barrels of crude oil or condensate, or fires which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" as described below. If the loss is, or it appears that the loss will be at least 5 bbl but less than 25 bbl, notification shall be "subsequent notification" described below. OCD Rule 116-5.

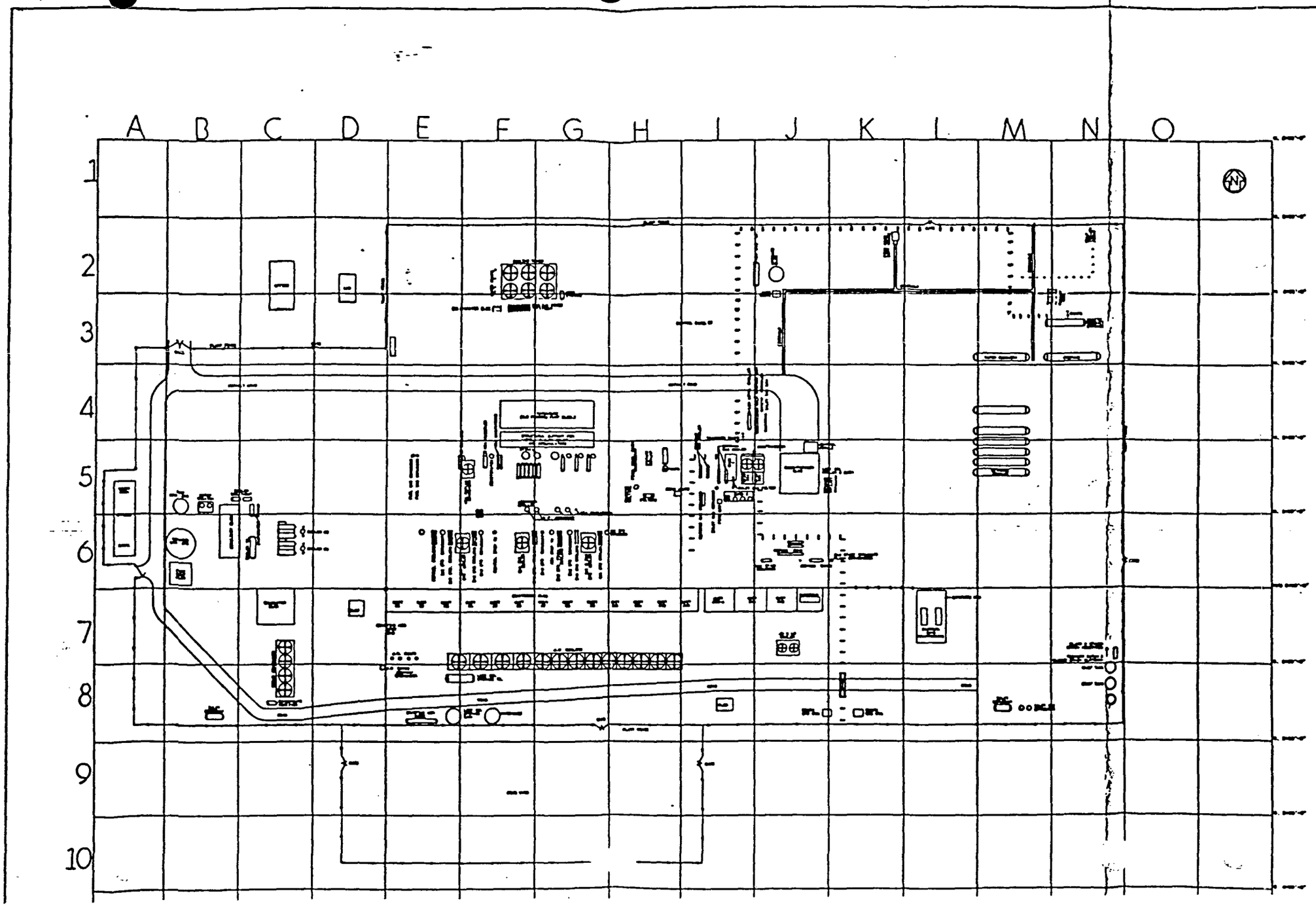
f. **Drilling pits, slush pits, and storage pits and ponds.** Notification of breaks and spills from any drilling pit, slush pit, or storage pit or pond in which any hydrocarbon or hydrocarbon waste or residue, strong caustic or strong acid, or other deleterious chemical or harmful contaminant endangers human health or does substantial surface damage, or reaches a watercourse or enters a stream or lake in such quantity as may with reasonable probability endanger human health or result in substantial damage to such watercourse, stream, or lake, or the contents thereof, shall be "immediate notification" as described below. Notification of breaks or spills of such magnitude as to not endanger human health, cause substantial surface damage, or result in substantial damage to any watercourse, stream, or lake, or the contents thereof, shall be "subsequent notification" described below, provided however, no notification shall be required where there is no threat of any damage resulting from the break or spill. OCD Rule 116-6.

Immediate notification. "Immediate Notification" shall be as soon as possible after discovery and shall be either in person or by telephone to the district office of the OCD district in which the incident occurs, or if the incident occurs after normal business hours, to the District Supervisor, the Oil and Gas Inspector, or the Deputy Oil and Gas Inspector. A complete written report ("Subsequent Notification") of the incident shall also be submitted in duplicate to the appropriate district office of the OCD within 10 days after discovery of the incident.

Subsequent notification. "Subsequent Notification" shall be a complete written report of the incident and shall be submitted in duplicate to the district office of the OCD district in which the incident occurred within 10 days after discovery of the incident.

Content of notification. All reports of fires, breaks, leaks, spills, or blowouts, whether verbal or written, shall identify the location of the incident by quarter-quarter, section, township, and range, and by distance and direction from the nearest town or prominent landmark so that the exact site of the incident can be readily located on the ground. The report shall specify the nature and quantity of the loss and also the general conditions prevailing in the area, including precipitation, temperature, and soil conditions. The report shall also detail the measures that have been taken and are being taken to remedy the situation reported.

Watercourse. For the purpose of this rule, is defined as any lake-bed or gully, draw, stream bed, wash, arroyo, or natural or man-made channel through which water flows or has flowed.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SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

INSPECTION PROCEDURES

Bulk Storage Tanks

All storage tanks which are listed in Table I of this SPCC Plan shall be visually inspected annually to (1) determine the general soundness of the structure of the tank wall (no creasing due to collapse), (2) determine the structural soundness of the tank supports, (3) locate corrosion sites, and (4) discover any leakage from the tank and/or its appurtenances.

Records of these inspections shall be kept in the Environmental File System (File VI.A.3).

Relief valves shall be tested and recertified according to the Eunice Plant's testing program.

Records of relieve valve recertifications shall be kept in the Files located in the Facility Office Building for a period of three years from the date of inspection.

Aboveground Piping Systems

All aboveground pipe, valves, fittings and supports shall be regularly examined by operating personnel for leakage, corrosion and structural defects. Valves which require locking under the SPCC Plan or for general security purposes shall be examined to ensure they are locked. This is to include pumps, exchangers, loading arms and vessels.

Any deficiencies noted shall be reported to the appropriate supervisor for documentation and corrective action.

SPCC Protective Systems

All protective systems which include containment structures, diversionary structures, pumps, valves, etc., shall be regularly examined by operating personnel. Any deficiencies shall be reported to the appropriate supervisor for documentation and corrective action.

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

BULK STORAGE TANK ANNUAL INSPECTION REPORT*

Tank No.	Date	Comments	Inspector

*Test reports are retained after this form and are kept as a part of this report. This report shall remain in the Environmental File System (File VI.A.3) for a period of three (3) years from the date of this document.

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

SPILL/RELEASE REPORTS

Any spill or release shall be documented in a written report. The report should contain the following:

- Incident time and date
- Company name and address
- Physical Location
- Spill/Release substance and quantity
- Cause of Spill/Release
- Impact on the area affected, specifying the receiving medium
- Remedial actions employed
- Success of cleanup efforts
- Agency(ies) notified (Agency Telephone Notification Form(s))
- Agency(ies) appearing on site to investigate and accounting of communication with them
- Name and address of non-company reporter(s) of incident
- Any other pertinent facts necessary in describing, explaining or elaborating on the spill/release
- Any corrective/preventive actions planned to be employed to prevent future occurrences of the same type of incident, if available.

Based on the Notification Procedures located in the Spill Contingency Plan (Section "3" of Appendix "A" of the SPCC Plan), send copies of the report to the appropriate agency(ies), as well as Environmental Affairs in Tulsa.

A copy of the report shall also be submitted to the Environmental File System (File VI.A.4) and remain there for a minimum of three (3) years from the incident date.

Also, certain agencies require incident reports be filed on their forms. A copy of these forms may be found in Appendix "H".

Review the reporting guidelines to Chevron Corporate Compliance and file a completed (signed) Form GO-140 with Environmental Affairs in Tulsa. This is required in addition to the above requirements.

If any questions surface involving any reporting requirements, contact Environmental Affairs in Tulsa.

SPILL CONTINGENCY PLAN

AGENCY TELEPHONE NOTIFICATION FORM

INFORMATION OBTAINED

Agency Name:_____ Date:_____/_____/_____

Agency Representative:_____ Time:_____(AM/PM)

Representative's Title:_____

Telephone Number:(_____)_____-_____

Is a written report required?_____Yes_____No

INFORMATION REPORTED

Facility Name: Eunice Plant

Facility Location: 0.6 Miles South of Texas Avenue on 4th Street
Eunice, New Mexico

Owner and Operator: Warren Petroleum Company

P. O. Box 1909
Eunice, New Mexico 88231

Incident Date: _____/_____/_____

Incident Time: _____(AM/PM)

Incident Type: _____fire, _____explosion, _____oil release,
_____SARA release, _____CERCLA release,
_____RCRA release, _____VOC release.

Substance(s)

Type:_____butane, _____pentane, _____gasoline, _____butadiene, _____isoprene
_____diesel, _____other.

Quantity:_____BBL, _____MSCF, _____LBS

Spill Category: _____Major, _____Medium, _____Minor

Receiving Medium: _____water, _____land, _____air

Release/Incident Location: _____

_____

Name of Waters Involved (if any):_____Groundwater

_____Other (Specify:_____)

Cause of incident (if known): _____

Extent of Damage Already Incurred: _____

_____

_____

Any Injuries Involved?____Yes____No. How Many? ____Employees ____Public

Current Remedial Actions Being Taken: _____

_____

_____

_____

Estimate of Ultimate Extent of Damage (Include Area Likely to be Affected):

_____

_____

_____

_____

Reporter

Name: _____

Signature: _____

Title: _____

Telephone: (____) ____ - _____

Note: Include this document as part of the written Spill/Release Report.

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Acenaphthene	83329		1*	2		B	100 (45.4)
Acenaphthylene	208968		1*	2		D	5000 (2270)
Acetaldehyde	75070	Ethanal	1000	"1,4"	U001	C	1000 (454)
"Acetaldehyde, chloro-"	107200	Chloroacetaldehyde	1*	4	P023	C	1000 (454)
"Acetaldehyde,trichloro-"	75876	Chloral	1*	4	U034	B	5000 (2270)
"Acetamide,N-" (aminothioxomethyl)-	591082	1-Acetyl-2-thiourea	1*	4	P002	C	1000 (454)
"Acetamide,N-" (4-ethoxyphenyl)-	62442	Phenacetin	1*	4	U187	B	100 (45.4)
"Acetamide, 2-fluoro-"	640197	Fluoroacetamide	1*	4	P057	B	100 (45.4)
"Acetamide, N-9H-fluoren-2-yl-"	53963	2-Acetylaminofluorene	1*	4	U005	X	1 (0.454)
Acetic acid	64197		1000	1		D	5000 (2270)
"Acetic acid (2,4-" dichlorophenoxy)-	94757	"2,4-D Acid" "2, 4-D, salts and esters"	100	"1,4"	U240	B	100 (45.4)
"Acetic acid,lead(2+) salt"	301042	Lead acetate	5000	"1,4"	U144	A	10 (4.54)
"Acetic acid, thallium" (1+) salt	563688	Thallium(I) acetate	1*	4	U214	B	100 (45.4)
"Acetic acid, (2,4,5-" trichlorophenoxy)	93765	"2,4,5-T" "2,4,5-T acid"	100	"1,4"	U232	C	1000 (454)
"Acetic acid, ethyl ester"	141786	Ethyl acetate	1*	4	U112	D	5000 (2270)
"Acetic acid, fluoro-," sodium salt	62748	"Flouracetic acid," sodium salt	1*	4	P058	A	10 (4.54)
Acetic anhydride	108247		1000	1		D	5000 (2270)
Acetone	67641	2-Propanone	1*	4	U002	D	5000 (2270)
Acetone cyanohydrin	75865	"Propanenitrile, 2-" hydroxy-2-methyl- 2-Methyllactonitrile	10	"1,4"	P069	A	10 (4.54)
Acetonitrile	75058		1*	4	U003	D	5000 (2270)
Acetophenone	98862	"Ethanone, 1-phenyl-"	1*	4	U004	D	5000 (2270)
2-Acetylaminofluorene	53963	"Acetamide, N-9H-" fluoren-2-yl-	1*	4	U005	X	1 (0.454)
Acetyl bromide	506967		5000	1		D	5000 (2270)
Acetyl chloride	75365		5000	"1,4"	U006	D	5000 (2270)
1-Acetyl-2-thiourea	591082	"Acetamide, N-(aminoth" ioxomethyl)-	1*	4	P002	C	1000 (454)
Acrolein	107028	2-Propenal	1	"1,2,4"	P003	X	1 (0.454)
Acrylamide	79061	2-Propenamide	1*	4	U007	D	5000 (2270)
Acrylic acid	79107	2-Propenoic acid	1*	4	U008	D	5000 (2270)
Acrylonitrile	107131	2-Propenenitrile	100	"1,2,4"	U009	B	100 (45.4)
Adipic acid	124049		5000	1		D	5000 (2270)
Aldicarb	116063	"Propanal, 2-methyl-2-" "(methylthio)-,O-" [(methylamino) carbonyl]oxime.	1*	4	P070	X	1 (0.454)
Aldrin	309002	"1,4,5,8-Dimethano-" "naphthalene, 1,2,3," "4,10,10-10-hexachloro-" "1,4,4a,5,8,8a-hexahydro-" "(1alpha,4alpha,4abeta," "5alpha,8alpha,8abeta)-"	1 ","	"1,2,4"	P004	X	1 (0.454)
Allyl alcohol	*107186*	*2-Propen-1-ol*	*100*	"1,4"	P005	B	100 (45.4)
Allyl chloride	107051		1000	1		C	1000 (454)
Aluminum phosphide	20859738		*1**	*4*	*P006*	B	*100* (45.4)
Aluminum sulfate	10043013		5000	1		D	5000 (2270)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
5-(Aminomethyl)-3-isoxazolol.	2763964	Muscimol 3(2H)-Iso-"xazolone, 5-(amino-" methyl)-	1*	4	P007	C	1000 (454)
4-Aminopyridine	504245	4-Pyridinamine	1*	4	P008	C	1000 (454)
Amitrole	61825	"1H-1,2,4-Triazol-3-amine"	1*	4	U011	A	10 (4.54)
Ammonia	7664417		100	1		B	100 (45.4)
Ammonium acetate	631618		5000	1		D	5000 (2270)
Ammonium benzoate	1863634		5000	1		D	5000 (2270)
Ammonium bicarbonate	1066337		5000	1		D	5000 (2270)
Ammonium bichromate	7789095		1000	1		A	10 (4.54)
Ammonium bifluoride	1341497		5000	1		B	100 (45.4)
Ammonium bisulfite	10192300		5000	1		D	5000 (2270)
Ammonium carbamate	1111780		5000	1		D	5000 (2270)
Ammonium carbonate	506876		5000	1		D	5000 (2270)
Ammonium chloride	12125029		5000	1		D	5000 (2270)
Ammonium chromate	7788989		1000	1		A	10 (4.54)
"Ammonium citrate, dibasic"	3012655		5000	1		D	5000 (2270)
Ammonium fluoborate	13826830		5000	1		D	5000 (2270)
Ammonium fluoride	12125018		5000	1		B	100 (45.4)
Ammonium hydroxide	1336216		1000	1		C	1000 (454)
Ammonium oxalate	6009707 5972736 14258492		5000	1		D	5000 (2270)
Ammonium picrate	131748	"Phenol, 2,4,6-, trinitro-," ammonium salt	1*	4	P009	A	10 (4.54)
Ammonium silicofluoride	16919190		1000	1		C	1000 (454)
Ammonium sulfamate	7773060		5000	1		D	5000 (2270)
Ammonium sulfide	12135761		5000	1		B	100 (45.4)
Ammonium sulfite	10196040		5000	1		D	5000 (2270)
Ammonium tartrate	14307438 3164292		5000	1		D	5000 (2270)
Ammonium thiocyanate	1762954		5000	1		D	5000 (2270)
Ammonium vanadate	7803556	"Vanadic acid, ammonium" salt	1*	4	P119	C	1000 (454)
Amyl acetate iso- sec- tert-	628637 123922 626380 625161		1000	1		D	5000 (2270)
Aniline	62533	Benzenamine	1000	"1,4"	U012	D	5000 (2270)
Anthracene	120127		1*	2		D	5000 (2270)
Antimony ++	7440360		1*	2		D	5000 (2270)
ANTIMONY AND COMPOUNDS	N.A.		1*	2			**
Antimony pentachloride	7647189		1000	1		C	1000 (454)
Antimony potassium tartrate	28300745		1000	1		B	100 (45.4)
Antimony tribromide	7789619		1000	1		C	1000 (454)
Antimony trichloride	10025919		1000	1		C	1000 (454)
Antimony trifluoride	7783564		1000	1		C	1000 (454)
Antimony trioxide	1309644		5000	1		C	1000 (454)
"Argentate(1-), bis" "(cyano-C)-, potassium"	506616	Potassium silver cyanide	1*	4	P099	X	1 (0.454)
Aroclor 1016	12674112	POLYCHLORINATED BIPHENYLS (PCBs)	10	"1,2"		X	1 (0.454)
Aroclor 1221	11104282	POLYCHLORINATED BIPHENYLS (PCBs)	10	"1,2"		X	1 (0.454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Aroclor 1232	11141165	POLYCHLORINATED BIPHENYLS (PCBs)	10	"1,2"		X	1 (0.454)
Aroclor 1242	53469219	POLYCHLORINATED BIPHENYLS (PCBs)	10	"1,2"		X	1 (0.454)
Aroclor 1248	12672296	POLYCHLORINATED BIPHENYLS (PCBs)	10	"1,2"		X	1 (0.454)
Aroclor 1254	11097691	POLYCHLORINATED BIPHENYLS (PCBs)	10	"1,2"		X	1 (0.454)
Aroclor 1260	11096825	POLYCHLORINATED BIPHENYLS (PCBs)	10	"1,2"		X	1 (0.454)
Arsenic ++	7440382		1*	"2,3"		X	1 (0.454)
Arsenic acid	1327522 7778394	Arsenic acid H3AsO4	1*	4	P010	X	1 (0.454)
Arsenic acid H3AsO4	1327522 7778394	Arsenic acid	1*	4	P010	X	1 (0.454)
ARSENIC AND COMPOUNDS	N.A.		1*	2			**
Arsenic disulfide	1303328		5000	1		X	1 (0.454)
Arsenic oxide As203	1327533	Arsenic trioxide	5000	"1,4"	P012	X	1 (0.454)
Arsenic oxide As205	1303282	Arsenic pentoxide	5000	"1,4"	P011	X	1 (0.454)
Arsenic pentoxide	1303282	Arsenic oxide As205	5000	"1,4"	P011	X	1 (0.454)
Arsenic trichloride	7784341		5000	1		X	1 (0.454)
Arsenic trioxide	1327533	Arsenic oxide As203	5000	"1,4"	P012	X	1 (0.454)
Arsenic trisulfide	1303339		5000	1		X	1 (0.454)
"Arsine, diethyl-"	692422	Diethylarsine	1*	4	P038	X	1 (0.454)
"Arsinic acid, dimethyl-"	75605	Cacodylic acid	1*	4	U136	X	1 (0.454)
"Arsonous dichloride," phenyl-	696286	Dichlorophenylarsine	1*	4	P036	X	1 (0.454)
Asbestos +++	1332214		1*	"2,3"		X	1 (0.454)
Auramine	492808	"Benzenamine," "4,4'-carbonimidoylbis" "(N,N-dimethyl-"	1*	4	U014	B	100 (45.4)
Azaserine	115026	"L-Serine, diazoacetate" (ester)	1*	4	U015	X	1 (0.454)
"1H-Azepine-1-carbothioic acid, "hexahydro-, S-ethyl ester" (Molinate)	"2212671		1*	4	U365		# #
Aziridine	151564	Ethylenimine	1*	4	P054	X	1 (0.454)
"Aziridine, 2-methyl"	75558	"1,2-Propylenimine"	1*	4	P067	X	1 (0.454)
"Azirino[2',3':3,4]" "pyrrolo(1,2-a)indole" "-4,7-dione,6-amino-8-" [[(aminocarbonylooxy] "methyl]- 1,1a,2,8,8a,8b-" hexahydro-8a- "methoxy-5-methyl-,[1aS-" "(1aalpha,8beta,8aalpha," 8balpha)].	50077	Mitomycin C	1*	4	U010	A	10 (4.54)
Barium cyanide	542621		10	"1,4"	P013	A	10 (4.54)
"Benz[j]aceanthrylene," "1,2-dihydro-3-methyl-"	56495	3-Methylcholanthrene	1*	4	U157	A	10 (4.54)
Benz[c]acridine	225514		1*	4	U016	B	100 (45.4)
Benzal chloride	98873	"Benzene," dichloromethyl-	1*	4	U017	D	5000 (2270)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Benzamide, 3,5-" "dichloro-N-(1,1-" dimethyl-2-propynyl)-	23950585	Pronamide	1*	4	U192	D	5000 (2270)
Benz[a]anthracene	56553	Benzo[a]anthracene "1,2-Benzanthracene"	1*	"2,4"	U018	A	10 (4.54)
"1,2-Benzanthracene"	56553	Benz[a]anthracene Benzo[a]anthracene	1*	"2,4"	U018	A	10 (4.54)
"Benz[a]anthracene," "7,12-dimethyl-"	57976	"7,12-Dimethylbenz[a]" anthracene	1*	4	U094	X	1 (0.454)
Benzenamine	62533	Aniline	1000	"1,4"	U012	D	5000 (2270)
"Benzenamine, 4,4'-" "carbonimidoylbis(N,N-" dimethyl-	492808	Auramine	1*	4	U014	B	100 (45.4)
"Benzenamine, 4-chloro-"	106478	p-Chloroaniline	1*	4	P024	C	1000 (45.4)
"Benzenamine, 4-chloro-" "2-methyl-,hydrochloride"	3165933	"4-Chloro-o-toluidine," hydrochloride	1*	4	U049	B	100 (45.4)
"Benzeamine, N,N-dimethyl-" 4-(phenylazo-)	60117	p-Dimethylaminoazo-benzene	1*	4	U093	A	10 (4.54)
"Benzenamine, 2-methyl-"	95534	o-Toluidine	1*	4	U328	B	100 (45.4)
"Benzenamine, 4-methyl-"	106490	p-Toluidine	1*	4	U353	B	100 (45.4)
"Benzenamine, 4,4'-" methylenebis(2-chloro-	101144	"4,4'-Methylenebis" (2-chloroaniline)	1*	4	U158	A	10 (4.54)
"Benzenamine," "2-methyl-,hydrochloride"	636215	o-Toluidine hydrochloride	1*	4	U222	B	100 (45.4)
"Benzenamine," 2-methyl-5-nitro	99558	5-Nitro-o-toluidine	1*	4	U181	B	100 (4.54)
"Benzenamine, 4-nitro-"	100016	p-Nitroaniline	1*	4	P077	D	5000 (2270)
Benzene	71432		1000	"1,2,3,4"	U109	A	10 (4.54)
"Benzeneacetic acid, 4-chloro-" alpha-(4-chlorophenyl) "-alpha-hydroxy-,ethyl ester"	510156	Chlorobenzilate	1*	4	U038	A	10 (4.54)
"Benzene, 1-bromo-4-" phenoxy-	101553	4-Bromophenyl phenyl ether	1*	"2,4"	U030	B	100 (45.4)
"Benzenebutanoic acid," 4-[bis(2-chloroethyl) amino]-	305033	Chlorambucil	1*	4	U035	A	10 (4.54)
"Benzene, chloro-"	108907	Chlorobenzene	100	"1,2,4"	U037	B	100 (45.4)
"Benzene, chloromethyl-"	100447	Benzyl chloride	100	"1,4"	P028	B	100 (45.4)
"Benzenediamin, ar-methyl-"	95807 496720 823405	Touenediamine	1*	4	U221	A	10 (4.54)
"1,2-Benzenedicarboxylic acid," dioctyl ester	117840	Di-n-octyl phthalate	1*	"2,4"	U107	D	5000 (2270)
"1,2-Benzenedicarboxylic acid," [bis(2-ethylhexyl)-ester	117817	Bis (2-ethylhexyl) phthalate Diethylhexyl phthalate	1*	"2,4"	U028	B	100 (45.4)
"1,2-Benzenedicarboxylic" dibutyl ester	84742	Di-n-butyl phthalate Dibutyl phthalate *n-Butyl phthalate*	100	"1,2,4"	U069	A	10 (4.54)
"1,2-Benzenedicarboxylic acid," diethyl ester	84662	Diethyl phthalate	1*	"2,4"	U088	C	1000 (454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"1,2-Benzenedicarboxylic acid, dimethyl ester	"131113	Dimethyl phthalate	1*	"2,4"	U102	D	5000 (2270)
"Benzene, 1,2-dichloro-"	95501	o-Dichlorobenzene "1,2-Dichlorobenzene"	100	"1,2,4"	U070	B	100 (45.4)
"Benzene, 1,3-dichloro-"	541731	m-Dichlorobenzene "1,3-Dichlorobenzene"	1*	"2,4"	U071	B	100 (45.4)
"Benzene, 1,4-dichloro-"	106467	p-Dichlorobenzene "1,4-Dichlorobenzene"	100	"1,2,4"	U072	B	100 (45.4)
"Benzene, 1,1'(2,2-" dichloroethylidene) bis[4-chloro-	72548	DDD TDE "4,4'DDD"	1	"1,2,4"	U060	X	1 (0.454)
"Benzene, dichloromethyl-"	98873	Benzal chloride	1*	4	U017	D	5000 (2270)
"Benzene, 1,3-diiso-" cyanatomethyl-	584849 91087 26471625	Toluene diisocyanate	1*	4	U223	B	100 (45.4)
"Benzene, dimethyl"	1330207	Xylene (mixed)	1000	"1,4"	U239	C	1000 (454)
"m-Benzene, dimethyl"	108383	m-Xylene					
"o-Benzene, dimethyl"	95476	o-Xylene					
"p-Benzene, dimethyl"	106423	p-Xylene					
"1,3-Benzenediol"	108463	Resorcinol	1000	"1,4"	U201	D	5000 (2270)
"1,2-Benzenediol, 4-" [1-hydroxy-2-(methylamino)ethyl]-	51434	Epinephrine	1*	4	P042	C	1000 (454)
"Benzeneethanamine," "alpha,alpha-dimethyl-"	122098	"alpha,alpha-Dimethyl" phenethylamine	1*	4	P046	D	5000 (2270)
"Benzene, hexachloro-"	118741	Hexachlorobenzene	1*	"2,4"	U127	A	10 (4.54)
"Benzene, hexahydro-"	110827	Cyclohexane	1000	"1,4"	U056	C	1000 (454)
"Benzene, hydroxy-"	108952	Phenol	1000	"1,2,4"	U188	C	1000 (454)
"Benzene, methyl-"	108883	Toluene	1000	"1,2,4"	U220	C	1000 (454)
"Benzene, 2-methyl-1,3-dinitro-	"606202	"2,6-Dinitroltoluene"	1000	"1,2,4"	U106	B	100 (45.4)
"Benzene, 1-methyl-2,4-dinitro-	"121142	"2,4-Dinitrotoluene"	1000	"1,2,4"	U105	A	10 (4.54)
"Benzene, 1-methylethyl-"	98828	Cumene	1*	4	U055	D	5000 (2270)
"Benzene, nitro-"	98953	Nitrobenzene	1000	"1,2,4"	U169	C	1000 (454)
"Benzene, pentachloro-"	608935	Pentachlorobenzene	1*	4	U183	A	10 (4.54)
"Benzene," pentochloronitro-	82688	Pentachloronitro-benzene (PCNB)	1*	4	U185	B	100 (0.454)
Benzenesulfonic acid chloride	98099	Benzenesulfonyl chloride	1*	4	U020	B	100 (45.4)
Benzenesulfonyl chloride	98099	Benzenesulfonic acid chloride	1*	4	U020	B	100 (45.4)
"Benzene, 1,2,4,5-" -tetrachloro-	595943	"1,2,4,5-" Tetrachlorobenzene	1*	4	U207	D	5000 (2270)
Benzenethio	108985	Thiophenol	1*	4	P014	B	100 (45.4)
"Benzene, 1,1'-(2,2,2-" tri-chloroethylidene) bis[4-chloro-	50293	DDT "4,4'DDT"	1	"1,2,4"	U061	X	1 (0.454)
"Benzene, 1,1'-(2,2,2-" trichloroethylidene) bis[4-methoxy-	72435	Methoxychlor	1	"1,4"	U247	X	1 (0.454)
"Benzene," (trichloromethyl)-	98077	Benzotrichloride	1*	4	U023	A	10 (4.54)
"Benzene, 1,3,5-trinitro-"	99354	"1,3,5-Trinitrobenzene"	1*	4	U234	A	10 (4.54)
Benzidine	92875	"(1,1'-Biphenyl)-" "4,4'diamine"	1*	"2,4"	U021	X	1 (0.454)
"1,2-Benzisothiazol-3(2H)-one,"	100 (45.4)	81072	Saccharin and salts		1*	4	U202 B

