GW - 24

PERMITS, RENEWALS, & MODS

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, January 22, 2008 4:53 PM
To: 'Klein, Elisabeth A'
Cc: Price, Wayne, EMNRD
Subject: FW: DCP Midstream, LP Status of Discharge Plans (Active, Inactive & Closed) & Other Miscellaneous Discharge Plans
Attachments: GW-150 DP.tif

Elisabeth:

Re: DCP Midstream LP Letter of January 31, 2007 Renewal of Expired Discharge Plans as Requested by Carl Chavez & Other DPs currently being processed

Hi. Please find below the status of the DPs, etc. that were included in the above referenced letter.

1) Pure Gold "28" CS (GW-150): The permit expired on 11/22/2003 and is still active. Our records reflect a draft permit was issued to ConocoPhillips (COP) on January 23, 2004, but the final permit was never signed and returned to OCD with the $1,700 flat fee. Please find attached a copy of the permit (COP), please sign and return the final permit with the $1,700 to OCD. We apologize for the changes; however, considering the situation, it is the most expedient means of resolving the discharge plan for the facility.

2) Rambo C.S. (formerly Avalon Gas Plant) (GW-24): The permit expired on 9/18/2005 and is listed as inactive. According to your letter the OCD received the pit closure reports and analytical results required by the OCD's April 7, 2004 approval letter and were provided in your letter. The OCD requests to know the status of operations at the facility? Does DCP Midstream, LP wish to close the facility? If so, the OCD needs a closure plan. The OCD requires inactive facilities to submit a closure plan, unless it plans to continue operations, which will require a discharge plan renewal.

3) Apex C.S. (GW-163): Currently in litigation.

4) Hobbs Gas Plant (GW-175) currently in litigation.

5) Eunice Gas Plant (GW-16): According to OCD records GW-009 and GW-016 were merged into GW-16. The permit expires 4/25/2009 and is active. No action needed at this time.

6) CP-1 C.S. (GW-139): The permit was closed.

7) Indian Hills Gas Plant (GW-42): OCD records indicate that the facility is inactive. The OCD requests the status of the facility and if it is inactive, we request a closure plan. The OCD will be conducting an inspection of this facility.

Discharge Plan Renewals processed tomorrow are:

1) Hobbs Booster Station (GW -44): OCD records indicate that the facility is active with an expiration date of 12/27/2007. A $100 filing fee was received and determined to be administratively complete and OCD will issue public notice, a draft discharge plan, and administratively complete letter on its website tomorrow. The facility is closed and only remediation activities are ongoing at present.

2) Magnum C.S. (GW-127): OCD records indicate that the facility is active with an expiration date of 2/3/2008. A $100 filing fee was received and determined to be administratively complete and OCD will issue public notice, a draft discharge plan, and administratively complete letter on its website tomorrow.

3) Carrasco C.S. (GW-137): OCD records indicate that the facility is active with an expiration date of 4/28/2008.

A $100 filing fee was received and determined to be administratively complete and OCD will issue public notice, a draft discharge plan, and administratively complete letter on its website tomorrow.

4) Pardue C.S. (GW-288): OCD records indicate that the facility is active with an expiration date of 11/24/2007. A $100 filing fee was received and determined to be administratively complete and OCD will issue public notice, a draft discharge plan, and administratively complete letter on its website tomorrow. DCP Midstream, LP is in the process of completing a closure plan and will submit it prior to completion of closure.

DCP Midstream, LP Discharge Plans awaiting final signature of discharge plan with $1,700 final fee:

1) Northeast Carlsbad C.S. (GW-280)

Miscellaneous Discharge Plans:

1) Lee C.S. (GW-227): The permit expired on 12/28/2005 and is listed as inactive. Also, our records show LG&E Hadson Gillespie/Feagan C.S. for the facility name. According to an OCD e-mail msg. dated 12/21/2006, and DPC correspondence dated 12/28/2006, the facility was going to remain inactive and a closure plan was to be submitted to permanently close the facility. Upon receipt of the closure plan info. and verification that no contamination exists at the facility, and some photos to display what the site currently looks like, the OCD was going to consider closure of the facility. The OCD requests to know the status of operations at the facility?