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"1,1-dioxide"							
Benzo[a]anthracene	56553	Benz[a]anthracene "1,2-Benzanthracene"	1*	"2,4"	U018	A	10 (4.54)
"1,3-Benzodioxol-4-ol, 2,2-" "dimethyl-, (Bendiocarb" phenol)	22961826		1*	4	U364		# #
"1,3-Benzodioxol-4-ol, 2,2-" "dimethyl-, methyl carbamate" (Bendiocarb)	22781233		1*	4	U278		# #
"1,3-Benzodioxole, 5-)" 1-propenyl)-	120581	Isosafrole	1*	4	U141	B	100 (45.4)
"1,3-Benzodioxole, 5-" (2-propenyl)-	94597	Safrole	1*	4	U203	B	100 (45.4)
"1,3-Benzodioxole, 5-" propyl-	94586	Dihydrosafrole	1*	4	U090	A	10 (4.54)
Benzo[b]fluoranthene	205992		1*	2		X	1 (0.454)
Benzo(k)fluoranthene	207089		1*	2		D	5000 (2270)
"Benzo[j,k]fluorene"	206440	Fluoranthene	1*	"2,4"	U120	B	100 (45.4)
"7-Benzofuranol, 2,3-" "dihydro-2,2-dimethyl-" (Carbofuran phenol)	1563388		1*	4	U367		# #
Benzoic acid	65850		5000	1		D	5000 (2270)
"Benzoic acid, 2-hydroxy-, compd." "with (3aS-cis)-1,2,3,3a,8,8a-" "hexahydro-1,3a,8-trimethylpyrr" "[2,3-b]indol- 5-yl methylcarba" ester (1:1) (Physostigmine salicylate)	57647	olo mate		1*	4	P188	# #
Benzonitrile	100470		1000	1		D	5000 (2270)
Benzo[rst]pentaphene	189559	"Dibenz[a,i]pyrene"	1*	4	U064	A	10 (4.54)
Benzo[ghi]perylene	191242		1*	2		D	5000 (2270)
"2H-1-Benzopyran-2-one, 4-" hydroxy-3-(3-oxo-1-phenyl- "butyl)-, & salts, when" present at concentrations greater than 0.3%	81812	"Warfarin, & salts,when" present at concentrations greater than 0.3%	1*	4	P001	B	100 (45.5)
Benzo[a]pyrene	50328	"3,4-Benzopyrene"	1*	"2,4"	U022	X	1 (0.454)
"3,4-Benzopyrene"	50328	Benzo[a]pyrene	1*	"2,4"	U022	X	1 (0.454)
p-Benzoquinone	106514	"2,5-Cyclohexadiene-" "1,4-dione"	1*	4	U197	A	10 (4.54)
Benzotrichloride	98077	"Benzene," (trichloromethyl)-	1*	4	U023	A	10 (4.54)
Benzoyl chloride	98884		1000	1		C	1000 (454)
"1,2-Benzphenanthrene"	218019	Chrysene	1*	"2,4"	U050	B	100 (45.4)
Benzyl chloride	100447	"Benzene, chloromethyl-"	100	"1,4"	P028	B	100 (45.4)
BERYLLIUM AND COMPOUNDS		N.A.		1*	2		**
Beryllium chloride	7787475		5000	1		X	1 (0.454)
Beryllium powder ++	7440417	Beryllium ++	1*	"2,3,4"	P015	A	10 (4.54)
Beryllium fluoride	7787497		5000	1		X	1 (0.454)
Beryllium nitrate	13597994 7787555		5000	1		X	1 (4.54)
alpha - BHC	319846		1*	2		A	10 (45.4)
beta - BHC	319857		1*	2		X	1 (0.454)
delta - BHC	319868		1*	2		X	1 (0.454)
gamma - BHC	58899	"Cyclohexane,"	1	"1,2,4"	U129	X	1 (0.454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
		"1,2,3,4,5,6-hexachloro-," "(1alpha,2alpha,3beta," "4alpha,5alpha,6beta)-" Hexachlorocyclohexane (gamma isomer) Lindane					
"2,2'-Bioxirane"	1464535	"1,2:3,4-Diepoxybutane"	1*	4	U085	A	10 (45.4)
"(1,1-'Biphenyl)-4,4'diamine"	92875	Benzidine	1*	"2,4"	U021	X	1 (0.454)
"[1,1'-Biphenyl]-" "4,4'diamine,3,3'dichloro-"	91941	"3,3'-Dichlorobenzidine"	1*	"2,4"	U073	X	1 (0.454)
"[1,1'-Biphenyl]-4,4'-diamine," "3,3'dimethoxy-"	119904	"3,3'-Dimethoxybenzidine"	1*	4	U091	B	100 (45.4)
"[1,1'Biphenyl]-4,4'-diamine," "3,3'-dimethyl-"	119937	"3,3'-Dimethylbenzidine"	1*	4	U095	A	10 (4.54)
Bis(2-chloroethyl) ether	111444	Dichloroethyl ether "Ethane, 1,1'- oxybis" [2-chloro-	1*	"2,4"	U025	A	10 (4.54)
Bis(2-chloroethoxy) methane	111911	Dichloromethoxy ethane "Ethane, 1,1'-[methylenebis" (oxy)]bis(2-chloro-	1*	"2,4"	U024	C	1000 (454)
Bis(dimethylthiocarbamoyl) sulfi (Tetramethylthiuram monosulfid		de 97745 e)		1*	4	U401	##
Bis (2-ethylhexyl) phthalate	117817	Diethylhexyl phthalate "1,2-Benzenedicarboxylic" "acid, [bis(2-ethylhexyl)" ester	1*]	"2,4"	U028	B	100 (45.4)
Bromoacetone	598312	"2-Propanone, 1-bromo-"	1*	4	P017	C	1000 (454)
Bromoform	75252	"Methane, tribromo-"	1*	"2,4"	U225	B	100 (45.4)
4-Bromophenyl phenyl ether	101553	"Benzene, 1-bromo-4-" phenoxy-	1*	"2,4"	U030	B	100 (45.4)
Brucine	357573	"Strychnidin-10-one," "2,3-dimethoxy-"	1*	4	P018	B	100 (45.4)
"1,3-Butadiene,1,1,2,3,4,4-" hexachloro-	87683	Hexachlorobutadiene	1*	"2,4"	U128	X	1 (0.454)
"1-Butanamine, N-butyl-N-" nitroso-	924163	N-Nitrosodi-n-butylamine	1*	4	U172	A	10 (4.54)
1-Butanol	71363	n-Butyl alcohol	1*	4	U031	D	5000 (2270)
2-Butanone	78933	Methyl ethyl ketone (MEK)	1*	4	U159	D	5000 (2270)
2-Butanone peroxide	1338234	Methyl ethyl ketone peroxide	1*	4	U160	A	10 (4.54)
"2-Butanone, 3,3-dimethyl-1-" "(methylthio)-,O[(methyl-" amino)carbonyl]oxime.	39196184	Thiofanox	1*	4	P045	B	100 (45.4)
2-Butenal	123739 4170303	Crotonaldehyde	100	"1,4"	U053	B	100 (45.4)
"2-Butene,1,4-dichloro-"	764410	"1,4-Dichloro-2-butene"	1*	4	U074	X	1 (0.454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"2-Butenoic acid, 2-methyl-," "7[[2,3-dihydroxy-2-(1-" methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-" "2,3,5,7a-tetrahydro-1H-" "pyrrolizin-1-yl ester," "[1S-[1alpha(Z), 7(2S*," "3R*),7aalpha]]-"	303344	Lasiocarpine	1*	4	U143	A	10 (4.54)
Butyl acetate	123864		5000	1		D	5000 (2270)
iso-	110190						
sec-	105464						
tert-	540885						
n-Butyl alcohol	71363	1-Butanol	1*	4	U031	D	5000 (2270)
Butylamine	109739		1000	1		C	1000 (454)
iso-	78819						
sec-	513495						
sec-	13952846						
tert-	75649						
Butyl benzyl phthalate	85687		1*	2		B	100 (45.4)
n-Butyl phthalate	84742	Di-n-butyl phthalate Dibutyl phthalate "1,2-Benzenedicarboxylic" "acid, dibutyl ester"	100	"1,2,4"	U069	A	10 (4.54)
Butyric acid	107926		5000	1		D	5000 (2270)
iso-Butyric acid	79312						
Cacodylic acid	75605	"Arsinic acid, dimethyl-"	1*	4	U136	X	1 (0.454)
Cadmium ++	7440439		1*	2		A	10 (4.54)
Cadmium acetate	543908		100	1		A	10 (4.54)
CADMIUM AND COMPOUNDS		N.A.		1*	2		**
Cadmium bromide	7789426		100	1		A	10 (4.54)
Cadmium chloride	10108642		100	1		A	10 (4.54)
Calcium arsenate	7778441		1000	1		X	1 (0.454)
Calcium arsenite	52740166		1000	1		X	1 (0.454)
Calcium carbide	75207		5000	1		A	10 (4.54)
Calcium chromate	13765190	"Chromic acid, H2CrO4," calcium salt	1000	"1,4"	U032	A	10 (4.54)
Calcium cyanide	592018	Calcium cyanide Ca(CN)2	10	"1,4"	P021	A	10 (4.54)
Calcium cyanide Ca(CN)2	592018	Calcium cyanide	10	"1,4"	P021	A	10 (4.54)
Calcium dodecylbenzene sulfonate	26264062		1000	1		C	1000 (454)
Calcium hypochlorite	7778543		100	1		A	10 (4.54)
"Camphene, octachloro-"	8001352	Toxaphene	1	"1,2,4"	P123	X	1 (0.454)
Captan	133062		10	1		A	10 (4.54)
"Carbamic acid, butyl-," 3-iodo-2-n-butylcarbamate)	55406536		1*	4	U375		##
"Carbamic acid, [1-" [(butylamino) carbonyl]-" "1H-benzimidazol-2-yl," methyl ester (Benomyl)	17804352		1*	4	U271		##
"Carbamic acid, 1H-benzimidazol" #NAME? (Carbendazim)		10605217	1*	4	U372		##

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Carbamic acid, (3-chlorophenyl)-" 4-chloro-2-butynyl ester (Barban)		", 101279"	1*	4	U280		# #
"Carbamic acid," "[(dibutylamino)thio] methyl-," "2,3-dihydro-2,2-" dimethyl-7-benzofuranyl ester (Carbosulfan)	55285148		1*	4	P189		# #
"Carbamic acid, dimethyl-,1-" [(dimethylamino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester (Dimetilan)	644644		1*	4	P191		# #
"Carbamic acid, dimethyl-," 3-methyl-1-(1-methylethyl) -1H-pyrazol-5- yl ester (Isolan)	119380		1*	4	P192		# #
"Carbamic acid," ethyl ester	51796	Ethyl carbamate (urethane)	1*	4	U238	B	100 (45.4)
"Carbamic acid, methyl-, 3-" methylphenyl ester (Metolcarb)	1129415		1*	4	P190		# #
"Carbamic acid, [1,2-" phenylenebis "(iminocarbonothioyl)]bis-," dimethyl ester (Thiophanate-methyl)	23564058		1*	4	U409		# #
"Carbamic acid, phenyl-," 1-methylethyl ester (Propham)	122429		1*	4	U373		# #
"Carbamic acid," "methylnitroso-, ethyl ester"	615532	N-Nitroso-N-methylurethane	1*	4	U178	X	1 (0.454)
"Carbamic chloride, dimethyl-"	79447		Dimethylcarbamoyl chloride			1*	4
	U097	X	1 (0.454)				
"Carbamodithioic acid, dibutyl," sodium salt (Sodium dibutyldithiocarbamate)	136301		1*	4	U379		# #
"Carbamodithioic acid, diethyl-," 2- chloro-2-propenyl ester (Sulfallate)	95067		1*	4	U277		# #
"Carbamodithioic acid, diethyl-," sodium salt (Sodium diethyldithiocarbamate)	148185		1*	4	U381		# #
"Carbamodithioic acid, dimethyl," potassium salt (Potassium dimethyldithiocarbamate)	128030		1*	4	U383		# #
"Carbamodithioic acid, dimethyl-," sodium salt (Sodium dimethyldithiocarbamate)	128041		1*	4	U382		# #
"Carbamodithioic acid, dimethyl-," tetraanhydrosulfide with orthothioselenious acid "(Selenium, tetrakis" (dimethyldithiocarbamate))	144343		1*	4	U376		# #

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Carbamodithioic acid," "(hydroxymethyl)methyl-," monopotassium salt (Potassium hydroxymethyl-n-methyldithiocarbamate)	51026289	n-	1*	4	U378		# #
"Carbamodithioic acid, methyl,-" monopotassium salt (Potassium methyldithiocarbamate)	"137417	n-	1*	4	U377		# #
"Carbamodithioic acid, methyl-," monosodium salt (Metam Sodium)	"137428		1*	4	U384		# #
"Carbamodithioic acid," "1,2-ethanediylbis," salts & esters	111546	Ethylenebisdithio- "carbamic acid, salts" & esters	1*	4	U114	D	5000 (2270)
"Carbamothioic acid," "bis(1-methylethyl)-," "S-(2,3-dichloro-2-" propenyl) ester	2303164	Diallate	1*	4	U062	B	100 (45.4)
"Carbamothioic acid, bis(1-" "methylethyl)-, S-(2,3,3-" trichloro -2-propenyl) ester (Triallate)	2303175		1*	4	U389		# #
"Carbamothioic acid, bis(2-" "methylpropyl)-, S-ethyl ester" (Butylate)	2008415		1*	4	U392		# #
"Carbamothioic acid," "butylethyl-, S-propyl" ester (Pebulate)	1114712		1*	4	U391		# #
"Carbamothioic acid," "cyclohexylethyl-, S-ethyl" ester (Cycloate)	1134232		1*	4	U386		# #
"Carbamothioic acid," "dipropyl-, S- ethyl" ester (EPTC)	759944		1*	4	U390		# #
"Carbamothioic acid," "dipropyl-, S-" (phenylmethyl) ester (Prosulfocarb)	52888809		1*	4	U387		# #
"Carbamothioic acid," "dipropyl-, S-" propyl ester (Vernolate)	1929777		1*	4	U385		# #
Carbaryl	63252		100	1		B	100 (45.4)
Carbofuran	1563662		10	1		A	10 (4.54)
Carbon disulfide	75150		5000	"1,4"	P022	B	100 (45.4)
Carbon oxyfluoride	353504	Carbonic difluoride	1*	4	U033	C	1000 (454)
Carbon tetrachloride	56235	"Methane, tetrachloro-"	5000	"1,2,4"	U211	A	10 (4.54)
"Carbonic acid," dithallium (1+) salt	6533739	Thallium(I) carbonate	1*	4	U215	B	100 (45.4)
Carbonic dichloride	75445	Phosgene	5000	"1,4"	P095	A	10 (4.54)
Carbonic difluoride	353504	Carbon oxyfluoride	1*	4	U033	C	1000 (454)
"Carbonochloridic acid," methyl ester	79221	Methyl chlorocarbonate Methyl chloroformate	1*	4	U156	C	1000 (454)
Chloral	75876	"Acetaldehyde, trichloro-"	1*	4	U034	D	5000 (2270)
Chlorambucil	305033	"Benzenebutanoic acid," 4-[bis(2-chloroethyl)amino]-	1*	4	U035	A	10 (4.54)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Chlordane	57749	"Chlordane, alpha & gamma isomers "Chlordane, technical" "4,7-Methano-1H-indene," "1,2,4,5,6,7,8,8-octa-" "chloro-2,3,3a," "4,7,7a-hexahydro-"	1	"1,2,4"	U036	X	1 (0.454)
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)		N.A.		1*	2		**
"Chlordane, alpha &" gamma isomers	57749	Chlordane "Chlordane, technical" "4,7-Methano-" "1H-indene, 1,2,4,5,6" "7,8,8-octachloro-2,3,3a," "4,7,7a-hexahydro-"	1	"1,2,4"	U036	X	1 (0.454)
"Chlordane, technical"	57749	Chlordane "Chlordane, alpha &" gamma isomers "4,7-Methano-1H-indene, 1,2" "4,5,6,7,8,8-octachloro-" "2,3,3a,4,7,7a-hexahydro-"	1	"1,2,4" ","	U036	X	1 (0.454)
CHLORINATED BENZENES	N.A.		1*	2			**
CHLORINATED ETHANES	N.A.		1*	2			**
CHLORINATED NAPHTHALENE		N.A.		1*	2		**
CHLORINATED PHENOLS	N.A.		1*	2			**
Chlorine	7782505		10	1		A	10 (4.45)
Chlornaphazine	494031	"Naphthalenamine, N,N'-" bis(2-chloroethyl)-	1*	4	U026	B	100 (45.4)
Chloroacetaldehyde	107200	"Acetaldehyde, chloro-"	1*	4	P023	C	1000 (454)
CHLOROALKYL ETHERS	N.A.		1*	2			**
p-Chloroaniline	106478	"Benzenamine, 4-chloro-"	1*	4	P024	C	1000 (454)
Chlorobenzene	108907	"Benzene, chloro-"	100	"1,2,4"	U037	B	100 (45.4)
Chlorobenzilate	510156	"Benzeneacetic acid," 4-chloro-alpha-(4-chlorophenyl)-alpha-"hydroxy-, ethyl ester"	1*	4	U038	A	10 (4.54)
4-Chloro-m-cresol	59507	p-Chloro-m-cresol "Phenol, 4-chloro-3-" methyl-	1*	"2,4"	U039	D	5000 (2270)
p-Chloro-m-cresol	59507	"Phenol, 4-chloro-3-" methyl- 4-Chloro-m-cresol	1*	"2,4"	U039	D	5000 (2270)
Chlorodibromomethane	124481		1*	2		B	100 (45.4)
Chloroethane	75003		1*	2		B	100 (45.4)
2-Chloroethyl vinyl ether	110758	"Ethene, 2-chloroethoxy-"	1*	"2,4"	U042	C	1000 (454)
Chloroform	67663	"Methane, trichloro-"	5000	"1,2,4"	U044	A	10 (4.54)
Chloromethyl methyl ether	107302	"Methane, chloromethoxy-"	1*	4	U046	A	10 (4.54)
beta-Chloronaphthalene	91587	"Napthalene, 2-chloro-" 2-Chloronaphthalene	1*	"2,4"	U047	D	5000 (2270)
2-Chloronaphthalene	91587	beta-Chloronaphthalene "Naphthalene, 2-chloro-"	1*	"2,4"	U047	D	5000 (2270)
2-Chlorophenol	95578	o-Chlorophenol "Phenol, 2-chloro-"	1*	"2,4"	U048	B	100 (45.4)
o-Chlorophenol	95578	"Phenol, 2-chloro-" 2-Chlorophenol	1*	"2,4"	U048	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
4-Chlorophenyl phenyl ether	7005723		1*	2		D	5000 (2270)
1-(o-Chlorophenyl)thiourea	5344821	"Thiourea, (2-" chlorophenyl)-	1*	4	P026	B	100 (45.4)
3-Chloropropionitrile	542767	"Propanenitrile, 3-" chloro-	1*	4	P027	C	1000 (454)
Chlorosulfonic acid	7790945		1000	1		C	1000 (454)
"4-Chloro-o-toluidine," hydrochloride	3165933	"Benzenamine," "4-chloro-2-methyl-," hydrochloride	1*	4	U049	B	100 (45.4)
Chlorpyrifos	2921882		1	1		X	1 (0.454)
Chromic acetate	1066304		1000	1		C	1000 (454)
Chromic acid	11115745 7738945		1000	1		A	10 (4.54)
Chromic acid "H2CrO4, calcium" salt	13765190	Calcium chromate	1000	"1,4"	U032	A	10 (4.45)
Chromic sulfate	10101538		1000	1		C	1000 (454)
Chromium ++	7440473		1*	2		D	5000 (2270)
CHROMIUM AND COMPOUNDS		N.A.		1*	2		**
Chromous chloride	10049055		1000	1		C	1000 (454)
Chrysene	218019	"1,2-Benzphenanthrene"	1*	"2,4"	U050	B	100 (45.4)
Cobaltous bromide	7789437		1000	1		C	1000 (454)
Cobaltous formate	544183		1000	1		C	1000 (454)
Cobaltous sulfamate	14017415		1000	1		C	1000 (454)
Coke Oven Emissions	N.A.		1*	3		X	1 (0.454)
COPPER AND COMPOUNDS		N.A.		1*	2		**
Copper ++	7440508		1*	2		D	5000 (2270)
"Copper, bis" "(dimethylcarbamodithioato-S,S'" (Cooper dimethyldithiocarbamat	137291	)-e)	1*	4	U393		# #
Copper cyanide	544923	Copper cyanide CuCN	1*	4	P029	A	10 (4.54)
Copper cyanide CuCN	544923	Copper cyanide	1*	4	P029	A	10 (4.54)
Coumaphos	56724		10	1		A	10 (4.54)
Creosote	8001589		1*	4	U051	X	1 (0.454)
Cresol(s)	1319773	Cresylic acid "Phenol, methyl-"	1000	"1,4"	U052	C	1000 (454)
m-Cresol	108394	m-Cresylic acid					
o-Cresol	95487	o-Cresylic acid					
p-Cresol	106445	p-Cresylic acid					
Cresylic acid	1319773	Cresol(s) "Phenol, methyl-"	1000	"1,4"	U052	C	1000 (454)
m-Cresol	108394	m-Cresylic acid					
o-Cresol	95487	o-Cresylic acid					
p-Cresol	106445	p-Cresylic acid					
Crotonaldehyde	123739 4170303	2-Butenal	100	"1,4"	U053	B	100 (45.4)
Cumene	98828	"Benzene, 1-methylethyl-"	1*	4	U055	D	5000 (2270)
Cupric acetate	142712		100	1		B	100 (45.4)
Cupric acetoarsenite	12002038		100	1		X	1 (0.454)
Cupric chloride	7447394		10	1		A	10 (4.54)
Cupric nitrate	3251238		100	1		B	100 (45.4)
Cupric oxalate	5893663		100	1		B	100 (45.4)
Cupric sulfate	7758987		10	1		A	10 (4.54)
Cupric sulfate ammoniated	10380297		100	1		B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Cupric tartrate	815827		100	1		B	100 (45.4)
CYANIDES	N.A.		1*	2			**
Cyanides (soluble salts and complexes) not otherwise specified	57125		1*	4	P030	A	10 (4.54)
Cyanogen	460195	Ethanedinitrile	1*	4	P031	B	100 (45.4)
Cyanogen bromide	506683	Cyanogen bromide (CN)Br	1*	4	U246	C	1000 (454)
Cyanogen bromide (CN)Br (CN)Br	506683	Cyanogen bromide	1*	4	U246	C	1000 (454)
Cyanogen chloride	506774	Cyanogen chloride (CN)Cl	10	"1,4"	P033	A	10 (4.54)
Cyanogen chloride (CN)Cl	506774	Cyanogen chloride	10	"1,4"	P033	A	10 (4.45)
"2,5-Cyclohexadiene-" "1,4-dione"	106514	p-Benzoquinone	1*	4	U197	A	10 (4.54)
Cyclohexane	110827	"Benzene, hexahydro-"	1000	"1,4"	U056	C	1000 (454)
"Cyclohexane, 1,2,3," "4,5-6-hexachloro-," "(1alpha,2alpha," " 3beta,4alpha,5alpha," 6beta)-	58899	gamma-BHC Hexachlorocyclohexane (gamma isomer) Lindane	1	"1,2,4"	U129	X	1 (0.454)
Cyclohexanone	108941		1*	4	U057	D	5000 (2270)
"2-Cyclohexyl-4,6-" dinitrophenol	131895	"Phenol, 2-cyclohexyl-" "4,6-dinitro-"	1*	4	P034	B	100 (45.4)
"1,3-Cyclopentadiene," "1,2,3,4,5,5-hexachloro-"	77474	Hexachlorocyclopenta-diene	1	"1,2,4"	U130	A	10 (4.54)
Cyclophosphamide	50180	"2H-1,3,2-" Oxazaphosphorin-2-"amine," "N,N-bis(2-chloro" "ethyl)tetrahydro-,2-" oxide	1*	4	U058	A	10 (4.54)
"2,4-D Acid"	94757	"Acetic acid (2,4-" dichlorophenoxy)- "2,4-D, salts and esters"	100	"1,4"	U240	B	100 (45.4)
"2,4-D Esters"	94111 94791 94804 1320189 1928387 1928616 1929733 2971382 25168267 53467111		100	1		B	100 (45.4)
"2,4-D, salts and esters"	94757	"Acetic acid (2,4-di-" "chlorophenoxy)-2,4-" D Acid	100	"1,4"	U240	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Daunomycin	20830813	"5,12-Naphthacenedione," "8-acetyl-10-[3-amino-" "2,3,6-trideoxy-alpha-" L-lyxo-hexo-pyranosyl) "oxy]-7,8,9,10-tetra-" "hydro-6,8,11-trihydroxy-" "1-methoxy-,(8S-cis)-"	1*	4	U059	A	10 (4.54)
DDD	72548	"Benzene, 1,1'-(2,2-di-" chloroethylidene)bis [4-chloro- TDE "4,4' DDD"	1	"1,2,4"	U060	X	1 (0.454)
"4,4' DDD"	72548	"Benzene, 1,1'-(2,2-di-" chloroethylidene)bis [4-chloro- DDD TDE	1	"1,2,4"	U060	X	1 (0.454)
DDE	72559	"4,4' DDE"	1*	2		X	1 (0.454)
"4,4' DDE"	72559	DDE	1*	2		X	1 (0.454)
DDT	50293	"Benzene, 1,1'-(2,2,2-" trichloroethylidene) bis[4-chloro- "4,4'DDT"	1	"1,2,4"	U061	X	1 (0.454)
"4,4'DDT"	50293	"Benzene, 1,1'-(2,2,2-" trichloroethylidene) bis[4-chloro- DDT	1	"1,2,4"	U061	X	1 (0.454)
DDT AND METABOLITES	N.A.		1*	2			**
Diallate	2303164	"Carbamothioic acid, bis" "(1-methylethyl)-, S-(2,3" - dichloro-2-propenyl) ester	1*	4	U062	B	100 (45.4)
Diazinon	333415		1	1		X	1 (0.454)
"Dibenz[a,h]anthracene"	53703	"Dibenzo[a,h]anthracene" "1,2:5,6-Dibenzanthracene"	1*	"2,4"	U063	X	1 (0.454)
"1,2:5,6-" Dibenzanthracene	53703	"Dibenz[a,h]anthracene" "Dibenzo[a,h]anthracene"	1*	"2,4"	U063	X	1 (0.454)
"Dibenzo[a,h]anthracene"	53703	"Dibenz[a,h]anthracene" "1,2:5,6-" Dibenzanthracene	1*	"2,4"	U063	X	1 (0.454)
"Dibenz[a,i]pyrene"	189559	Benzo[rst]pentaphene	1*	4	U064	A	10 (4.54)
"1,2-Dibromo-3-" chloropropane	96128	"Propane, 1,2-dibromo-3-" chloro-	1*	4	U066	X	1 (0.454)
Dibutyl phthalate	84742	Di-n-butyl phthalate n-Butyl phthalate "1,2-Benzenedicarboxylic" "acid, dibutyl ester"	100	"1,2,4"	U069	A	10 (4.54)
Di-n-butyl phthalate	84742	Dibutyl phthalate n-Butyl phthalate "1,2-Benzenedicarboxylic" "acid, dibutyl ester"	100	"1,2,4"	U069	A	10 (4.54)
Dicamba	1918009		1000	1		C	1000 (454)
Dichlobenil	1194656		1000	1		B	100 (45.4)
Dichlone	117806		1	1		X	1 (0.454)
Dichlorobenzene	25321226		100	1		B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"1,2-Dichlorobenzene"	95501	"Benzene, 1,2-dichloro-" o-Dichlorobenzene	100	"1,2,4"	U070	B	100 (45.4)
"1,3-Dichlorobenzene"	541731	"Benzene, 1,3-dichloro" m-Dichlorobenzene	1*	"2,4"	U071	B	100 (45.4)
"1,4-Dichlorobenzene"	106467	"Benzene, 1,4-dichloro" p-Dichlorobenzene	100	"1,2,4"	U072	B	100 (45.4)
m-Dichlorobenzene	541731	"Benzene, 1,3-dichloro" "1,3-Dichlorobenzene"	1*	"2,4"	U071	B	100 (45.4)
o-Dichlorobenzene	95501	"Benzene, 1,2-dichloro" "1,2-Dichlorobenzene"	100	"1,2,4"	U070	B	100 (45.4)
p-Dichlorobenzene	106467	"Benzene, 1,4-dichloro" "1,4-Dichlorobenzene"	100	"1,2,4"	U072	B	100 (45.4)
DICHLOROBENZIDINE	N.A.		1*	2			**
"3,3'-Dichlorobenzidine"	91941	"[1,1'-Biphenyl]-" "4,4'diamine,3,3'dichloro"	1* -	"2,4"	U073	X	1 (0.454)
Dichlorobromomethane	75274		1*	2		D	5000 (2270)
"1,4-Dichloro-2-butene"	764410	"2-Butene, 1,4-dichloro-"	1*	4	U074	X	1 (0.454)
Dichlorodifluoromethane	75718	"Methane," dichlorodifluoro-	1*	4	U075	D	5000 (2270)
"1,1-Dichloroethane"	75343	"Ethane, 1,1-dichloro-" Ethylidene dichloride	1*	"2,4"	U076	C	1000 (454)
"1,2-Dichloroethane"	107062	"Ethane, 1,2-dichloro-" Ethylene dichloride	5000	"1,2,4"	U077	B	100 (45.4)
"1,1-Dichloroethylene"	75354	"Ethene, 1,1-dichloro-" Vinylidene chloride	5000	"1,2,4"	U078	B	100 (45.4)
"1,2-Dichloroethylene"	156605	"Ethene, 1,2-" dichloro-(E)	1*	"2,4"	U079	C	1000 (454)
Dichloroethyl ether	111444	Bis (2-chloroethyl) ether "Ethane, 1,1'-" oxybis[2-chloro-	1*	"2,4"	U025	A	10 (4.54)
Dichloroisopropyl ether	108601	"Propane, 2,2'-" oxybis[2-chloro-	1*	"2,4"	U027	C	1000 (454)
Dichloromethoxy ethane	111911	Bis(2-chloroethoxy) methane "Ethane, 1,1'-" [methylenebis(oxy)]bis (2-chloro-	1*	"2,4"	U024	C	1000 (454)
Dichloromethyl ether	542881	"Methane, oxybis(chloro-"	1*	4	P016	A	10 (4.54)
"2,4-Dichlorophenol"	120832	"Phenol, 2,4-dichloro-"	1*	"2,4"	U081	B	100 (45.4)
"2,6-Dichlorophenol"	87650	"Phenol, 2,6-dichloro-"	1*	4	U082	B	100 (45.4)
Dichlorophenylarsine	696286	"Arsonous dichloride," phenyl-	1*	4	P036	X	1 (0.454)
Dichloropropane "1,1-Dichloropropane" "1,3-Dichloropropane"	26638197 78999 142289		5000	1		C	1000 (454)
"1,2-Dichloropropane"	78875	"Propane, 1,2-dichloro-" Propylene dichloride	5000	"1,2,4"	U083	C	1000 (454)
Dichloropropane - Dichloropropene (mixture)	8003198		5000	1		B	100 (45.4)
Dichloropropene "2,3-Dichloropropene"	26952238 78886		5000	1		B	100 (45.4)
"1,3-Dichloropropene"	542756	"1-Propene,1,3-" dichloro-	5000	"1,2,4"	U084	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"2,2-Dichloropropionic" acid	75990		5000	1		D	5000 (2270)
Dichlorvos	62737		10	1		A	10 (4.54)
Dicofol	115322		5000	1		A	10 (4.54)
Dieldrin	60571	"2,7:3,6-Dimethano-" "naphth[2,3-b]oxirene," "3,4,5,6,9,9-hexachloro-" "1a,2,2a,3,6,6a,7,7a-" "octahydro-," "(1aalpha,2beta,2aalpha," "3beta,6beta, 6aalpha," "7beta,7aalpha)-"	1	"1,2,4"	P037	X	1 (0.454)
"1,2:3,4-Diepoxybutane"	1464535	"2,2'-Bioxirane"	1*	4	U085	A	10 (4.54)
Diethylamine	109897		1000	1		B	100 (45.4)
Diethylarsine	692422	"Arsine, diethyl-"	1*	4	P038	X	1 (0.454)
"1,4-Diethylenedioxide"	123911	"1,4-Dioxane"	1*	4	U108	B	100 (45.4)
Diethylhexyl phthalate	117817	Bis (2-ethylhexyl) phthalate "1,2-Benzene-" "dicarboxylic acid, [bis" (2-ethylhexyl)] ester	1*	"2,4"	U028	B	100 (45.4)
"N,N'-Diethylhydrazine"	1615801	"Hydrazine, 1,2-diethyl-"	1*	4	U086	A	10 (4.54)
"O,O-Diethyl S-" methyl dithiophosphate	3288582	"Phosphorodithioic acid," "O,O-diethyl S-methyl" ester	1*	4	U087	D	5000 (2270)
Diethyl-p-nitrophenyl phosphate	311455	"Phosphoric acid, diethyl" 4-nitrophenyl ester	1*	4	P041	B	100 (45.4)
Diethyl phthalate	84662	"1,2-Benzenedicarboxylic" "acid, diethyl ester"	1*	"2,4"	U088	C	1000 (454)
"O,O-Diethyl O-pyrazinyl" phosphorothioate	297972	"Phosphorothioic acid," "O,O-diethyl O-" pyrazinyl ester	1*	4	P040	B	100 (45.4)
Diethylstilbestrol	56531	"Phenol, 4,4'-(1,2-" "diethyl-1,2-ethenediyl)" "bis-,(E)"	1*	4	U089	X	1 (0.454)
Dihydrosafrole	94586	"1,3-Benzodioxole, 5-" propyl-	1*	4	U090	A	10 (4.54)
Diisopropylfluorophosphate	55914	Phosphorofluoridic "acid, bis(1-methylethyl)" ester	1*	4	P043	B	100 (45.4)
"1,4,5,8-Dimethano-" " napthalene, 1,2,3,4," "10,10-10-hexachloro-" "1,4,4a,5,8,8a-hexa-" "hydro-, (1alpha," "4alpha,4abeta,5alpha,8alpha," "8abeta)-1,4," "5,8-Dimethanonaphthalene," "1,2,3,4,10,10-hexachloro-" "1,4,4a,5,8,8a-hexahydro," "(1alpha,4alpha,4abeta," "5abeta,8beta,"	309002 465736	Aldrin Isodrin	1 1*	"1,2,4" 4	P004 P060	X X	1 (0.454) 1 (0.454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"8abeta)- 2,7:3,6-Dimethano-" "naphth[2,3-b]oxirene," "3,4,5,6,9,9-hexachloro-" "1a,2,2a,3,6,6a,7,7a-" "octahydro-,(1aalpha,2beta," "2aalpha,3beta,6beta," "6aalpha,7beta,7aalpha)-"	60571	Dieldrin	1	"1,2,4"	P037	X	1 (0.454)
"2,7:3,6-Dimethanonaphth" "[2,3-b]oxirene," "3,4,5,6,9,9-hexachloro-" "1a,2,2a,3,6,6a,7,7a-" "octa-hydro-,(1aalpha," "2beta,2abeta,3alpha,6alpha," "6alpha,6abeta,7beta"	72208	Endrin "Endrin, & metabolites"	1	"1,2,4"	P051	X	1 (0.454)
7alpha)-Dimethoate	60515	"Phosphorodithioic acid," "O,O-dimethyl S-[2" (methylamino)-2-oxo-ethyl] ester	1*	4	P044	A	10 (4.54)
"3,3'-Dimethoxybenzidine"	119904	"[1,1'-Biphenyl]-" "4,4'diamine,3,3'" dimethoxy-	1*	4	U091	B	100 (45.4)
Dimethylamine	124403	"Methanamine," N-methyl-	1000	"1,4"	U092	C	1000 (454)
p-Dimethylamino-azobenzene	60117	"Benzenamine, N,N-" dimethyl-4-(phenylazo-)	1*	4	U093	A	10 (4.54)
"7,12-Dimethylbenz[a]" anthracene	57976	"Benz[a]anthracene," "7,12-dimethyl-"	1*	4	U094	X	1 (0.454)
"3,3'-Dimethylbenzidine"	119937	"[1,1'Biphenyl]-4,4'-" "diamine,3,3'-dimethyl-"	1*	4	U095	A	10 (4.54)
"alpha,alpha-" Dimethylbenzyl-hydroperoxide	80159	"Hydroperoxide, 1-methyl-" 1-phenylethyl-	1*	4	U096	A	10 (4.54)
Dimethylcarbamoyl chloride	79447	"Carbamic chloride," dimethyl-	1*	4	U097	X	1 (0.454)
"1,1-Dimethylhydrazine"	57147	"Hydrazine,1,1-dimethyl-"	1*	4	U098	A	10 (4.54)
"1,2-Dimethylhydrazine"	540738	"Hydrazine,1,2-dimethyl-"	1*	4	U099	X	1 (0.454)
"alpha,alpha-" Dimethylphenethylamine	122098	"Benzeneethanamine," "alpha,alpha-dimethyl-"	1*	4	P046	D	5000 (2270)
"2,4-Dimethylphenol"	105679	"Phenol, 2,4-dimethyl-"	1*	"2,4"	U101	B	100 (45.4)
Dimethyl phthalate	131113	"1,2-Benzenedicarboxylic" "acid, dimethyl ester"	1*	"2,4"	U102	D	5000 (2270)
Dimethyl sulfate	77781	"Sulfuric acid, dimethyl" ester	1*	4	U103	B	100 (45.4)
Dinitrobenzene (mixed)	25154545		1000	1		B	100 (45.4)
m-Dinitrobenzene	99650						
o-Dinitrobenzene	528290						
p-Dinitrobenzene	100254						
"4,6-Dinitro-o-cresol" and salts	534521	"Phenol, 2-methyl-4,6-" dinitro-	1*	"2,4"	P047	A	10 (4.54)
Dinitrophenol	25550587		1000	1		A	10 (4.54)
" 2,5-Dinitrophenol"	329715						
"2,6-Dinitrophenol"	573568						
"2,4-Dinitrophenol"	51285	"Phenol, 2,4-dinitro-"	1000	"1,2,4"	P048	A	10 (4.54)
Dinitrotoluene	25321146		1000	"1,2"		A	10 (4.54)
"3,4-Dinitrotoluene"	610399						