Please provide me with an update on each of the above items and contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

From: Chavez, Carl J, EMNRD
Sent: Thursday, January 17, 2008 2:27 PM
To: 'Klein, Elisabeth A'
Subject: Northeast Carlsbad Compressor Station (GW-280) Signed Discharge Plan w/ $1,700.00 Renewal Fee

Ms. Klein:

Good afternoon. I am now working on DCP Midstream L.P. applications, etc.

NMOCD records show that we never received the final signed DP for GW-280 (NE Carlsbad C.S.) with the $1,700.00 renewal fee. NMOCD mailed a letter with the attached final discharge plan for DCP Midstream L.P.'s signature and remittance w/ final payment; however, we did not receive it. Please locate the final discharge plan that was dated June 13, 2007, sign it, and remit it to me with the final $1,700.00 renewal fee so we may update our records and finalize the permit at this facility.

I have been in receipt of DCP Midstream L.P. Discharge Plans (GWs-24, 44, 127, 137, 150, and 288). I am planning to process them by next Wednesday, January 23, 2008. I will let you know if I need anything based on my review.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.

Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
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Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

DCP Midstream
370 17th Street, Suite 2500
Denver, CO 80202
303-595-3331

2007 FEB 2 PM 1 15

January 31, 2007

UPS
PRIORITY OVERNIGHT ***(Tracking Number 1Z F46 915 22 1005 083 4)***

Mr. Wayne Price
New Mexico Energy, Minerals
& Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Subject: Renewal of Expired Discharge Plans as Requested by Mr. Carl Chavez

Dear Mr. Price:

On December 15, 2006 DCP MIDSTREAM LP (formerly Duke Energy Field Services LP) received an email from Mr. Carl Chavez, Oil Conservation Division (OCD) stating that the discharge permits for the following 16 facilities had expired and that they must be renewed: Pure Gold 28 Compressor Station (GW-150), Antelope Ridge Gas Plant (GW-162), Malaga Compressor Station (GW-167), Cotton Draw Compressor Station (GW-311), Hat Mesa Compressor Station (GW-316), Boot Leg Compressor Station (GW-176), Lee Compressor Station (GW-227), Feagen Booster Station (GW-168), Maljamar Compressor Station (GW-177), Wonton Compressor Station (GW-178), Avalon Gas Plant (GW-24), Apex Compressor Station (GW-163), Hobbs Gas Plant (GW-175), Eunice Gas Plant (GW-16), CP-1 Compressor Station (GW-139) and Indian Hills Gas Plant (GW-42). As DCP MIDSTREAM LP has discussed previously, the company has not renewed these permits because none of the facilities listed actually discharge effluent or leachate so that they may move directly or indirectly into ground water, requiring a discharge permit under 20.6.2.3104 NMAC and because it does not believe that the New Mexico Water Quality Act, NMSA 1978, §§74-6-1 to 17, and the regulations adopted under that act are applicable to compressor stations.

However, as discussed below, DCP MIDSTREAM LP agrees to submit renewal applications for most of the listed facilities and provide information for the other facilities to demonstrate that the facilities are closed and no longer capable of discharging or have current discharge plans.

GW-175 GW-163

DCP MIDSTREAM LP is not submitting renewal applications for Hobbs Gas Plant or Apex Compressor Station because the obligation to obtain discharge permits for these facilities in currently in litigation. DCP MIDSTREAM LP is willing to discuss the measures being implemented by DCP MIDSTREAM LP to assure that discharges do not occur and that ground water is protected at these facilities. Additionally, on September 22, 2006, DCP Midstream LP discussed with you, Daniel Sanchez and Carl Chavez, the company's development of best management practices (BMPs) for facilities listed in the consent orders and you indicated that it would be discussed within the agency. DCP Midstream LP has not heard anything regarding our suggestions; however, we are ready to proceed ahead with working on the BMPs this year. We would like to schedule a meeting with you, as previously requested, to discuss moving ahead with implementing the BMPs with you.