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"2,4-Dinitrotoluene"	121142	"Benzene,1-methyl-2,4-" dinitro-	1000	"1,2,4"	U105	A	10 (4.54)
"2,6-Dinitrotoluene"	606202	"Benzene,2-methyl-1,3-" dinitro-	1000	"1,2,4"	U106	B	100 (45.4)
Dinoseb	88857	"Phenol, 2-(1-methyl-" "propyl)-4,6-dinitro"	1*	4	P020	C	1000 (454)
Di-n-octyl phthalate	117840	"1,2-Benzenedicarboxylic" "acid, dioctyl ester"	1*	"2,4"	U107	D	5000 (2270)
"1,4-Dioxane"	123911	"1,4-Diethylenedioxide"	1*	4	U108	B	100 (45.4)
DIPHENYLHYDRAZINE	N.A.		1*	2			**
"1,2-Diphenylhydrazine"	122667	"Hydrazine,1,2-diphenyl-"	1*	"2,4"	U109	A	10 (4.54)
"Diphosphoramide," octamethyl-	152169	Octamethylpyrophos-phoramide	1*	4	P085	B	100 (45.4)
"Diphosphoric acid," tetraethyl ester	107493	Tetraethyl pyrophos-phate	100	"1,4"	P111	A	10 (4.54)
Dipropylamine	142847	"1-Propanamine,N-propyl-"	1*	4	U110	D	5000 (2270)
Di-n-propylnitrosamine	621647	"1-Propanamine,N-nitroso-" N-propyl-	1*	"2,4"	U111	A	10 (4.54)
Diquat	85007 2764729		1000	1		C	1000 (454)
Disulfoton	298044	"Phosphorodithioic acid," "o,o-diethyl S-[2-" (ethylthio)ethyl]ester	1	"1,4"	P039	X	1 (0.454)
Dithiobiuret	541537	Thiomidodicarbonic diamide [(H2N) C(S)] 2NH	1*	4	P049	B	100 (45.4)
"1,3-Dithiolane-2-" "carboxaldehyde, 2,4-dimethyl-," O-[(methylamino) carbonyl]oxime (Tirpate)	26419738		1*	4	P185		##
Diuron	330541		100	1		B	100 (45.4)
Dodecylbenzenesul-fonic acid	27176870		1000	1		C	1000 (454)
Endosulfan	115297	"6,9-Methano-2,4,3-" "benzodioxathiepin," "6,7,8,9,10,10-hexa-" "chloro-1,5,5a,6,9,9a-" "hexahydro-, 3-oxide"	1	"1,2,4"	P050	X	1 (0.454)
alpha - Endosulfan	959988		1*	2		X	1 (0.454)
beta - Endosulfan	33213659		1*	2		X	1 (0.454)
ENDOSULFAN AND METABOLITES		N.A.	1*	2			**
Endosulfan sulfate	1031078		1*	2		X	1 (0.454)
Endothall	145733	7-Oxabicyclo[2.2.1] "heptane-2,3-" dicarboxylic acid	1*	4	P088	C	1000 (454)
Endrin	72208	"Endrin, & metabolites" "2,7:3,6-Dimethano-" "naphth[2,3-b]oxirene," "3,4,5,6,9,9-hexachloro-" "1a,2,2a,3,6,6a,7,7a-" "octa-hydro-,(1aalpha," "2beta,2abeta,3alpha," "6alpha,6abeta,7beta," 7aalpha)-	1	"1,2,4"	P051	X	1 (0.454)
Endrin aldehyde	7421934		1*	2		X	1 (0.454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
ENDRIN AND METABOLITES		N.A.		1*	2		**
"Endrin, & metabolites"	72208	"Endrin 2,7:3,6-Dimeth-" "anonaphth[2,3-b]" "oxirene, 3,4,5,6,9,9-" "hexachloro-1a,2,2a,3," "6,6a,7,7a-octa-hydro-," "(1aalpha,2beta,2abeta," "3alpha,6alpha," "6abeta,7beta,7aalpha)-"	1	"1,2,4"	P051	X	1 (0.454)
Epichlorohydrin	106898	"Oxirane, (chloromethyl)-"	1000	"1,4"	U041	B	100 (45.4)
Epinephrine	51434	"1,2-Benzenediol, 4-[1-" hydroxy-2-(methylamino)ethyl]-	1*	4	P042	C	1000 (454)
Ethanal	75070	Acetaldehyde	1000	"1,4"	U001	C	1000 (454)
"Ethanamine, N-ethyl-N-nitroso-"	55185	N-Nitrosodiethylamine	1*	4	U174	X	1 (0.454)
"1,2-Ethanediamine," "N,N-dimethyl-N'-2-" pyridinyl-N'-(2-thienylmethyl)-	91805	Methapyrilene	1*	4	U155	D	5000 (2270)
"Ethane, 1,2-dibromo-"	106934	Ethylene dibromide	1000	"1,4"	U067	X	1 (0.454)
"Ethane, 1,1-dichloro-"	75343	Ethylidene dichloride "1,1-Dichloroethane"	1*	"2,4"	U076	C	1000 (454)
"Ethane, 1,2-dichloro-"	107062	Ethylene dichloride "1,2-Dichloroethane"	5000	"1,2,4"	U077	B	100 (45.4)
Ethanedinitrile	460195	Cyanogen	1*	4	P031	B	100 (45.4)
"Ethane, hexachloro-"	67721	Hexachloroethane	1*	"2,4"	U131	B	100 (45.4)
"Ethane, 1,1'-[methylenebis" (oxy)]bis(2-chloro-	111911	Bis(2-chloroethoxy) methane Dichloromethoxy ethane	1*	"2,4"	U024	C	1000 (454)
"Ethane, 1,1'-oxybis-"	60297	Ethyl ether	1*	4	U117	B	100 (45.4)
"Ethane, 1,1'-oxybis[2-chloro-"	10 (4.54)	111444 ether Dichloroethyl ether	Bis (2-chloroethyl)		1*	"2,4"	U025 A
"Ethane, pentachloro-"	76017	Pentachloroethane	1*	4	U184	A	10 (4.54)
"Ethane, 1,1,1,2-tetrachloro-"	630206	"1,1,1,2-" Tetrachloroethane	1*	4	U208	B	100 (45.4)
"Ethane, 1,1,2,2-tetrachloro-"	79345	"1,1,2,2-" Tetrachloroethane	1*	"2,4"	U209	B	100 (45.4)
Ethanethioamide	62555	Thioacetamide	1*	4	U218	A	10 (4.54)
"Ethane, 1,1,1-trichloro-"	71556	Methyl chloroform "1,1,1-Trichloroethane"	1*	"2,4"	U226	C	1000 (454)
"Ethane, 1,1,2-trichloro-"	79005	"1,1,2-Trichloroethane"	1*	"2,4"	U227	B	100 (45.4)
"Ethanimidiothioic acid," N-[[(methylamino)carbonyl] "oxy]-, methyl ester"	16752775	Methomyl	1*	4	P066	B	100 (45.4)
"Ethanimidothioci acid, 2-" (dimethylamino-N-hydroxy-2-oxo methyl ester (A2213)	30558431	"-,"	1*	4	U394		# #
"Ethanimidothoic acid, 2-" (dimethylamino)-N-[[(methylami "carbonyl]oxy]-2-oxo-, methyl" ester (Oxamyl)	23135220	no)	1*	4	P194		# #
"Ethanimidothioic acid, N,N'-" [thiobis[(methylimino)	59669260		1*	4	U410		# #

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"carbonyloxy]] bis-," dimethyl ester (Thiodicarb)							
"Ethanol, 2-ethoxy-"	110805	Ethylene glycol mono-ethyl ether	1*	4	U359	C	1000 (454)
"Ethanol, 2,2'-" (nitrosoimino)bis-	1116547	N-Nitrosodiethanolamine	1*	4	U173	X	1 (0.454)
"Ethanol, 2,2'-oxybis-," dicarbamate (Diethylene "glycol, dicarbamate)"	5952261		1*	4	U395		# #
"Ethanone, 1-phenyl-"	98862	Acetophenone	1*	4	U004	D	5000 (2270)
"Ethene, chloro-"	75014	Vinyl chloride	1*	"2,3,4"	U043	X	1 (0.454)
"Ethene, 2-chloroethoxy-"	110758	2-Chloroethyl vinyl ether	1*	"2,4"	U042	C	1000 (454)
"Ethene, 1,1-dichloro-"	75354	Vinylidene chloride "1,1-Dichloroethylene"	5000	"1,2,4"	U078	B	100 (45.4)
"Ethene, 1,2-dichloro- (E)"	156605	"1,2-Dichloroethylene"	1*	"2,4"	U079	C	1000 (454)
"Ethene, tetrachloro-"	127184	Perchloroethylene Tetrachloroethene Tetrachloroethylene	1*	"2,4"	U210	B	100 (45.4)
"Ethene, trichloro-"	79016	Trichloroethene Trichloroethylene	1000	"1,2,4"	U228	B	100 (45.4)
Ethion	563122		10	1		A	10 (4.54)
Ethyl acetate	141786	"Acetic acid, ethyl ester"	1*	4	U112	D	5000 (2270)
Ethyl acrylate	140885	"2-Propenoic acid, ethyl" ester	1*	4	U113	C	1000 (454)
Ethylbenzene	100414		1000	"1,2"		C	1000 (454)
Ethyl carbamate (urethane)	51796	"Carbamic acid," ethyl ester	1*	4	U238	B	100 (45.4)
Ethyl cyanide	107120	Propanenitrile	1*	4	P101	A	10 (4.54)
Ethylenebisdithiocarbamic "acid, salts & esters"	111546	"Carbamodithioic acid," "1,2-ethanediylbis," salts & esters	1*	4	U114	D	5000 (2270)
Ethylenediamine	107153		1000	1		D	5000 (2270)
Ethylenediamine-tetraacetic acid (EDTA)	60004		5000	1		D	5000 (2270)
Ethylene dibromide	106934	"Ethane, 1,2-dibromo-"	1000	"1,4"	U067	X	1 (0.454)
Ethylene dichloride	107062	"Ethane, 1,2-dichloro-" "1,2-Dichloroethane"	5000	"1,2,4"	U077	B	100 (45.4)
Ethylene glycol monoethyl ether	110805	"Ethanol, 2-ethoxy-"	1*	4	U359	C	1000 (454)
Ethylene oxide	75218	Oxirane	1*	4	U115	A	10 (4.54)
Ethylenethiourea	96457	2-Imidazolidinethione	1*	4	U116	A	10 (4.54)
Ethylenimine	151564	Aziridine	1*	4	P054	X	1 (0.454)
Ethyl ether	60297	"Ethane, 1,1'-oxybis-"	1*	4	U117	B	100 (45.4)
Ethylidene dichloride	75343	"Ethane, 1,1-dichloro-" "1,1-Dichloroethane"	1*	"2,4"	U076	C	1000 (454)
Ethyl methacrylate	97632	"2-Propenoic acid," "2-methyl-, ethyl ester"	1*	4	U118	C	1000 (454)
Ethyl methanesulfonate	62500	"Methanesulfonic acid," ethyl ester	1*	4	U119	X	1 (0.454)
Famphur	52857	"Phosphorothioic acid," "O,[4-[(di-methylamino)" "sulfonyl] phenyl] O,O-" dimethyl ester	1*	4	P097	C	1000 (454)
Ferric ammonium citrate	1185575		1000	1		C	1000 (454)
Ferric ammonium oxalate	2944674		1000	1		C	1000 (454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
	55488874						
Ferric chloride	7705080		1000	1		C	1000 (454)
Ferric fluoride	7783508		100	1		B	100 (45.4)
Ferric nitrate	10421484		1000	1		C	1000 (454)
Ferric sulfate	10028225		1000	1		C	1000 (454)
Ferrous ammonium sulfate	10045893		1000	1		C	1000 (454)
Ferrous chloride	7758943		100	1		B	100 (45.4)
Ferrous sulfate	7720787 7782630		1000	1		C	1000 (454)
Fluoranthene	206440	"Benzo[j,k]fluorene"	1*	"2,4"	U120	B	100 (45.4)
Fluorene	86737		1*	2		D	5000 (2270)
Fluorine	7782414		1*	4	P056	A	10 (4.54)
Fluoroacetamide	640197	"Acetamide, 2-fluoro-"	1*	4	P057	B	100 (45.4)
"Fluoroacetic acid," sodium salt	62748	"Acetic acid, fluoro-," sodium salt	1*	4	P058	A	10 (4.54)
Formaldehyde	50000		1000	"1,4"	U122	B	100 (45.4)
Formic acid	64186		5000	"1,4"	U123	D	5000 (2270)
"Fulminic acid," mercury(2+)salt	628864	Mercury fulminate	1*	4	P065	A	10 (4.54)
Fumaric acid	110178		5000	1		D	5000 (2270)
Furan	110009	Furfuran	1*	4	U124	B	100 (45.4)
"Furan, tetrahydro-"	109999	Tetrahydrofuran	1*	4	U213	C	1000 (454)
2-Furancarboxaldehyde	98011	Furfural	1000	"1,4"	U125	D	5000 (2270)
"2,5-Furandione"	108316	Maleic anhydride	5000	"1,4"	U147	D	5000 (2270)
Furfural	98011	2-Furancarboxaldehyde	1000	"1,4"	U125	D	5000 (2270)
Furfuran	110009	Furan	1*	4	U124	B	100 (45.4)
"Glucopyranose, 2-" deoxy-2-(3-methyl-3-nitrosoureido)-	18883664	"D-Glucose, 2-deoxy-2-" [[(methylnitrosoa-mino)-carbonyl]amino] Streptozotocin	1*	4	U206	X	1 (0.454)
"D-Glucose, 2-deoxy-" 2-[[(methylnitroso-amino)-carbonyl] amino]-.	18883664	"Glucopyranose, 2-deoxy-" 2-(3-methyl-3-nitro-soureido)- Streptozotocin	1*	4	U206	X	1 (0.454)
Glycidylaldehyde	765344	Oxiranecarboxyaldehyde	1*	4	U126	A	10 (4.54)
"Guanidine, N-methyl-" N'-nitro-N-nitroso-	70257	MNNG	1*	4	U163	A	10 (4.54)
Guthion	86500		1	1		X	1 (0.454)
HALOETHERS	N.A.		1*	2			**
HALOMETHANES	N.A.		1*	2			**
Heptachlor	76448	"4,7-Methano-1H-" "indene,1,4,5,6,7,8,8-" "heptachloro-3a,4,7,7a-" tetrahydro-	1	"1,2,4"	P059	X	1 (0.454)
HEPTACHLOR AND METABOLITES		N.A.		1*	2		**
Heptachlor epoxide	1024573		1*	2		X	1 (0.454)
Hexachlorobenzene	118741	"Benzene, hexachloro-"	1*	"2,4"	U127	A	10 (4.54)
Hexachlorobutadiene	87683	"1,3-Butadiene, 1,1,2,3," "4,4-hexachloro-"	1*	"2,4"	U128	X	1 (0.454)
HEXACHLOROCYCLOHEXANE (all isomers)	608731			1*	2		**

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Hexachlorocyclohexane (gamma isomer)	58899	"Cyclohexane, 1,2,3,4,5," "6-hexachloro-,(1alpha," "2alpha,3beta,4alpha," "5alpha,6beta)-gamma-" BHC Lindane	1	"1,2,4"	U129	X	1 (0.454)
Hexachlorocyclopentadiene	77474	"1,3-Cyclopentadiene," "1,2,3,4,5,5-hexachloro-"	1	"1,2,4"	U130	A	10 (4.54)
Hexachloroethane	67721	"Ethane, hexachloro-"	1*	"2,4"	U131	B	100 (45.4)
Hexachlorophene	70304	"Phenol, 2,2'-methylene-" "bis[3,4,6-trichloro-"	1*	4	U132	B	100 (45.4)
Hexachloropropene	1888717	"1-Propene, 1,1,2,3,3,3-" hexachloro-	1*	4	U243	C	1000 (454)
Hexaethyl tetraphosphate	757584	"Tetraphosphoric acid," hexaethyl ester	1*	4	P062	B	100 (45.4)
Hydrazine	302012		1*	4	U133	X	1 (0.454)
"Hydrazine, 1,2-diethyl-"	1615801	"N,N'-Diethylhydrazine"	1*	4	U086	A	10 (4.54)
"Hydrazine, 1,1-dimethyl-"	57147	"1,1-Dimethylhydrazine"	1*	4	U098	A	10 (4.54)
"Hydrazine, 1,2-dimethyl-"	540738	"1,2-Dimethylhydrazine"	1*	4	U099	X	1 (0.454)
"Hydrazine, 1,2-diphenyl-"	122667	"1,2-Diphenylhydrazine"	1*	"2,4"	U109	A	10 (4.54)
"Hydrazine, methyl-"	60344	Methyl hydrazine	1*	4	P068	A	10 (4.54)
Hydrazinecarbothioamide	79196	Thiosemicarbazide	1*	4	P116	B	100 (45.4)
Hydrochloric acid	7647010	Hydrogen chloride	5000	1		D	5000 (2270)
Hydrocyanic acid	74908	Hydrogen cyanide	10	"1,4"	P063	A	10 (4.54)
Hydrofluoric acid	7664393	Hydrogen fluoride	5000	"1,4"	U134	B	100 (45.4)
Hydrogen chloride	7647010	Hydrochloric acid	5000	1		D	5000 (2270)
Hydrogen cyanide	74908	Hydrocyanic acid	10	"1,4"	P063	A	10 (4.54)
Hydrogen fluoride	7664393	Hydrofluoric acid	5000	"1,4"	U134	B	100 (45.4)
Hydrogen sulfide	7783064	Hydrogen sulfide H2S	100	"1,4"	U135	B	100 (45.4)
Hydrogen sulfide H2S	7783064	Hydrogen sulfide	100	"1,4"	U135	B	100 (45.4)
"Hydroperoxide," 1-methyl-1-phenylethyl-	80159	"alpha,alpha-" Dimethylbenzyl-hydroperoxide	1*	4	U096	A	10 (4.54)
2-Imidazolidinethione	96457	Ethylenethiourea	1*	4	U116	A	10 (4.54)
"Indeno(1,2,3-cd)pyrene"	193395	"1,10-(1,2-Phenylene)" pyrene	1*	"2,4"	U137	B	100 (45.4)
"Iron, tris" "(dimethylcarbamodithioato-S,S'" (Ferbam)	14484641	)-	1*	4	U396		# #
"1,3-Isobenzofurandione"	85449	Phthalic anhydride	1*	4	U190	D	5000 (2270)
Isobutyl alcohol	78831	"1-Propanol, 2-methyl-"	1*	4	U140	D	5000 (2270)
Isodrin	465736	"1,4,5,8-Dimethano-" "naphthalene, 1,2,3,4," "10,10-hexachloro-1,4," "4a,5,8,8a-hexahydro," "(1alpha,4alpha,4abeta," "5beta,8beta,8abeta)-"	1*	4	P060	X	1 (0.454)
Isophorone	78591		1*	2		D	5000 (2270)
Isoprene	78795		1000	1		B	100 (45.4)
Isopropanolamine dodecylbenzenesulfonate	42504461		1000	1		C	1000 (454)
Isosafrole	120581	"1,3-Benzodioxole, 5-)" 1-propenyl)-	1*	4	U141	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"3(2H)-Isoxazolone," 5-(aminomethyl)-	2763964	Muscimol 5-(Amino-5-(Amino-methyl)-3-isoxazolol	1*	4	P007	C	1000 (454)
Kepone	143500	"1,3,4-Metheno-2H-" cyclobutal[cd]pentalen-"2-one, 1,1a,3,3a,4," "5,5,5a,5b,6-decachloro-" octahydro-	1	"1,4"	U142	X	1 (0.454)
Lasiocarpine	303344	"2-Butenoic acid, 2-" "methyl-,7[[2,3-" dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy] "methyl]-2,3,5,7a-" tetrahydro-1H-"pyrrolizin-1-yl ester," "[1S-[1alpha(Z),7(2S*," "3R*),7aalpha]]-"	1*	4	U143	A	10 (4.54)
Lead ++	7439921		1*	2		A	10 (4.54)
Lead acetate	301042	"Acetic acid, lead(2+)" salt	5000	"1,4"	U144	A	10 (4.54)
LEAD AND COMPOUNDS	N.A.		1*	2			**
Lead arsenate	7784409 7645252 10102484		5000	1		X	1 (0.454)
"Lead, bis(acetato-" O)tetrahydroxytri	1335326	Lead subacetate	1*	4	U146	A	10 (4.54)
Lead chloride	7758954		5000	1		A	10 (4.54)
Lead fluoborate	13814965		5000	1		A	10 (4.54)
Lead fluoride	7783462		1000	1		A	10 (4.54)
Lead iodide	10101630		5000	1		A	10 (4.54)
Lead nitrate	10099748		5000	1		A	10 (4.54)
Lead phosphate	7446277	"Phosphoric acid," lead (2+) salt (2:3)	1*	4	U145	A	10 (4.54)
Lead stearate	7428480 1072351 52652592 56189094		5000	1		A	10 (4.54)
Lead subacetate	1335326	"Lead, bis(acetato-O)" tetrahydroxytri	1*	4	U146	A	10 (4.54)
Lead sulfate	15739807 7446142		5000	1		A	10 (4.54)
Lead sulfide	1314870		5000	1		A	10 (4.54)
Lead thiocyanate	592870		5000	1		A	10 (4.54)
Lindane	58899	"Cyclohexane, 1,2,3,4,5," "6-hexachloro-,(1alpha," "2alpha,3beta,4alpha," "5alpha,6beta)-gamma-BHC" Hexachlorocyclohexane (gamma isomer)	1	"1,2,4"	U129	X	1 (0.454)
Lithium chromate	14307358		1000	1		A	10 (4.54)
Malathion	121755		10	1		B	100 (45.4)
Maleic acid	110167		5000	1		D	5000 (2270)
Maleic anhydride	108316	"2,5-Furandione"	5000	"1,4"	U147	D	5000 (2270)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Maleic hydrazide	123331	"3,6-Pyridazinedione," "1,2-dihydro-"	1*	4	U148	D	5000 (2270)
Malononitrile	109773	Propanedinitrile	1*	4	U149	C	1000 (454)
"Manganese, bis" "(dimethylcarbamodithioato-S,S'" (Manganese dimethyldithiocarbamate)	15339363	)-	1*	4	P196		# #
Melphalan	148823	"L-Phenylalanine," 4-[bis(2-chloroethyl) aminol]	1*	4	U150	X	1 (0.454)
Mercaptodimethur	2032657		100	1		A	10 (4.54)
Mercuric cyanide	592041		1	1		X	1 (0.454)
Mercuric nitrate	10045940		10	1		A	10 (4.54)
Mercuric sulfate	7783359		10	1		A	10 (4.54)
Mercuric thiocyanate	592858		10	1		A	10 (4.54)
Mercurous nitrate	10415755 7782867		10	1		A	10 (4.54)
Mercury	7439976		1*	"2,3,4"	U151	X	1 (0.454)
MERCURY AND COMPOUNDS		N.A.		1*	2		**
"Mercury," (acetate-O)phenyl-	62384	Phenylmercury acetate	1*	4	P092	B	100 (45.4)
Mercury fulminate	628864	"Fulminic acid," mercury (2+) salt	1*	4	P065	A	10 (4.54)
Methacrylonitrile	126987	"2-Propenenitrile," 2-methyl-	1*	4	U152	C	1000 (454)
"Methanamine, N-methyl-"	124403	Dimethylamine	1000	"1,4"	U092	C	1000 (454)
"Methanamine, N-methyl-" N-nitroso-	62759	N-Nitrosodimethylamine	1*	"2,4"	P082	A	10 (4.54)
"Methane, bromo-"	74839	Methyl bromide	1*	"2,4"	U029	C	1000 (454)
"Methane, chloro-"	74873	Methyl chloride	1*	"2,4"	U045	B	100 (45.4)
"Methane," chloromethoxy-	107302	Chloromethyl methyl ether	1*	4	U046	A	10 (4.54)
"Methane, dibromo-"	74953	Methylene bromide	1*	4	U068	C	1000 (454)
"Methane, dichloro-"	75092	Methylene chloride	1*	"2,4"	U080	C	1000 (454)
"Methane," dichlorodifluoro-	75718	Dichlorodifluoromethane	1*	4	U075	D	5000 (2270)
"Methane, iodo-"	74884	Methyl iodide	1*	4	U138	B	100 (45.4)
"Methane, isocyanato-"	624839	Methyl isocyanate	1*	"3,4"	P064	A	10 (4.54)
"Methane, oxybis" (chloro-	542881	Dichloromethyl ether	1*	4	P016	A	10 (4.54)
Methanesulfenyl "chloride, trichloro-"	594423	Trichloromethane-sulfenyl chloride	1*	4	P118	B	100 (45.4)
"Methanesulfonic acid," ethyl ester	62500	Ethyl methanesulfonate	1*	4	U119	X	1 (0.454)
"Methane, tetrachloro-"	56235	Carbon tetrachloride	5000	"1,2,4"	U211	A	10 (4.54)
"Methane, tetranitro-"	509148	Tetranitromethane	1*	4	P112	A	10 (4.54)
"Methane, tribromo-"	75252	Bromoform	1*	"2,4"	U225	B	100 (45.4)
"Methane, trichloro-"	67663	Chloroform	5000	"1,2,4"	U044	A	10 (4.54)
"Methane, trichloro-" fluoro-	75694	Trichloromonofluoro-methane	1*	4	U121	D	5000 (2270)
Methanethiol	74931	Methylmercaptan Thiomethanol	100	"1,4"	U153	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Methanimidamide," "N,N-dimethyl-N'-" [3-[[(methylamino)carbonyl] "oxylphenyl]-, monohydrochiorid" (Formetanate hydrochloride)	23422539	e	1*	4	P198		# #
"Methanimidamide," "N,N-dimethyl-N'-" [2-methyl-4-[[(methylamino) carbonyl]oxy]phenyl]- (Formparanate)	17702577		1*	4	P197		# #
"6,9-Methano-2,4,3-" "benzodioxathiepin," "6,7,8,9,10,10-hexachloro-" "1,5,5a,6,9,9a-hexahydro-," 3-oxide	115297	Endosulfan	1	"1,2,4"	P050	X	1 (0.454)
"1,3,4-Metheno-2H-" cyclobutal[cd]pentalen- "2-one,1,1a,3,3a,4,5,5,5a," "5b,6-decachloroctahydro-"	143500	Kepone	1	"1,4"	U142	X	1 (0.454)
"4,7-Methano-1H-indene," "1,4,5,6,7,8,8-heptachloro-" "3a,4,7,7a-tetrahydro-"	76448	Heptachlor	1	"1,2,4"	P059	X	1 (0.454)
"4,7-Methano-1H-indene," "1,2,4,5,6,7,8,8-" "octachloro-2,3,3a," "4,7,7a-hexahydro-"	57749	Chlordane "Chlordane, alpha &" gamma isomers "Chlordane, technical"	1	"1,2,4"	U036	X	1 (0.454)
Methanol	67561	Methyl alcohol	1*	4	U154	D	5000 (2270)
Methapyrilene	91805	"1,2-Ethanediamine," "N,N-dimethyl-N'-2-" pyridinyl-N'-(2- thienylmethyl)-	1*	4	U155	D	5000 (2270)
Methomyl	16752775	"Ethanimidothioic acid," N-[[(methylamino) "carbonyl]oxy]-,methyl" ester	1*	4	P066	B	100 (45.4)
Methoxychlor	72435	"Benzene, 1,1'-(2,2,2-" trichloroethylidene) bis[4-methoxy-	1	"1,4"	U247	X	1 (0.454)
Methyl alcohol	67561	Methanol	1*	4	U154	D	5000 (2270)
Methyl bromide	74839	"Methane, bromo-"	1*	"2,4"	U029	C	1000 (454)
1-Methylbutadiene	504609	"1,3-Pentadiene"	1*	4	U186	B	100 (45.4)
Methyl chloride	74873	"Methane, chloro-"	1*	"2,4"	U045	B	100 (45.4)
Methyl chlorocarbonate	79221	"Carbonochloridic acid," methyl ester Methyl chloroformate	1*	4	U156	C	1000 (454)
Methyl chloroform	71556	"Ethane, 1,1,1-trichloro-" "1,1,1-Trichloroethane"	1*	"2,4"	U226	C	1000 (454)
Methyl chloroformate	79221	"Carbonochloridic acid," methyl ester Methyl chlorocarbonate	1*	4	U156	C	1000 (454)
3-Methylcholanthrene	56495	"Benz[j]aceanthrylene," "1,2-dihydro-3-methyl-"	1*	4	U157	A	10 (4.54)
"4,4'-Methylenebis(2-" chloroaniline)	101144	"Benzenamine, 4,4'-" methylenebis(2-chloro-	1*	4	U158	A	10 (4.54)
Methylene bromide	74953	"Methane, dibromo-"	1*	4	U068	C	1000 (454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Methylene chloride	75092	"Methane, dichloro-"	1*	"2,4"	U080	C	1000 (454)
Methyl ethyl ketone (MEK)	78933	2-Butanone	1*	4	U159	D	5000 (2270)
Methyl ethyl ketone peroxide	1338234	2-Butanone peroxide	1*	4	U160	A	10 (4.54)
Methyl hydrazine	60344	"Hydrazine, methyl-"	1*	4	P068	A	10 (4.54)
Methyl iodide	74884	"Methane, iodo-"	1*	4	U138	B	100 (45.4)
Methyl isobutyl ketone	108101	4-Methyl-2-pentanone	1*	4	U161	D	5000 (2270)
Methyl isocyanate	624839	"Methane, isocyanato-"	1*	"3,4"	P064	A	10 (4.54)
2-Methyllactonitrile	75865	Acetone cyanohydrin "Propanenitrile, 2-" hydroxy-2-methyl-	10	"1,4"	P069	A	10 (4.54)
Methylmercaptan	74931	Methanethiol Thiomethanol	100	"1,4"	U153	B	100 (45.4)
Methyl methacrylate	80626	"2-Propenoic acid, 2-" "methyl-, methyl ester"	5000	"1,4"	U162	C	1000 (454)
Methyl parathion	298000	"Phosphorothioic acid," "O,O-dimethyl O-(4-" nitrophenyl) ester	100	"1,4"	P071	B	100 (45.4)
4-Methyl-2-pentanone	108101	Methyl isobutyl ketone	1*	4	U161	D	5000 (2270)
Methylthiouracil	56042	"4(1H)-Pyrimidinone," "2,3-dihydro-6-methyl-" 2-thioxo-	1*	4	U164	A	10 (4.54)
Mevinphos	7786347		1	1		A	10 (4.54)
Mexacarbate	315184		1000	1		C	1000 (454)
Mitomycin C	50077	"Azirino[2',3':3,4]" "pyrrolo[1,2-a]" "indole-4,7-dione,6-" amino-8- [[(aminocarbonyl)oxy] "methyl]- 1,1a,2,8,8a,8b-" hexahydro-8a- "methoxy-5-methyl-," "[1aS-(1aalpha,8beta," "8aalpha,8balpha)]-"	1*	4	U010	A	10 (4.54)
MNNG	70257	"Guanidine, N-methyl-N'" -nitro-N-nitroso-	1*	4	U163	A	10 (4.54)
Monoethylamine	75047		1000	1		B	100 (45.4)
Monomethylamine	74895		1000	1		B	100 (45.4)
Multi Source Leachate			1*	4	F039	X	1 (0.454)
Muscimol	2763964	"3(2H)-Isoxazolone," 5-(aminomethyl)- 5-(Aminomethyl)-3- isoxazolol	1*	4	P007	C	1000 (454)
Naled	300765		10	1		A	10 (4.54)
"5,12-Naphthacenedione," 8-acetyl-10-[3-amino- " 2,3,6-trideoxy-alpha-L-" lyxo-hexopyranosyl)oxy]- "7,8,9,10-tetrahydro-" "6,8,11-trihydroxy-" "1-methoxy-,(8S-cis)-"	20830813	Daunomycin	1*	4	U059	A	10 (4.54)
1-Naphthalenamine	134327	alpha-Naphthylamine	1*	4	U167	B	100 (45.4)
2-Naphthalenamine	91598	beta-Naphthylamine	1*	4	U168	A	10 (4.54)
"Naphthalenamine, N,N'-" bis(2-chloroethyl)-	494031	Chlornaphazine	1*	4	U026	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Naphthalene	91203		5000	"1,2,4"	U165	B	100 (45.4)
"Naphthalene, 2-chloro-"	91587	beta-Chloronaphthalene 2-Chloronaphthalene	1*	"2,4"	U047	D	5000 (2270)
"1,4-Naphthalenedione"	130154	"1,4-Naphthoquinone"	1*	4	U166	D	5000 (2270)
"2,7-" Naphthalenedisulfonic "acid, 3,3'-[(3,3'-" "dimethyl-(1,1'-" "biphenyl)-4,4'-diyl)-" bis(azo)]bis(5-amino- 4-hydroxy)- tetrasodium salt.	72571	Trypan blue	1*	4	U236	A	10 (4.54)
Naphthenic acid	1338245		100	1		B	100 (45.4)
"1,4-Naphthoquinone"	130154	"1,4-Naphthalenedione"	1*	4	U166	D	5000 (2270)
alpha-Naphthylamine	134327	1-Naphthalenamine	1*	4	U167	B	100 (45.4)
beta-Naphthylamine	91598	2-Naphthalenamine	1*	4	U168	A	10 (4.54)
alpha-Naphthylthiourea	86884	"Thiourea," 1-naphthalenyl-	1*	4	P072	B	100 (45.4)
Nickel ++	7440020		1*	2		B	100 (45.4)
Nickel ammonium sulfate	15699180		5000	1		B	100 (45.4)
NICKEL AND COMPOUNDS	N.A.		1*	2			**
Nickel carbonyl	13463393	Nickel carbonyl Ni(CO) "4,(T-4)-"	1*	4	P073	A	10 (4.54)
Nickel carbonyl "Ni(CO)4, (T-4)-"	13463393	Nickel carbonyl	1*	4	P073	A	10 (4.54)
Nickel chloride	7718549 37211055		5000	1		B	100 (45.4)
Nickel cyanide	557197	Nickel cyanide Ni(CN)2	1*	4	P074	A	10 (4.54)
Nickel cyanide Ni(CN)2	557197	Nickel cyanide	1*	4	P074	A	10 (4.54)
Nickel hydroxide	12054487		1000	1		A	10 (4.54)
Nickel nitrate	14216752		5000	1		B	100 (45.4)
Nickel sulfate	7786814		5000	1		B	100 (45.4)
"Nicotine, & salts"	54115	"Pyridine, 3-(1-methyl-" "2-pyrrolidinyl)-,(S)-"	1*	4	P075	B	100 (45.4)
Nitric acid	7697372		1000	1		C	1000 (454)
"Nitric acid," thallium (1+) salt	10102451	Thallium (I) nitrate	1*	4	U217	B	100 (45.4)
Nitric oxide	10102439	Nitrogen oxide NO	1*	4	P076	A	10 (4.54)
p-Nitroaniline	100016	"Benzenamine, 4-nitro-"	1*	4	P077	D	5000 (2270)
Nitrobenzene	98953	"Benzene, nitro-"	1000	"1,2,4"	U169	C	1000 (454)
Nitrogen dioxide	10102440 10544726	Nitrogen oxide NO2	1000	"1,4"	P078	A	10 (4.54)
Nitrogen oxide NO	10102439	Nitric oxide	1*	4	P076	A	10 (4.54)
Nitrogen oxide NO2	10102440 10544726	Nitrogen dioxide	1000	"1,4"	P078	A	10 (4.54)
Nitroglycerine	55630	"1,2,3-Propanetriol," trinitrate-	1*	4	P081	A	10 (4.54)
Nitrophenol (mixed)	25154556		1000	1		B	100 (45.4)
m-Nitrophenol	554847					B	100 (45.4)
o-Nitrophenol	88755	2-Nitrophenol					
p-Nitrophenol	100027	"Phenol, 4-nitro-" 4-Nitrophenol					
o-Nitrophenol	88755	2-Nitrophenol	1000	"1,2"		B	100 (45.4)
p-Nitrophenol	100027	"Phenol, 4-nitro-" 4-Nitrophenol	1000	"1,2,4"	U170	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
2-Nitrophenol	88755	o-Nitrophenol	1000	"1,2"		B	100 (45.4)
4-Nitrophenol	100027	p-Nitrophenol "Phenol, 4-nitro-"	1000	"1,2,4"	U170	B	100 (45.4)
NITROPHENOLS	N.A.		1*	2			**
2-Nitropropane	79469	"Propane, 2-nitro-"	1*	4	U171	A	10 (4.54)
NITROSAMINES	N.A.		1*	2			**
N-Nitrosodi-n-butylamine	924163	"1-Butanamine, N-butyl-" N-nitroso-	1*	4	U172	A	10 (4.54)
N-Nitrosodiethanol-amine	1116547	"Ethanol, 2,2'-" (nitrosoimino)bis-	1*	4	U173	X	1 (0.454)
N-Nitrosodiethylamine	55185	"Ethanamine, N-ethyl-" N-nitroso-	1*	4	U174	X	1 (0.454)
N-Nitrosodimethylamine	62759	"Methanamine, N-methyl-" N-nitroso-	1*	"2,4"	P082	A	10 (4.54)
N-Nitrosodiphenylamine	86306		1*	2		B	100 (45.4)
N-Nitroso-N-ethylurea	759739	"Urea, N-ethyl-N-nitroso-"	1*	4	U176	X	1 (0.454)
N-Nitroso-N-methylurea	684935	"Urea, N-methyl-N-" nitroso	1*	4	U177	X	1 (0.454)
N-Nitroso-N-methylurethane	615532	"Carbamic acid," "methylnitroso-, ethyl" ester	1*	4	U178	X	1 (0.454)
N-Nitroso-methylvinylamine	4549400	"Vinylamine, N-methyl-" N-nitroso-	1*	4	P084	A	10 (4.54)
N-Nitrosopiperidine	100754	"Piperidine, 1-nitroso-"	1*	4	U179	A	10 (4.54)
N-Nitrosopyrrolidine	930552	"Pyrrolidine, 1-nitroso-"	1*	4	U180	X	1 (0.454)
Nitrotoluene	*1321126*		*1000*	*1*		C	*1000 (454)*
m-Nitrotoluene	99081						
o-Nitrotoluene	88722						
p-Nitrotoluene	99990						
5-Nitro-o-toluidine	99558	"Benzenamine, 2-methyl-" 5-nitro-	1*	4	U181	B	100 (45.4)
Octamethylpyro-phosphoramide	152169	"Diphosphoramide," octamethyl-	1*	4	P085	B	100 (45.4)
Osmium oxide OsO4 (T-4)	20816120	Osmium tetroxide	1*	4	P087	C	1000 (454)
Osmium tetroxide	20816120	Osmium oxide OsO4(T-4)-	1*	4	P087	C	1000 (454)
7-Oxabicyclo[2.2.1] "heptane-2,3-" dicarboxylic acid	145733	Endothall	1*	4	P088	C	1000 (454)
"1,2-Oxathiolane," "2,2-dioxide"	1120714	"1,3-Propane sultone"	1*	4	U193	A	10 (4.54)
"2H-1,3,2-" Oxazaphosphorin- "2-amine, N,N-bis(2-" chloroethyl) "tetrahydro-, 2-oxide"	50180	Cyclophosphamide	1*	4	U058	A	10 (4.54)
Oxirane	75218	Ethylene oxide	1*	4	U115	A	10 (4.54)
Oxiranecarboxyaldehyde	765344	Glycidylaldehyde	1*	4	U126	A	10 (4.54)
"Oxirane, (chloro-" methyl)-	106898	Epichlorohydrin	1000	"1,4"	U041	B	100 (45.4)
Paraformaldehyde	30525894		1000	1		C	1000 (454)
Paraldehyde	123637	"1,3,5-Trioxane," "2,4,6-trimethyl-"	1*	4	U182	C	1000 (454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Parathion	56382	Phosphorothioic "acid, O,O-diethyl O-" (4-nitrophenyl) ester	1	"1,4"	P089	A	10 (4.54)
Pentachlorobenzene	608935	"Benzene, pentachloro-"	1*	4	U183	A	10 (4.54)
Pentachloroethane	76017	"Ethane, pentachloro-"	1*	4	U184	A	10 (4.54)
Pentachloronitrobenzene (PCNB)	82688	"Benzene," pentachloronitro-	1*	4	U185	B	100 (45.4)
Pentachlorophenol	87865	"Phenol, pentachloro-"	10	"1,2,4"	U242	A	10 (4.54)
"1,3-Pentadiene"	504609	1-Methylbutadiene	1*	4	U186	B	100 (45.4)
Perchloroethylene	127184	"Ethene," tetrachloro- Tetrachloro- ethene Tetrachloroethylene	1*	"2,4"	U210	B	100 (45.4)
Phenacetin	62442	"Acetamide, N-" (4-ethoxyphenyl)-	1*	4	U187	B	100 (45.4)
Phenanthrene	85018		1*	2		D	5000 (2270)
Phenol	108952	"Benzene, hydroxy-"	1000	"1,2,4"	U188	C	1000 (454)
"Phenol, 2-chloro-"	95578	o-Chlorophenol 2-Chlorophenol	1*	"2,4"	U048	B	100 (45.4)
"Phenol, 4-chloro-3-" methyl-	59507	p-Chloro-m-cresol 4-Chloro-m-cresol	1*	"2,4"	U039	D	5000 (2270)
"Phenol, 2-cyclohexyl-" "4,6-dinitro-"	131895	"2-Cyclohexyl-4,6-" dinitrophenol	1*	4	P034	B	100 (45.4)
"Phenol, 2,4-dichloro-"	120832	"2,4-Dichlorophenol"	1*	"2,4"	U081	B	100 (45.4)
"Phenol, 2,6-dichloro-"	87650	"2,6-Dichlorophenol"	1*	4	U082	B	100 (45.4)
"Phenol, 4,4'-(1,2-" "diethyl-1,2-ethene-" "diyl)bis-,(E)"	56531	Diethylstilbestrol	1*	4	U089	X	1 (0.454)
"Phenol, 2,4-dimethyl-"	105679	"2,4-Dimethylphenol"	1*	"2,4"	U101	B	100 (45.4)
"Phenol, 2,4-dinitro-"	51285	"2,4-Dinitrophenol"	1000	"1,2,4"	P048	A	10 (4.54)
"Phenol, methyl-"	1319773	Cresol(s) Cresylic acid	1000	"1,4"	U052	C	1000 (454)
m-Cresol	108394	m-Cresylic acid					
o-Cresol	95487	o-Cresylic acid					
p-Cresol	106445	p-Cresylic acid					
"Phenol, 2-methyl-4,6-" dinitro-	534521	"4,6-Dinitro-o-cresol" and salts	1*	"2,4"	P047	A	10 (4.54)
"Phenol, 2,2'-methyl-" "enebis[3,4,6-" trichloro-	70304	Hexachlorophene	1*	4	U132	B	100 (45.4)
"Phenol, 3-(1-methylethyl)-," methyl carbamate (m-Cumenyl methylcarbamate)	64006		1*	4	P202		##
"Phenol, 3-methyl-5-" "(1-methylethyl)-, methyl" carbamate (Promecarb)	2631370		1*	4	P201		##
"Phenol, 2-(1-methyl-" "propyl)-4,6-dinitro"	88857	Dinoseb	1*	4	P020	C	1000 (454)
"Phenol, 4-nitro-"	100027	p-Nitrophenol 4-Nitrophenol	1000	"1,2,4"	U170	B	100 (45.4)
"Phenol, pentachloro-"	87865	Pentachlorophenol	10	"1,2,4"	U242	A	10 (4.54)
"Phenol, 2,3,4,6-" tetrachloro-	58902	"2,3,4,6-" Tetrachlorophenol	1*	4	U212	A	10 (4.54)
"Phenol, 2,4,5-" trichloro-	95954	"2,4,5-Trichlorophenol"	10	"1,4"	U230	A	10 (4.54)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Phenol, 2,4,6-" trichloro-	88062	"2,4,6-Trichlorophenol"	10	"1,2,4"	U231	A	10 (4.54)
"Phenol, 2,4,6-" "trinitro-," ammonium salt	131748	Ammonium picrate	1*	4	P009	A	10 (4.54)
"L-Phenylalanine,4-[bis" (2-chloroethyl)aminol]	148823	Melphalan	1*	4	U150	X	1 (0.454)
"1,10-(1,2-" Phenylene)pyrene	193395	"Indeno(1,2,3-cd)pyrene"	1*	"2,4"	U137	B	100 (45.4)
Phenylmercury acetate	62384	"Mercury, (acetato-O)" phenyl-	1*	4	P092	B	100 (45.4)
Phenylthiourea	103855	"Thiourea, phenyl-"	1*	4	P093	B	100 (45.4)
Phorate	298022	"Phosphorodithioic acid," "O,O-diethyl" "S-(ethylthio)," methyl ester	1*	4	P094	A	10 (4.54)
Phosgene	75445	Carbonic dichloride	5000	"1,4"	P095	A	10 (4.54)
Phosphine	7803512		1*	4	P096	B	100 (45.4)
Phosphoric acid	7664382		5000	1		D	5000 (2270)
"Phosphoric acid," diethyl 4-nitrophenyl ester	311455	Diethyl-p-nitrophenyl phosphate	1*	4	P041	B	100 (45.4)
"Phosphoric acid," lead(2+) salt (2:3)	7446277	Lead phosphate	1*	4	U145	A	10 (4.54)
Phosphorodithioic "acid, O,O-diethyl S-" [2-(ethylthio)ethyl] ester	298044	Disulfoton	1	"1,4"	P039	X	1 (0.454)
Phosphorodithioic "acid, O,O-diethyl" "S-(ethylthio)," methyl ester	298022	Phorate	1*	4	P094	A	10 (4.54)
Phosphorodithioic "acid, O,O-diethyl S-" methyl ester	3288582	"O,O-Diethyl S-methyl" dithiophosphate	1*	4	U087	D	5000 (2270)
"Phosphorodithioic acid," "O,O-dimethyl S-" [2(methylamino)-2-oxoethyl] ester	60515	Dimethoate	1*	4	P044	A	10 (4.54)
Phosphorofluoridic "acid, bis(1-" methylethyl) ester	55914	Diisopropyl-fluorophosphate	1*	4	P043	B	100 (45.4)
"Phosphorothioic acid," "O,O-diethyl O-" (4-nitrophenyl) ester	56382	Parathion	1	"1,4"	P089	A	10 (4.54)
"Phosphorothioic acid," "O,[4-[(dimethyl" amino) sulfonyl] "phenyl]O,O-dimethyl" ester	52857	Famphur	1*	4	P097	C	1000 (454)
"Phosphorothioic acid," "O,O-dimethyl O-(4-" nitrophenyl) ester	298000	Methyl parathion	100	"1,4"	P071	B	100 (45.4)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Phosphorothioic acid," "O,O-diethyl O-" pyrazinyl ester	297972	"O,O-Diethyl O-pyrazinyl" phosphorothioate	1*	4	P040	B	100 (45.4)
Phosphorus	7723140		1	1		X	1 (0.454)
Phosphorus oxychloride	10025873		5000	1		C	1000 (454)
Phosphorus pentasulfide	1314803	Phosphorus sulfide Sulfur phosphide	100	"1,4"	U189	B	100 (45.4)
Phosphorus sulfide	1314803	Phosphorus pentasulfide Sulfur phosphide	100	"1,4"	U189	B	100 (45.4)
Phosphorus trichloride	7719122		5000	1		C	1000 (454)
PHTHALATE ESTERS	N.A.		1*	2			**
Phthalic anhydride	85449	"1,3-Isobenzofurandione"	1*	4	U190	D	5000 (2270)
2-Picoline	109068	"Pyridine, 2-methyl-"	1*	4	U191	D	5000 (2270)
"Piperidine, 1-nitroso-"	100754	N-Nitrosopiperidine	1*	4	U179	A	10 (4.54)
"Piperidine, 1,1'-" (tetrathiodicarbonothioyl)-bis (Bis(pentamenthylene)thiuram tetrasulfide)	120547 -		1*	4	U400		# #
"Plumbane, tetraethyl-"	78002	Tetraethyl lead	100	"1,4"	P110	A	10 (4.54)
POLYCHLORINATED BIPHENYLS (PCBs)	1336363		10	"1,2"		X	1 (0.454)
Aroclor 1016	12674112	POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1221	11104282	POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1232	11141165	POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1242	53469219	POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1248	12672296	POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1254	11097691	POLYCHLORINATED BIPHENYLS (PCBs)					
Aroclor 1260	11096825	POLYCHLORINATED BIPHENYLS (PCBs)					
POLYNUCLEAR AROMATIC HYDROCARBONS.		N.A.		1*	2		**
Potassium arsenate	7784410		1000	1		X	1 (0.454)
Potassium arsenite	10124502		1000	1		X	1 (0.454)
Potassium bichromate	7778509		1000	1		A	10 (4.54)
Potassium chromate	7789006		1000	1		A	10 (4.54)
Potassium cyanide	151508	Potassium cyanide K (CN)	10	"1,4"	P098	A	10 (4.54)
Potassium cyanide K(CN)	151508	Potassium cyanide	10	"1,4"	P098	A	10 (4.54)
Potassium hydroxide	1310583		1000	1		C	1000 (454)
Potassium permanganate	7722647		100	1		B	100 (45.4)
Potassium silver cyanide	506616	"Argentate (1-)," "bis(cyano-C)-," potassium	1*	4	P099	X	1 (0.454)
Pronamide	23950585	"Benzamide," "3,5-dichloro-N-(1,1-" dimethyl-2-propynyl)-	1*	4	U192	D	5000 (2270)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Propanal, 2-methyl-2-" "(methylsulfonyl)-, O-" [(methylamino)carbonyl] oxime (Aldicarb sulfone)	1646884		1*	4	P203		# #
"Propanal, 2-methyl-2-" "(methylthio)-, O-" [(methylamino) carbonyl] oxime	116063	Aldicarb	1*	4	P070	X	1 (0.454)
1-Propanamine	107108	n-Propylamine	1*	4	U194	D	5000 (2270)
"1-Propanamine," N-propyl-	142847	Dipropylamine	1*	4	U110	D	5000 (2270)
"1-Propanamine," N-nitroso-N-propyl-	621647	Di-n-propylnitrosamine	1*	"2,4"	U111	A	10 (4.54)
"Propane, 1,2-dibromo-" 3-chloro-	96128	"1,2-Dibromo-3-" chloropropane	1*	4	U066	X	1 (0.454)
"Propane, 2-nitro-"	79469	2-Nitropropane	1*	4	U171	A	10 (4.54)
"1,3-Propane sultone"	1120714	"1,2-Oxathiolane," "2,2-dioxide"	1*	4	U193	A	10 (4.54)
"Propane, 1,2-dichloro-"	78875	Propylene dichloride "1,2-Dichloropropane"	5000	"1,2,4"	U083	C	1000 (454)
Propanedinitrile	109773	Malononitrile	1*	4	U149	C	1000 (454)
Propanenitrile	107120	Ethyl cyanide	1*	4	P101	A	10 (4.54)
"Propanenitrile," 3-chloro-	542767	3-Chloropropionitrile	1*	4	P027	C	1000 (454)
"Propanenitrile," 2-hydroxy-2-methyl-	75865	Acetone cyanohydrin 2-Methyllactonitrile	10	"1,4"	P069	A	10 (4.54)
"Propane, 2,2'oxybis" [2-chloro-	108601	Dichloroisopropyl ether	1*	"2,4"	U027	C	1000 (454)
"1,2,3-Propanetriol," trinitrate-	55630	Nitroglycerine	1*	4	P081	A	10 (4.54)
"1-Propanol, 2,3-" "dibromo-, phosphate" (3:1)	126727	"Tris(2,3-dibromopropyl)" phosphate	1*	4	U235	A	10 (4.54)
"1-Propanol, 2-methyl-"	78831	Isobutyl alcohol	1*	4	U140	D	5000 (2270)
2-Propanone	67641	Acetone	1*	4	U002	D	5000 (2270)
"2-Propanone, 1-bromo-"	598312	Bromoacetone	1*	4	P017	C	1000 (454)
Propargite	2312358		10	1		A	10 (4.54)
Propargyl alcohol	107197	2-Propyn-1-ol	1*	4	P102	C	1000 (454)
2-Propenal	107028	Acrolein	1	"1,2,4"	P003	X	1 (0.454)
2-Propenamide	79061	Acrylamide	1*	4	U007	D	5000 (2270)
"1-Propene, 1,1,2,3," "3,3-hexachloro-"	1888717	Hexachloropropene	1*	4	U243	C	1000 (454)
"1-Propene, 1,3-" dichloro-	542756	"1,3-Dichloropropene"	5000	"1,2,4"	U084	B	100 (45.4)
2-Propenenitrile	107131	Acrylonitrile	100	"1,2,4"	U009	B	100 (45.4)
"2-Propenenitrile," 2-methyl-	126987	Methacrylonitrile	1*	4	U152	C	1000 (454)
2-Propenoic acid	79107	Acrylic acid	1*	4	U008	D	5000 (2270)
"2-Propenoic acid," ethyl ester	140885	Ethyl acrylate	1*	4	U113	C	1000 (454)
"2-Propenoic acid," "2-methyl-, ethyl ester"	97632	Ethyl methacrylate	1*	4	U118	C	1000 (454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"2-Propenoic acid," "2-methyl-, methyl" ester	80626	Methyl methacrylate	5000	"1,4"	U162	C	1000 (454)
2-Propen-1-ol	107186	Allyl alcohol	100	"1,4"	P005	B	100 (45.4)
Propionic acid	79094		5000	1		D	5000 (2270)
"Propionic acid," "2-(2,4,5-" trichlorophenoxy)-	93721	"Silvex (2,4,5-TP)" "2,4,5-TP acid"	100	"1,4"	U233	B	100 (45.4)
Propionic anhydride	123626		5000	1		D	5000 (2270)
n-Propylamine	107108	1-Propanamine	1*	4	U194	D	5000 (2270)
Propylene dichloride	78875	"Propane, 1,2-" dichloro- "1,2-Dichloropropane"	5000	"1,2,4"	U083	C	1000 (454)
Propylene oxide	75569		5000	1		B	100 (45.4)
"1,2-Propylenimine"	75558	"Aziridine, 2-methyl-"	1*	4	P067	X	1 (0.454)
2-Propyn-1-ol	107197	Propargyl alcohol	1*	4	P102	C	1000 (454)
Pyrene	129000		1*	2		D	5000 (2270)
Pyrethrins	121299 121211 8003347		1000	1		X	1 (0.454)
"3,6-Pyridazinedione," "1,2-dihydro-"	123331	Maleic hydrazide	1*	4	U148	D	5000 (2270)
4-Pyridinamine	504245	4-Aminopyridine	1*	4	P008	C	1000 (454)
Pyridine	110861		1*	4	U196	C	1000 (454)
"Pyridine, 2-methyl-"	109068	2-Picoline	1*	4	U191	D	5000 (2270)
"Pyridine, 3-(1-methyl-" "2-pyrrolidinyl)-,(S)"	54115	"Nicotine, & salts"	1*	4	P075	B	100 (45.4)
"2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	66751	Uracil mustard	1*	4	U237	A	10 (4.54)
"4(1H)-Pyrimidinone," "2,3-dihydro-6-" methyl-2-thioxo-	56042	Methylthiouracil	1*	4	U164	A	10 (4.54)
"Pyrrolidine," 1-nitroso-	930552	N-Nitrosopyrrolidine	1*	4	U180	X	1 (0.454)
"Pyrrolo[2,3-b] indol-5-ol," "1,2,3,3a,8,8a-hexahydro-1,3a,8" "trimethyl-, methylcarbamate" "(ester), (3aS-cis)-" (Physostigmine	57476	-	1*	4	P204		# #
Quinoline	91225		1000	1		D	5000 (2270)
RADIONUCLIDES	N.A.		1*	3			§
Reserpine	50555	Yohimban-16-carboxylic "acid, 11,17-dimethoxy-" "18-[(3,4,5-" "trimethoxybenzoyl)oxy-," "methyl ester (3beta," "16beta, 17alpha, 18beta," 20alpha)-	1*	4	U200	D	5000 (2270)
Resorcinol	108463	"1,3-Benzenediol"	1000	"1,4"	U201	D	5000 (2270)
Saccharin and salts	81072	"1,2-Benzisothiazol-" "3(2H)-one, 1,1-dioxide"	1*	4	U202	B	100 (45.4)
Safrole	94597	"1,3-Benzodioxole," 5-(2-propenyl)-	1*	4	U203	B	100 (45.4)
Selenious acid	7783008		1*	4	U204	A	10 (4.54)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Selenious acid," dithallium (1+) salt	12039520	Thallium selenite	1*	4	P114	C	1000 (454)
Selenium ++	7782492		1*	2		B	100 (45.4)
SELENIUM AND COMPOUNDS		N.A.		1*	2		**
Selenium dioxide	7446084	Selenium oxide	1000	"1,4"	U204	A	10 (4.54)
Selenium oxide	7446084	Selenium dioxide	1000	"1,4"	U204	A	10 (4.54)
Selenium sulfide	7488564	Selenium sulfide SeS2	1*	4	U205	A	10 (4.54)
Selenium sulfide SeS2	7488564	Selenium sulfide	1*	4	U205	A	10 (4.54)
Selenourea	630104		1*	4	P103	C	1000 (454)
"L-Serine, diazoacetate" (ester)	115026	Azaserine	1*	4	U015	X	1 (0.454)
Silver ++	7440224		1*	2		C	1000 (454)
SILVER AND COMPOUNDS	N.A.		1*	2			**
Silver cyanide	506649	Silver cyanide Ag (CN)	1*	4	P104	X	1 (0.454)
Silver cyanide Ag (CN)	506649	Silver cyanide	1*	4	P104	X	1 (0.454)
Silver nitrate	7761888		1	1		X	1 (0.454)
"Silvex (2,4,5-TP)"	93721	"Propionic acid, 2-(2," "4,5-trichlorophenoxy)-" "2,4,5-TP acid"	100	"1,4"	U233	B	100 (45.4)
Sodium	7440235		1000	1		A	10 (4.54)
Sodium arsenate	7631892		1000	1		X	1 (0.454)
Sodium arsenite	7784465		1000	1		X	1 (0.454)
Sodium azide	26628228		1*	4	P105	C	1000 (454)
Sodium bichromate	10588019		1000	1		A	10 (4.54)
Sodium bifluoride	1333831		5000	1		B	100 (45.4)
Sodium bisulfite	7631905		5000	1		D	5000 (2270)
Sodium chromate	7775113		1000	1		A	10 (4.54)
Sodium cyanide	143339	Sodium cyanide Na (CN)	10	"1,4"	P106	A	10 (4.54)
Sodium cyanide Na (CN)	143339	Sodium cyanide	10	"1,4"	P106	A	10 (4.54)
Sodium dodecyl-benzenesulfonate	25155300		1000	1		C	1000 (454)
Sodium fluoride	7681494		5000	1		C	1000 (454)
Sodium hydrosulfide	16721805		5000	1		D	5000 (2270)
Sodium hydroxide	1310732		1000	1		C	1000 (454)
Sodium hypochlorite	7681529 10022705		100	1		B	100 (45.4)
Sodium methylate	124414		1000	1		C	1000 (454)
Sodium nitrite	7632000		100	1		B	100 (45.4)
"Sodium phosphate, dibasic"	7558794 10039324 10140655		5000	1		D	5000 (2270)
"Sodium phosphate, tribasic"	7601549 7758294 7785844 10101890 10124568 10361894		5000	1		D	5000 (2270)
Sodium selenite	10102188 7782823		1000	1		B	100 (45.4)
Streptozotocin	18883664	"D-Glucose, 2-deoxy-2-" [[(methylnitroso-amino)-carbonyl]amino]- "Glucopyranose, 2-" deoxy-2-(3-methyl-3-nitrosoureido)-	1*	4	U206	X	1 (0.454)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Strontium chromate	7789062		1000	1		A	10 (4.54)
Strychnidin-10-one	57249	"Strychnine, & salts"	10	"1,4"	P108	A	10 (4.54)
"Strychnidin-10-one," "2,3-dimethoxy-"	357573	Brucine	1*	4	P018	B	100 (45.4)
"Strychnine, & salts"	57249	Strychnidin-10-one	10	"1,4"	P108	A	10 (4.54)
Styrene	100425		1000	1		C	1000 (454)
Sulfur monochloride	12771083		1000	1		C	1000 (454)
Sulfur phosphide	1314803	Phosphorus pentasulfide Phosphorus sulfide	100	"1,4"	U189	B	100 (45.4)
Sulfuric acid	7664939 8014957		1000	1		C	1000 (454)
"Sulfuric acid," dithallium (1+) salt	7446186 10031591	Thallium(I) sulfate	1000	"1,4"	P115	B	100 (45.4)
"Sulfuric acid," dimethyl ester	77781	Dimethyl sulfate	1*	4	U103	B	100 (45.4)
"2,4,5-T acid"	93765	"Acetic acid, (2,4,5-" trichlorophenoxy) "2,4,5-T"	100	"1,4"	U232	C	1000 (454)
"2,4,5-T amines"	2008460 1319728 3813147 6369966 6369977		100	1		D	5000 (2270)
"2,4,5-T esters"	93798 1928478 2545597 25168154 61792072		100	1		C	1000 (454)
"2,4,5-T salts"	13560991		100	1		C	1000 (454)
"2,4,5-T"	93765	"Acetic acid, (2,4,5-" trichlorophenoxy) "2,4,5-T acid"	100	"1,4"	U232	C	1000 (454)
TDE	72548	"Benzene, 1,1'-(2,2-" dichloroethylidene) bis[4-chloro- DDD "4,4' DDD"	1	"1,2,4"	U060	X	1 (0.454)
"1,2,4,5-Tetrachloro-" benzene	95943	"Benzene, 1,2,4,5-" tetrachloro-	1*	4	U207	D	5000 (2270)
"2,3,7,8-Tetrachloro-" dibenzo-p-dioxin (TCDD)	1746016		1*	2		X	1 (0.454)
"1,1,1,2-" Tetrachloroethane	630206	"Ethane, 1,1,1,2-" tetrachloro-	1*	4	U208	B	100 (45.4)
"1,1,2,2-" Tetrachloroethane	79345	"Ethane, 1,1,2,2-" tetrachloro-	1*	"2,4"	U209	B	100 (45.4)
Tetrachloroethene	127184	"Ethene, tetrachloro-" Perchloroethylene Tetrachloroethylene	1*	"2,4"	U210	B	100 (45.4)
Tetrachloroethylene	127184	"Ethene, tetrachloro-" Perchloroethylene Tetrachloroethene	1*	"2,4"	U210	B	100 (45.4)
"2,3,4,6-" Tetrachlorophenol	58902	"Phenol, 2,3,4,6-" tetrachloro-	1*	4	U212	A	10 (4.54)
Tetraethyl lead	78002	"Plumbane, tetraethyl-"	100	"1,4"	P110	A	10 (4.54)