Permit Renewals To Be Submitted

DCP MIDSTREAM LP agrees to submit discharge permit renewal applications for the following facilities by March 1, 2007: Antelope Ridge Gas Plant (GW-162), Malaga Compressor Station (GW-167), Cotton Draw Compressor Station (GW-311), Hat Mesa Compressor Station (GW-316), Boot Leg Compressor Station (GW-176), Maljamar Compressor Station (GW-177) and Wonton Compressor Station (GW-178). In addition, DCP MIDSTREAM LP will submit renewal applications for the Lee Compressor Station (GW-227) and Feagen Booster Station (GW-168) even though closure plans have been submitted to the OCD for these facilities.

dcp Midstream

Permit Renewals That Will Not Be Submitted

DCP MIDSTREAM LP will not submit permit renewals for the remaining seven (7) facilities referred to in the December 15, 2006 email.

1. Pure Gold "28"Compressor Station (GW-150) - A renewal application for this facility was previously submitted and received by the OCD in 2003. Copies of this documentation are in Attachment 1. Exp. 11/22/2003 Active
2. Avalon Gas Plant (Rambo Compressor) (GW-24) - DCP MIDSTREAM LP previously renewed the permit for this facility. An approval letter, dated April 7, 2004, from the OCD was received by the company. DCP MIDSTREAM LP was required, as a condition of the approval, to submit pit closure reports and analytical results. The report and results were submitted to the OCD on April 23, 2004. Copies of this documentation are in Attachment 2. Exp 9/18/05 Inactive
3. Apex Compressor Station (GW-163) - DCP MIDSTREAM LP's obligation to obtain a discharge permit for this facility is currently in litigation; so, no renewal application will be submitted. Litigation ok Exp. 4/29/2004 Active
4. Hobbs Gas Plant (GW-175) - DCP MIDSTREAM LP's obligation to obtain a discharge permit for this facility is currently in litigation; so, no renewal permit will be submitted. Litigation ok Exp. 11/9/2005 Active
5. Eunice Gas Plant (GW-16) - DCP MIDSTREAM LP has an effective discharge permit for this facility, which does not expire until April 25, 2009. Therefore, no renewal application is required at this time. A copy of this discharge permit is in Attachment 3. Exp. 4/25/2009 Active
6. CP-1 Compressor Station (GW-139) - This facility was dismantled and only a meter run exists on the site. The OCD sent a closure letter to the company on October 15, 2003. A copy of the closure letter is in Attachment 4. Closed No Exp.
7. Indian Hills Gas Plant (GW-42) - This facility was dismantled and only a meter facility and pig launcher exist on the site. A copy of the company's notification, dated December 10, 2001, to the OCD regarding the status of this site and OCD's receipt of this letter is in Attachment 5. Inactive No Exp.

By agreeing to submit the renewal applications and the application filing fees, DCP MIDSTREAM LP is not waiving its position that no discharge permits are required for these facilities.

If you have any questions concerning DCP MIDSTREAM LP's position or the information outlined above, please contact me at (303) 605-1713. Please send all correspondence regarding these renewals to my attention at 370 17th Street, Suite 2500, Denver, CO 80202.

Sincerely,
DCP MIDSTREAM LP
(Formerly Duke Energy Field Services, LP)

Ruth M. Lang

Ruth M. Lang
Manager of Water & Waste Programs

Enclosures

cc:
Mr. Carl Chavez, OCD

dcp Midstream

GW-024 RAMBO (AVALON GAS PLANT)
CS.

PIT CLOSURE
site closure

ATTACHMENT 2

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor

Joanna Prukop
Cabinet Secretary
Acting Director
Oil Conservation Division

4/7/2004

Duke Energy Field Services
Att: Mrs. Lynn Ward
10 Desta Drive
Suite 400-W
Midland, TX 79705

Duke Energy

Re: Approval letter for Addendum to Evaluation and Work over dated February 13, 2004.
Pit Closure {3}
Rambo Compressor Location {previous Avalon Gas Plant}
Discharge Permit No. GW-024

Dear Mrs. Lynn Ward,

The Oil Conservation Division has received the addendum letter for the pit closure work plan at the Rambo Compressor Location dated February 13, 2004.

The addition ground water information and Total site ranking score = 0 are approved
The closure levels for TPH 5000 mg/kg, Benzene 10 mg/kg, & Total Btex 50 mg.kg are approved
The analytical information as provided in the addendum letter are accepted and approved.

Following completion of the pit closure actives, please submit a pit remediation and closure report to OCD for Each pit area.