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Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Tetraethyl-pyrophosphate	107493	"Diphosphoric acid," tetraethyl ester	100	"1,4"	P111	A	10 (4.54)
Tetraethyldithiopyro-phosphate	3689245	"Thiodiphosphoric acid," tetraethyl ester	1*	4	P109	B	100 (45.4)
Tetrahydrofuran	109999	"Furan, tetrahydro-"	1*	4	U213	C	1000 (454)
Tetranitromethane	509148	"Methane, tetranitro-"	1*	4	P112	A	10 (4.54)
"Tetraphosphoric acid," hexaethyl ester	757584	Hexaethyl tetraphosphoate	1*	4	P062	B	100 (45.4)
Thallic oxide	1314325	Thallium oxide TI203	1*	4	P113	B	100 (45.4)
Thallium ++	7440280		1*	2		C	1000 (454)
THALLIUM AND COMPOUNDS N.A.			1*	2			**
Thallium(I) acetate	563688	"Acetic acid," thallium(1+) salt	1*	4	U214	B	100 (45.4)
Thallium(I) carbonate	6533739	"Carbonic acid," dithallium(1+) salt	1*	4	U215	B	100 (45.4)
Thallium(I) chloride	7791120	Thallium chloride TlCl	1*	4	U216	B	100 (45.4)
Thallium chloride TlCl	7791120	Thallium(I) chloride	1*	4	U216	B	100 (45.4)
Thallium(I) nitrate	10102451	"Nitric acid," thallium(1+) salt	1*	4	U217	B	100 (45.4)
Thallium oxide TI203	1314325	Thallic oxide	1*	4	P113	B	100 (45.4)
Thallium selenite	12039520	"Selenious acid, dithal-"	1*	4	P114	C	1000 (454)
Thallium(I) sulfate	7446186 10031591	lium(1+) salt "Sulfuric acid," dithallium(1+) salt	1000	"1,4"	P115	B	100 (45.4)
"2H-1,3,5-Thiadiazine-2-thione,"533744 "tetrahydro-3,5-dimethyl-(Dazom"		et)	1*	4	U366		# #
Thioacetamide	62555	Ethanethioamide	1*	4	U218	A	10 (4.54)
Thiodiphosphoric "acid, tetraethyl" ester	3689245	Tetraethyldithiopyro-phosphate	1*	4	P109	B	100 (45.4)
Thiofanox	39196184	"2-Butanone," "3,3-dimethyl-1-" "(methylthio)-," O[(methylamino) carbonyl) oxime	1*	4	P045	B	100 (45.4)
Thioimidodicarbonic diamide [(H2N)C(S)] 2NH	541537	Dithiobiuret	1*	4	P049	B	100 (45.4)
Thiomethanol	74931	Methanethiol Methylmercaptan	100	"1,4"	U153	B	100 (45.4)
"Thioperoxydicarbonic diamide," tetrabutyl (Tetrabutylthiuram disulfide)		1634022		1*	4	U402	# #
"Thioperoxydicarbonic diamide," tetraethyl (Disulfiram)		97778		1*	4	U403	# #
Thioperoxydicarbonic diamide [(H2N)C(S)] "2S2, tetramethyl-"	137268	Thiram	1*	4	U244	A	10 (4.54)
Thiophenol	108985	Benzenethiol	1*	4	P014	B	100 (45.4)
Thiosemicarbazide	79196	Hydrazinecarbothioamide	1*	4	P116	B	100 (45.4)
Thiourea	62566		1*	4	U219	A	10 (4.54)
"Thiourea," (2-chlorophenyl)-	5344821	1-(o-Chlorophenyl) thiourea	1*	4	P026	B	100 (45.4)
"Thiourea," 1-naphthalenyl-	86884	alpha-Naphthylthiourea	1*	4	P072	B	100 (45.4)

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Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"Thiourea, phenyl-"	103855	Phenylthiourea	1*	4	P093	B	100 (45.4)
Thiram	137268	Thioperoxydicarbonic diamide [(H2N)C(S)] "2S2, tetramethyl-"	1*	4	U244	A	10 (4.54)
Toluene	108883	"Benzene, methyl-"	1000	"1,2,4"	U220	C	1000 (454)
Toluenediamine	95807 496720 823405 25376458	"Benzenediamine, ar-" methyl-	1*	4	U221	A	10 (4.54)
Toluene diisocyanate	584849 91087 26471625	"Benzene, 1,3-" diisocyanatomethyl-	1*	4	U223	B	100 (45.4)
o-Toluidine	95534	"Benzenamine, 2-methyl-"	1*	4	U328	B	100 (45.4)
p-Toluidine	106490	"Benzenamine, 4-methyl-"	1*	4	U353	B	100 (45.4)
o-Toluidine hydrochloride	636215	"Benzenamine, 2-methyl-," hydrochloride	1*	4	U222	B	100 (45.4)
Toxaphene	8001352	"Camphene, octachloro-"	1*	"1,2,4"	P123	X	1 (0.454)
"2,4,5-TP acid"	93721	"Propionic acid," "2-(2,4,5-trichloro-" phenoxy)- "Silvex (2,4,5-TP)"	100	"1,4"	U233	B	100 (45.4)
"2,4,5-TP esters"	32534955		100	1		B	100 (45.4)
"1H-1,2,4-Triazol-" 3-amine	61825	Amitrole	1*	4	U011	A	10 (4.54)
Trichlorfon	52686		1000	1		B	100 (45.4)
"1,2,4-Trichlorobenzene"	120821		1*	2		B	100 (45.4)
"1,1,1-Trichloroethane"	71556	"Ethane, 1,1,1-trichloro-" Methyl chloroform	1*	"2,4"	U226	C	1000 (454)
"1,1,2-Trichloroethane"	79005	"Ethane, 1,1,2-trichloro-"	1*	"2,4"	U227	B	100 (45.4)
Trichloroethene	79016	"Ethene, trichloro-" Trichloroethylene	1000	"1,2,4"	U228	B	100 (45.4)
Trichloroethylene	79016	"Ethene, trichloro-" Trichloroethene	1000	"1,2,4"	U228	B	100 (45.4)
Trichloromethane-sulfenyl chloride	594423	Methanesulfenyl "chloride, trichloro-"	1*	4	P118	B	100 (45.4)
Trichloromono-fluoromethane	75694	"Methane," trichlorofluoro-	1*	4	U121	D	5000 (2270)
Trichlorophenol	25167822		10	1		A	10 (4.54)
"2,3,4-Trichlorophenol"	15950660						
"2,3,5-Trichlorophenol"	933788						
"2,3,6-Trichlorophenol"	933755						
"2,4,5-Trichlorophenol"	95954	"Phenol, 2,4,5-trichloro-"	10*	"1,4"	U230	A	10 (4.54)
"2,4,6-Trichlorophenol"	88062	"Phenol, 2,4,6-trichloro-"	10*	"1,2,4"	U231	A	10 (4.54)
"3,4,5-Trichlorophenol"	609198						
"2,4,5-Trichlorophenol"	95954	"Phenol, 2,4,5-trichloro-"	10*	"1,4"	U230	A	10 (4.54)
"2,4,6-Trichlorophenol"	88062	"Phenol, 2,4,6-trichloro-"	10	"1,2,4"	U231	A	10 (4.54)
Triethanolamine dodecylbenzene-sulfonate	27323417		1000	1		C	1000 (454)
Triethylamine	121448		5000	1		D	5000 (2270)
Trimethylamine	75503		1000	1		B	100 (45.4)
"1,3,5-Trinitrobenzene"	99354	"Benzene, 1,3,5-" trinitro-	1*	4	U234	A	10 (4.54)

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
"1,3,5-Trioxane," "2,4,6-trimethyl-"	123637	Paraldehyde	1*	4	U182	C	1000 (454)
"Tris(2,3-dibromopropyl)" phosphate	126727	"1-Propanol, 2,3-" "dibromo-, phosphate" [(3:1)	1*	4	U235	A	10 (4.54)
Trypan blue	72571	"2,7-" Naphthalenedisulfonic "acid, 3,3'-3,3'-dimethyl" "(1,1'-biphenyl)-4,4'-diy" bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium sal	1* - l)- t	4	U236	A	10 (4.54)
Unlisted Hazardous Wastes Characteristic of Corrosivity.	N.A.		1*	4	D002	B	100 (45.4)
Unlisted Hazardous Wastes Characteristics: Characteristic of Toxicity:	N.A.		1*	4			
Arsenic (D004)	N.A.		1*	4	D004	X	1 (0.454)
Barium (D005)	N.A.		1*	4	D005	C	1000 (454)
Benzene (D018)	N.A.		1000	"1,2,3,4"	D018	A	10 (4.54)
Cadmium (D006)	N.A.		1*	4	D006	A	10 (4.54)
Carbon tetra-chloride (D019)	N.A.		5000	"1,2,4"	D019	A	10 (4.54)
Chlordane (D020)	N.A.		1	"1,2,4"	D020	X	1 (0.454)
Chlorobenzene (D021)	N.A.		100	"1,2,4"	D021	B	100 (45.4)
Chloroform (D022)	N.A.		5000	"1,2,4"	D022	A	10 (4.54)
Chromium (D007)	N.A.		1*	4	D007	A	10 (4.54)
o-Cresol (D023)	N.A.		1000	"1,4"	D023	C	1000 (454)
m-Cresol (D024)	N.A.		1000	"1,4"	D024	C	1000 (454)
p-Cresol (D025)	N.A.		1000	"1,4"	D025	C	1000 (454)
Cresol (D026)	N.A.		1000	"1,4"	D026	C	1000 (454)
"2,4-D (D016)"	N.A.		100	"1,4"	D016	B	100 (45.4)
"1,4-Dichloro-" benzene (D027)	N.A.		100	"1,2,4"	D027	B	100 (45.4)
"1,2-Dichloro-" ethane (D028)	N.A.		5000	"1,2,4"	D028	B	100 (45.4)
"1,1-Dichloro-" ethylene (D029)	N.A.		5000	"1,2,4"	D029	B	100 (45.4)
"2,4-Dinitroto-" luene (D030)	N.A.		1000	"1,2,4"	D030	A	10 (4.54)
Endrin (D012)	N.A.		1	"1,4"	D012	X	1 (0.454)
Heptachlor (and epoxide) (D031)	N.A.		1	"1,2,4"	D031	X	1 (0.454)
Hexachloroben-zene (D032)	N.A.		1*	"2,4"	D032	A	10 (4.54)
Hexachloro-butadiene (D033)	N.A.		1*	"2,4"	D033	X	1 (0.454)
Hexachloro-ethane (D034)	N.A.		1*	"2,4"	D034	B	100 (45.4)
Lead (D008)	N.A.		1*	4	D008	A	10 (4.54)
Lindane (D013)	N.A.		1	"1,4"	D013	X	1 (0.454)
Mercury (D009)	N.A.		1*	4	D009	X	1 (0.454)
Methoxychlor (D014)	N.A.		1	"1,4"	D014	X	1 (0.454)
Methyl ethyl ketone (D035)	N.A.		1*	4	D035	D	5000 (2270)

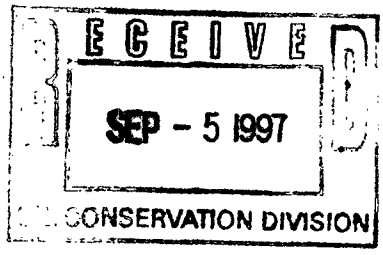
Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Nitrobenzene (D036)	N.A.		1000	"1,2,4"	D036	C	1000 (454)
Pentachloro-phenol (D037)	N.A.		10	"1,2,4"	D037	A	10 (4.54)
Pyridine (D038)	N.A.		1*	4	D038	C	1000 (454)
Selenium (D010)	N.A.		1*	4	D010	A	10 (4.54)
Silver (D011)	N.A.		1*	4	D011	X	1 (0.454)
Tetrachloro-ethylene (D039)	N.A.		1*	"2,4"	D039	B	100 (45.4)
Toxaphene (D015)	N.A.		1	"1,4"	D015	X	1 (0.454)
Trichloro-ethylene (D040)	N.A.		1000	"1,2,4"	D040	B	100 (45.4)
"2,4,5-Trichloro-" phenol (D041)	N.A.		10	"1,4"	D041	A	10 (4.54)
"2,4,6-Trichloro-" phenol (D042)	N.A.		10	"1,2,4"	D042	A	10 (4.54)
"2,4,5-TP (D017)"	N.A.		100	"1,4"	D017	B	100 (45.4)
Vinyl chloride (D043)	N.A.		1*	"2,3,4"	D043	X	1 (0.454)
Unlisted Hazardous Wastes Characteristic of Ignitability.	N.A.		1*	4	D001	B	100 (45.4)
Unlisted Hazardous Wastes Characteristic of Reactivity.	N.A.		1*	4	D003	B	100 (45.4)
Uracil mustard	66751	"2,4-(1H,3H)-Pyrimi-" "dinedione, 5-[bis(2-" chloroethyl)amino]-	1*	4	U237	A	10 (4.54)
Uranyl acetate	541093		5000	1		B	100 (45.4)
Uranyl nitrate	10102064 36478769		5000	1		B	100 (45.4)
"Urea, N-ethyl-N-" nitroso-	759739	N-Nitroso-N-ethylurea	1*	4	U176	X	1 (0.454)
"Urea, N-methyl-N-" nitroso	684935	N-Nitroso-N-methylurea	1*	4	U177	X	1 (0.454)
"Vanadic acid," ammonium salt	7803556	Ammonium vanadate	1*	4	P119	C	1000 (454)
Vanadium oxide V205	1314621	Vanadium pentoxide	1000	"1,4"	P120	C	1000 (454)
Vanadium pentoxide	1314621	Vanadium oxide V205	1000	"1,4"	P120	C	1000 (454)
Vanadyl sulfate	27774136		1000	1		C	1000 (454)
Vinyl chloride	75014	"Ethene, chloro-"	1*	"2,3,4"	U043	X	1 (0.454)
Vinyl acetate	108054	Vinyl acetate monomer	1000	1		D	5000 (2270)
Vinyl acetate monomer	108054	Vinyl acetate	1000	1		D	5000 (2270)
"Vinylamine, N-methyl-" N-nitroso-	4549400	N-Nitrosomethyl-vinylamine	1*	4	P084	A	10 (4.54)
Vinylidene chloride	75354	"Ethene, 1,1-dichloro-" "1,1-Dichloroethylene"	5000	"1,2,4"	U078	B	100 (45.4)
"Warfarin, and salts," when present at concentrations greater than 0.3%.	81812	"2H-1-Benzopyran-2-one," 4-hydroxy-3-(3-oxo-1-"phenylbutyl)-, and salts" when present at concentrations greater than 0.3%	1* ","	4	P001	B	100 (45.4)
Xylene (mixed)	1330207	"Benzene, dimethyl"	1000	"1,4"	U239	C	1000 (454)
"m-Benzene, dimethyl"	108383	m-Xylene					
"o-Benzene, dimethyl"	95476	o-Xylene					
"p-Benzene, dimethyl"	106423	p-Xylene					

Table 302.4 -- List of Hazardous Substances and Reportable Quantities

Hazardous Substance	CASRN	Regulatory Synonyms	RQ	Statutory Code	RCRA Waste No.	CAT	Final RQ [lbs&(Kg)]
Xylenol	1300716		1000	1		C	1000 (454)
Yohimban-16-carboxylic "acid,11,17-dimethoxy-" "18-[(3,4,5-" "trimethoxybenzoyl)oxy]-," " methyl ester (3beta," "16beta, 17alpha, 18beta," 20alpha)-	50555	Reserpine	1*	4	U200	D	5000 (2270)
Zinc ++	7440666		1*	2		C	1000 (454)
ZINC AND COMPOUNDS	N.A.		1*	2			**
Zinc acetate	557346		1000	1		C	1000 (454)
Zinc ammonium chloride	52628258 14639975 14639986		5000	1		C	1000 (454)
"Zinc, bis(dimethyl" "carbomodithioato -S,S')-," (Ziram)	137304		1*	4	P205		# #
"Zinc, bis(diethylcarbamo" "dithioato -S,S')-(Ethyl" Ziram)	14324551		1*	4	U407		# #
Zinc borate	1332076		1000	1		C	1000 (454)
Zinc bromide	7699458		5000	1		C	1000 (454)
Zinc carbonate	3486359		1000	1		C	1000 (454)
Zinc chloride	7646857		5000	1		C	1000 (454)
Zinc cyanide	557211	Zinc cyanide Zn(CN)2	10	"1,4"	P121	A	10 (4.54)
Zinc cyanide Zn(CN)2	557211	Zinc cyanide	10	"1,4"	P121	A	10 (4.54)
Zinc fluoride	7783495		1000	1		C	1000 (454)
Zinc formate	557415		1000	1		C	1000 (454)
Zinc hydrosulfite	7779864		1000	1		C	1000 (454)
Zinc nitrate	7779886		5000	1		C	1000 (454)
Zinc phenolsulfonate	127822		5000	1		D	5000 (2270)
Zinc phosphide	1314847 100 (45.4)	"Zinc phosphide Zn(3)P(2)," when present at concentrations greater than 10%	1000	"1,4"	P122	B	
"Zinc phosphide Zn(3)P(2)," when present at concentrations greater than 10%.	1314847	Zinc phosphide	1000	"1,4"	P122	B	100 (45.4)
Zinc silicofluoride	16871719		5000	1		D	5000 (2270)
Zinc sulfate	7733020		1000	1		C	1000 (454)
Zirconium nitrate	13746899		5000	1		D	5000 (2270)
Zirconium potassium fluoride	16923958		5000	1		C	1000 (454)
Zirconium sulfate	14644612		5000	1		D	5000 (2270)
Zirconium tetrachloride	10026116		5000	1		D	5000 (2270)

WARREN PETROLEUM COMPANY,
Limited Partnership
An NGC Company



August 19, 1997

Mr. P. W. Sanchez
Petroleum Engineer
Oil Conservation Division

Mr. Wayne Price
Environmental Engineer
Oil Conservation Engineer

Dear Sirs:
Please find enclosed, Section VIII of the Eunice Plant Discharge Plan GW-005. This is the SPCC portion of the Discharge Plan, and has recently been re-certified. Also, employee names and phone numbers have been up-dated.