If I can be of assistance in this matter please do not hesitate to contact me at 505-748-1283
Or E-Mail me at mstubblefield@state.nm.us.

Sincerely,

Mike Stubblefield
Environ. Eng. Spec.
E.M.N.R.D./O.C.D.

Duke Energy
Field Services

DUKE ENERGY FIELD SERVICES
3300 North A Street
Building 7
Midland, TX 79705

432 620 4000

April 23, 2004

Mr. Mike Stubblefield
Environmental Bureau
Oil Conservation Division
1301 W. Grand Avenue
Artesia, NM 87410

RE: NW Pit Closure
Rambo Compressor Location (previously Avalon Gas Plant)

Dear Mr. Stubblefield:

In accordance with the pit closure form C-144 and the Approval of the OCD (dated April 7, 2004), Duke Energy Field Services, LP (DEFS) completed the backfilling of the Trash Pit located at Rambo Booster on April 20th, 2004 as proposed in the Addendum to Evaluation and Work Plan Dated February 13, 2004. All analytical data and a figure showing the location of the pit is attached.

The analytical data for all sidewalls and three (3) feet below the pit bottom revealed soil levels for the Contaminants of Concern (COC) to be below the Recommended Remedial Action Levels (RRAL) contained in the NMOCD guidelines consistent with a Total Ranking Score of 0 based on the following, and as agreed with the OCD, documented by the letter from the OCD to DEFS dated April 7, 2004:

Depth to groundwater greater than 100 feet below the pit bottom =	0 points
Pit site is greater than 200 feet from a private domestic source and greater than 1,000 feet from all other water sources =	0 points
Pit site is greater than 1,000 feet to any surface water =	0 points

If you have any questions, comments, or concerns, please contact me at 432/620-4207.

Sincerely,
Duke Energy Field Services, LP

Lynn Ward
Sr. Environmental Specialist
Western Division

Cc: G. Kardos
R. Counts
S. Weathers
File: Rambo Compressor Station, 5.2.3

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☑
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☑

Operator: Duke Energy Field Services, LP Telephone: 432/620-4207 e-mail address: lcward@duke-energy.com
Address: 10 Desta Dr, Suite 400-W; Midland, TX 79705
Facility or well name: Rambo Booster API #: _____ U/L or Qtr/Qtr NW/4 SE/4 Sec 9 T 21S R 27E
County: Eddy Latitude 32°29.653' Longitude 104°11.573' NAD: 1927 ☑ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☑ Indian ☐