Please call with any questions or comments. (505) 396-4600

Cal Wrangham
Warren Petroleum
ES&H Coordinator
NM Asset

New Mexico Asset Office
P. O. Box 1840
Lovington, NM 88260
Tel 505.396.4600
Fax 505.396.2907

WARREN PETROLEUM COMPANY,
Limited Partnership
An NGC Company

August 14, 1997

Mr. P. W. Sanchez
Petroleum Engineer
Oil Conservation Division

Mr. Wayne Price
Environmental Engineer
Oil Conservation Engineer

Dear Sirs:
On June 5, 1997 an area of oil contaminated soil near Warren Petroleum's Skaggs Compressor Station was discovered by Mr. Jerry Adams, who is the Maintenance Supervisor at Warren Petroleum Company's Monument Plant.

The contaminated soil was located roughly 100 yards southeast of the southeast fence corner at the Skaggs Booster Compressor Station. T20S R37E Sec 11. See attached TOPO map for exact location. The land is owned by Warren Petroleum. The site was a historic tank location used to collect run off from the Skaggs compressor building. This compressor station compresses green gas from the gathering system and sends it to the Monument Plant.

Mr. Adams notified Mr. Cal Wrangham, New Mexico ES&H Coordinator. Mr. Wrangham notified Mr. Pat Sanchez by telephone, of the presence of contaminated soil. At that time it was determined that Warren Petroleum would delineate the impacted area. Warren Petroleum did so, and hauled approximately 264 yards of soil to C&C Landfarm located within 2 miles of the site.

A layer of caliche was encountered approximately 4 feet deep at the southern end of the site. The layer angled up to a depth of 2 feet on the north edge. Warren opted to sample at this point, and not dig through the caliche. Mr. Wrangham then contacted Mr. Wayne Price and set up a visit to the site. It was determined by Mr. Price and Warren Pet. that vertical extent would need to be identified by TCLP and TPH analysis. Upon doing so a composite analysis of 4 sample points indicates the TPH at 2815 PPM, and TCLP results well below EPA limits. See attached analysis reports.

The existence of ground water below the site has not been determined. The State Engineer did not have any information on that section. Based on the information Warren Petroleum has found there are no water wells located within section 11. Due to the TCLP and TPH analysis Warren Petroleum

New Mexico Asset Office
P. O. Box 1840
Lovington, NM 88260
Tel 505.396.4600
Fax 505.396.2907

WARREN PETROLEUM COMPANY,
Limited Partnership
An NGC Company

does not believe ground water has been or could be impacted in the future, due to this contamination, if in fact ground water does exist.

Warren Petroleum would like to back fill the excavation to the surrounding grade, and seed the area with native grasses.

If you have any questions or concerns, please contact myself at (505) 393-2823, or Cal Wrangham at (505) 396-4600.

Mr. Mike Hicks
Monument Plant Superintendent
(505) 393-2823

MH:cww
Cc: plant file

New Mexico Asset Office
P. O. Box 1840
Lovington, NM 88260
Tel 505.396.4600
Fax 505.396.2907

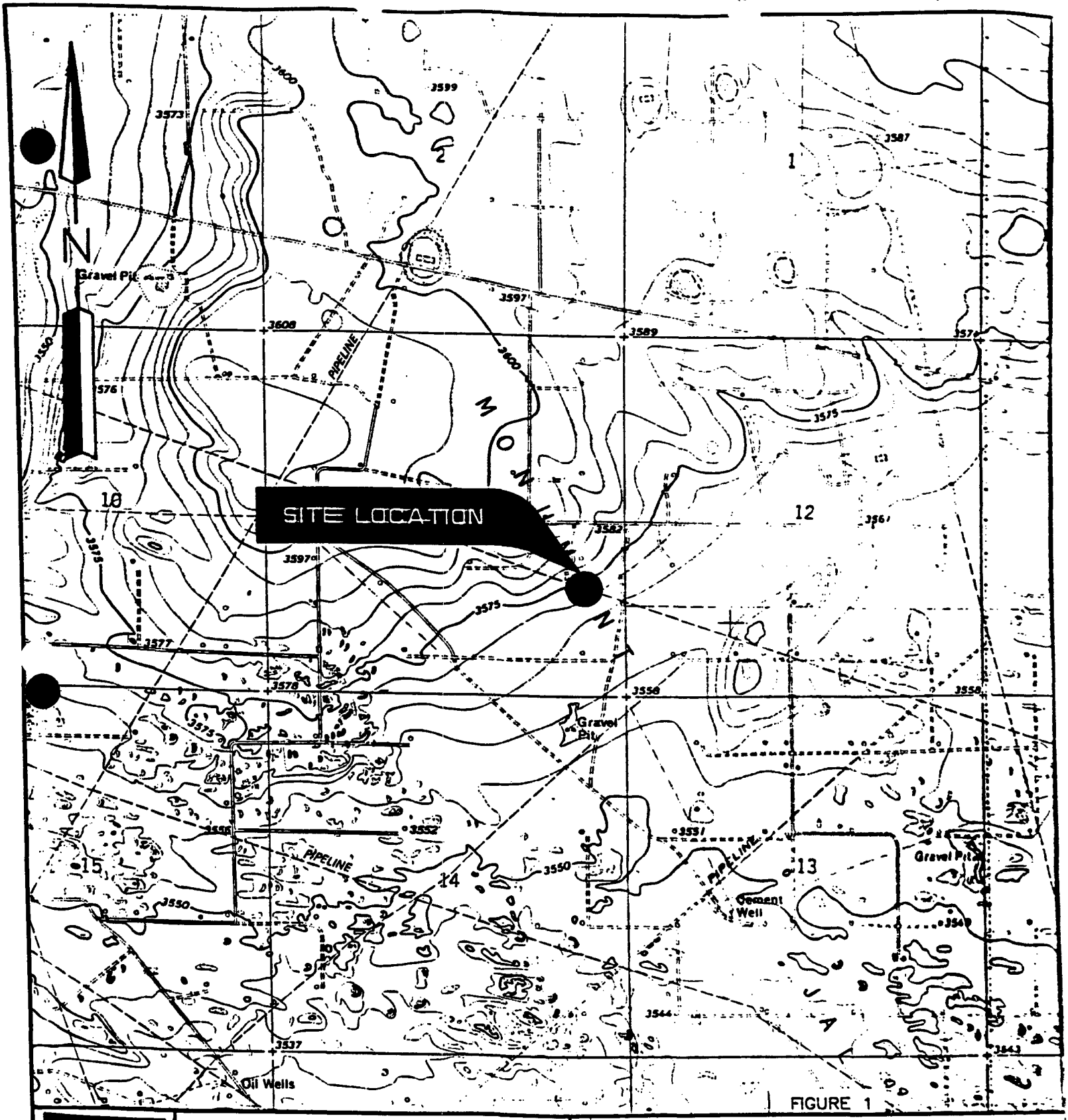


FIGURE 1

NEW MEXICO

SCALE
FEET
2000 0 2000

1" = 2000'

NOTE: BASE MAP TAKEN FROM U.S.G.S. 7.5 MINUTE TOPOGRAPHIC MAP, "HOBBS SW, N. MEX." DATED 1979, AT A SCALE OF 1:24,000.
APPROXIMATE COORDINATES: ZONE 13
UTM: X=667.420, Y=3606.747
LAT.: 32°35'14"

REVISION	BY	DATE

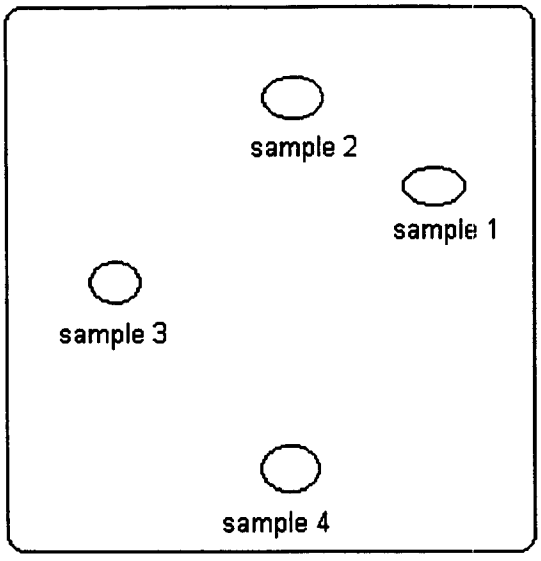
WARREN PETROLEUM COMPANY

SKAGGS – MCKEE COMPRESSOR STATION AREA LOCATION MAP

LEA COUNTY, NEW MEXICO

DRAWN	ACS	APPROVED	LMT
CHECKED	LMT	DATE	11-13-95

Approx. 50 by 50 feet in area



Sample 1 taken at 4 feet in depth
Sample 2 taken at 3 feet in depth
Sample 3 taken at 2 feet in depth
Sample 4 taken at 2 feet in depth

Note: A layer of caliche
was found at these depths.

This drawing is not to scale.

< Approx. 100 Yards >

Skaggs
Comp.
Station

North

CARDINAL LABORATORIES

PHONE 915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ___ of ___

Company Name:	Warren Petroleum
Project Manager:	Cal Wrangham
Address:	P.O. Box 1840
City:	Lovington State: NM Zip: 88260
Phone #:	396-4600
Fax #:	
Project #:	
Project Name:	Skaggs Pit
Project Location:	Skaggs Compressor Station

BILL TO:	PO #:
Company:	Warren Petroleum
Attn:	Jerry Parr
Address:	Box 67
City:	Monument
State:	NM Zip: 88265
Phone #:	393-2823
Fax #:	

LAB I.D. #	Sample I.D.	COMP(C) OR GRAB(G)	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERVATIVE: ACID:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	418.1	TCLP
H3095-1						X							7/30	11:45A	✓	
-2						X							7/30	11:45A	✓	
-3						X							7/30	11:45A	✓	
-4						X							7/30	11:45A	✓	
H3095C	COMPOSITE OF ABOVE SAMPLES															✓

PLEASE NOTE: Liability and Damages. Cardinal's sole liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

Sampler Relinquished: Cal Wrangham	Date: 7/30/97 Time: 12:05 PM	Received By:	Phone Result: ☐ Yes ☐ No Additional Fax #:
Relinquished By:	Date: 7/30/97 Time: 12:30 PM	Received By: (Lab Staff)	Fax Results: ☐ Yes ☐ No
Delivered By: (Circle One) UPS - Fed Ex - Bus - Other:	Sample Condition: Cool ☒ Yes ☐ No Intact ☒ Yes ☐ No	CHECKED BY: (Initials)	REMARKS:

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
WARREN PETROLEUM
ATTN: CAL WRANGHAM
P.O. BOX 1840
LOVINGTON, NM 88260
FAX TO:

Receiving Date: 07/30/97
Reporting Date: 08/04/97
Project Number: NOT GIVEN
Project Name: SKAGGS PIT
Project Location: SKAGGS COMPRESSOR STATION

Sampling Date: 07/30/97
Sample Type: SOIL (COMPOSITE)
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	REACTIVITY Sulfide (ppm)	REACTIVITY Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/31/97	07/31/97	07/31/97	08/04/97
H3095C	COMPOSITE OF SOILS 1,2,3,4	<50	<50	8.44	Nonflammable
Quality Control		NR	0.105	7.10	NR
True Value QC		NR	0.100	7.00	NR
% Accuracy		NR	105	101	NR
Relative Percent Difference		NR	4.8	1.4	NR

METHOD: EPA SW 846-7.3, 7.2, 1030 (proposed), 1311, *40 CFR 261*

Chemist

08/04/97
Date

H3095R.XLS

CARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
WARREN PETROLEUM
ATTN: CAL WRANGHAM
P.O. BOX 1840
LOVINGTON, NM 88260
FAX TO:

Receiving Date: 07/30/97
Reporting Date: 08/05/97
Project Number: NOT GIVEN
Project Name: SKAGGS PIT
Project Location: SKAGGS COMPRESSOR STATION
Lab Number: H3095C
Sample ID: COMPOSITE OF SOIL SAMPLES 1,2,3 & 4

Analysis Date: 08/05/97
Sampling Date: 07/30/97
Sample Type: SOIL (COMPOSITE)
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H3095C	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.004	<0.004	0.119	119	0.100
1,1-Dichloroethylene	0.7	<0.004	<0.004	0.084	84	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.091	91	0.100
Chloroform	6.0	<0.004	<0.004	0.081	81	0.100
1,2-Dichloroethane	0.5	<0.004	<0.004	0.081	81	0.100
Benzene	0.5	0.004	<0.004	0.083	83	0.100
Carbon Tetrachloride	0.5	<0.004	<0.004	0.089	89	0.100
Trichloroethylene	0.5	<0.004	<0.004	0.084	84	0.100
Tetrachloroethylene	0.7	<0.004	<0.004	0.081	81	0.100
Chlorobenzene	100	<0.004	<0.004	0.095	95	0.100
1,4-Dichlorobenzene	7.5	<0.004	<0.004	0.107	107	0.100

	% RECOVERY
Dibromofluoromethane	104
Toluene-d8	90
Bromofluorobenzene	91

METHODS: EPA SW 846-8260, 1311

Burgess J. A. Cooke, Ph. D.

8/5/97
Date

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
WARREN PETROLEUM
ATTN: CAL WRANGHAM
P.O. BOX 1840
LOVINGTON, NM 88260
FAX TO:

Receiving Date: 07/30/97
Reporting Date: 08/04/97
Project Number: NOT GIVEN
Project Name: SKAGGS PIT
Project Location: SKAGGS COMPRESSOR STATION
Lab Number: H3095C
Sample ID: COMPOSITE OF SOIL SAMPLES 1,2,3 & 4

Analysis Date: 08/01/97
Sampling Date: 07/30/97
Sample Type: SOIL (COMPOSITE)
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H3095C	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.008	<0.002	0.047	47	0.100
1,4-Dichlorobenzene	7.50	<0.008	<0.002	0.051	51	0.100
o-Cresol	200	<0.008	<0.002	0.085	85	0.100
m, p-Cresol	200	<0.008	<0.002	0.158	79	0.200
Hexachloroethane	3.00	<0.008	<0.002	0.052	52	0.100
Nitrobenzene	2.00	<0.008	<0.002	0.088	88	0.100
Hexachloro-1,3-butadiene	0.500	<0.008	<0.002	0.058	58	0.100
2,4,6-Trichlorophenol	2.00	<0.008	<0.002	0.098	98	0.100
2,4,5-Trichlorophenol	400	<0.008	<0.002	0.102	102	0.100
2,4-Dinitrotoluene	0.130	<0.008	<0.002	0.104	104	0.100
Hexachlorobenzene	0.130	<0.008	<0.002	0.102	102	0.100
Pentachlorophenol	100	<0.008	<0.002	0.104	104	0.100

	% RECOVERY
Fluorophenol	56
Phenol-d5	53
Nitrobenzene-d5	80
2-Fluorobiphenyl	80
2,4,6-Tribromophenol	85
Terphenyl-d14	101

METHODS: EPA SW 846-8270

Burgess J. A. Cooke, Ph. D.

6/14/97
Date

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
WARREN PETROLEUM
ATTN: CAL WRANGHAM
P.O. BOX 1840
LOVINGTON, NM 88260
FAX TO:

Receiving Date: 07/30/97
Reporting Date: 08/04/97
Project Number: NOT GIVEN
Project Name: SKAGGS PIT
Project Location: SKAGGS COMPRESSOR STATION

Sampling Date: 07/30/97
Sample Type: SOIL (COMPOSITE)
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/31/97	07/31/97	07/31/97	07/31/97	07/31/97	07/31/97	08/04/97	07/31/97
EPA LIMITS:		5	5	100	1	5	5	0.2	1
13095C	COMPOSITE OF SOILS 1,2 3,4	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
Quality Control		0.101	4.04	20.4	1.983	1.01	4.99	0.100	0.101
True Value QC		0.100	4.00	20.0	2.000	1.00	5.00	0.100	0.100
% Recovery		101	101	102	99	101	99	100	101
Relative Standard Deviation		1.4	0.2	0.3	0.4	1.8	1.1	3.3	2.9
METHODS: EPA 1311, 600/4-91/0		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Gayle A. Potter, Chemist

08/04/97
Date

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
WARREN PETROLEUM
ATTN: CAL WRANGHAM
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LOVINGTON, NM 88260
FAX TO:

Receiving Date: 07/30/97
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Project Name: SKAGGS PIT
Project Location: SKAGGS COMPRESSOR STATION

Analysis Date: 07/30/97
Sampling Date: 07/30/97
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH/GP

LAB NUMBER	SAMPLE ID	TPH (ppm)
H3095-C	Composite of #1, 2 3,4	2815
Quality Control		203
True Value QC		200
% Accuracy		102
Relative Percent Difference		1.4

METHOD: EPA 418.1, 3510, 3540, or 3550; Infared Spectroscopy

Chemist

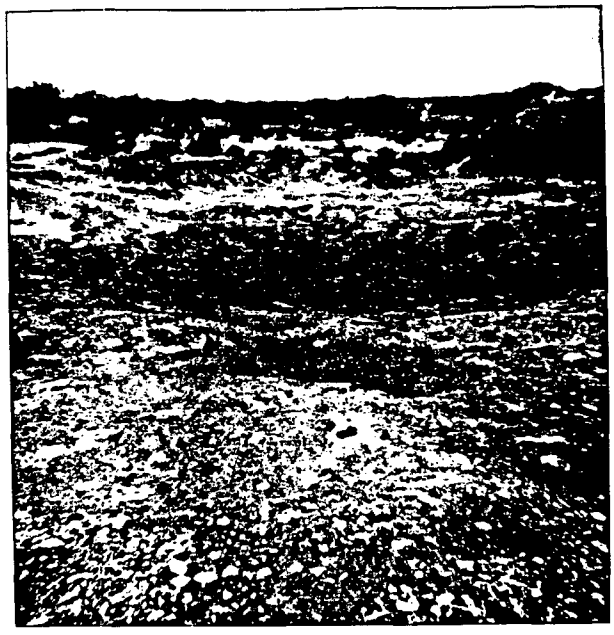
07/31/97
Date

Sample Point 2

Sample Point 1

Sample Point 4

Sample Point 3



Skaggs Pit

Skaggs Pit

District I
P.O Box 1980, Hobbs, NM
District II
Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

(Revised 3/9/94)

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NM 87505

PIT REMEDIATION AND CLOSURE REPORT

Operator: WARREN PETROLEUM CO. Telephone: 393-2823

Address: PO BOX 67 MONUMENT N.M.

Facility Or: SKAGGS COMPRESSOR STATION
Well Name

Location: Unit or Qtr/Qtr Sec _____ Sec 11 T 20S R 37E County LEA

Pit Type: Separator ___ Dehydrator ___ Other HISTORIC TANK SITE

Land Type: BLM ___, State ___, Fee ___, Other PRIVATE - WPC

Pit Location: (attach diagram)

Pit dimensions: length 50', width 50', depth 4'

Reference: wellhead ___, other SE CORNER SKAGGS

Footage from reference: 100 YARDS

Direction from reference: _____ Degrees ___ East North ___ of ___ West South ___

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) UNDETERMINED	0
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points) No (0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	0
	RANKING SCORE (TOTAL POINTS):	0

Date Remediation Started: JUNE 97 Date Completed: JUNE 97

Remediation Method: (Check all appropriate sections) Excavation ___ Approx. cubic yards 264

Landfarmed X Insitu Bioremediation ___

Other _____

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility) Onsite ___ Offsite C & C LANDFARM MONUMENT N.M.

General Description Of Remedial Action: _____

Ground Water Encountered: No X Yes ___ Depth _____

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location SEE ATTACHMENT

Sample depth _____

Sample date _____ Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) _____

TPH _____

Ground Water Sample: Yes ___ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 8-12-97

SIGNATURE [signature]

PRINTED NAME AND TITLE CAL WRENGHAM NM ASSET ES&H COORD.