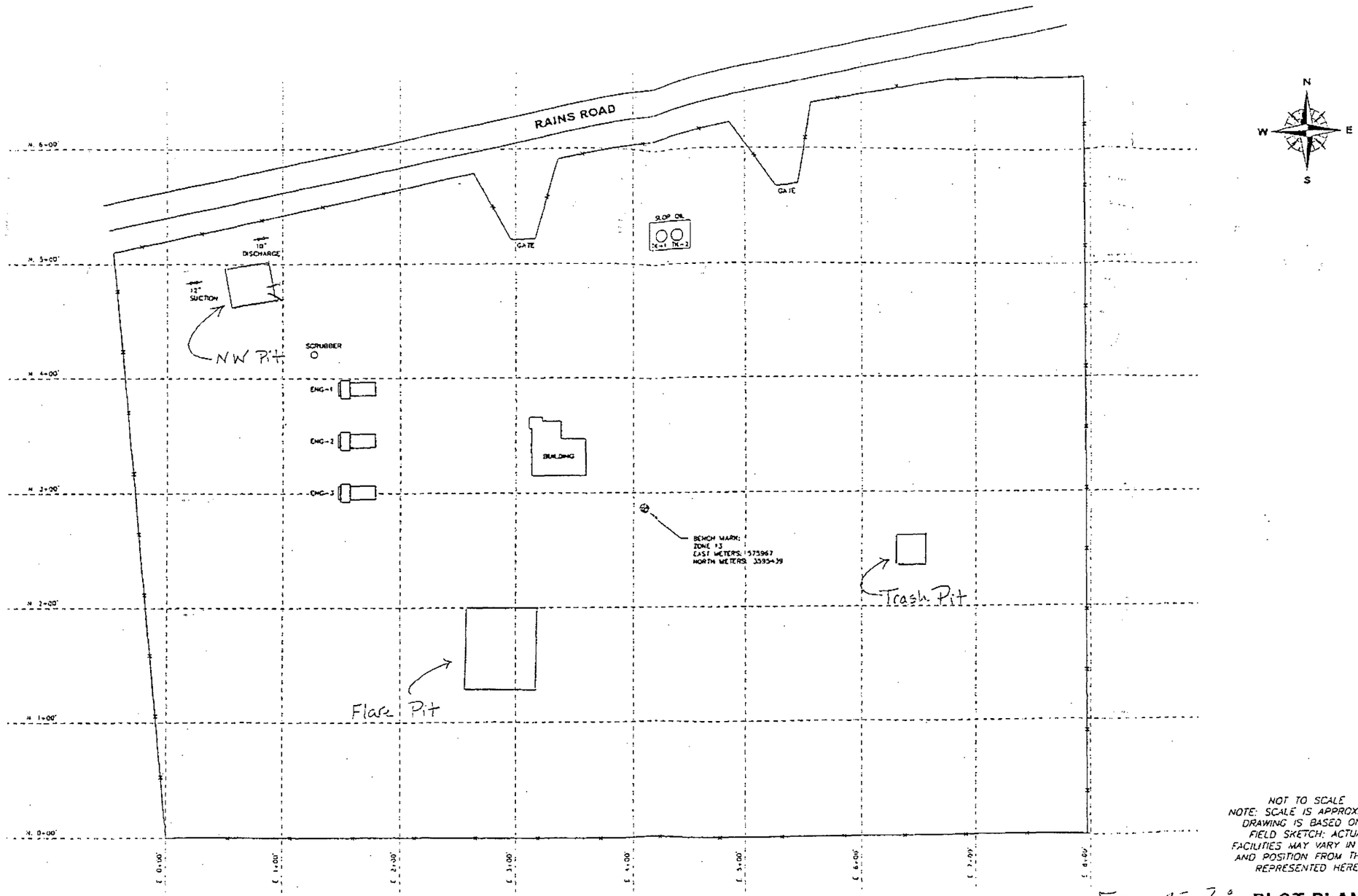
Pit	Below-grade tank	
Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☑ - NW Pit Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Volume ____bbl	Volume: NA bbl Type of fluid: NA Construction material: NA Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points) X 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 No	(20 points) (0 points) X 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) X 0
	Ranking Score (Total Points)	0

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☑ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☑ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☑, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.
Date: 4/28/04
Printed Name/Title Sr. Environmental Specialist Signature Lynn Ward

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Date: _____
Printed Name/Title_____ Signature_____



NOT TO SCALE
NOTE: SCALE IS APPROXIMATE. DRAWING IS BASED ON A FIELD SKETCH: ACTUAL FACILITIES MAY VARY IN SIZE AND POSITION FROM THOSE REPRESENTED HERE.

FIGURE 2: **PLOT PLAN**

REV	DATE	REVISION	BY	CHK'D	ENGR.	ENGR. MGR.
0	6-25-03	DRAWN FROM D.E.F.S. SKETCH (5-20-03)	J.R.E.	K.M.K.		
1	7-14-03	ADDED ENG-2	J.R.E.	K.M.K.		
2	10-3-03	ADDED ENG-3	J.R.E.	K.M.K.		

REV	DATE	REVISION	BY	CHK'D	ENGR.	ENGR. MGR.

Duke Energy®
Field Services

RAMBO BOOSTER STATION
CARLSBAD GATHERING SYSTEM
Eddy County
NEW MEXICO

DWG. NO. I:\DEFS_EHS\Mapping\NewMexico\Carlsbad\S_Carlsbad_Plot

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Lynn Ward
Duke Energy Field Services, LP (Midland)
3300 North A Street, Bldg. 7
MIdland, TX 79705

Project: Rambo
Project Number: None Given
Location: NW Pit

Lab Order Number: 4A28008

Report Date: 01/31/04

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom	4A28008-01	Soil	01/27/04 14:33	01/28/04 13:05
South SW	4A28008-02	Soil	01/27/04 14:20	01/28/04 13:05
North SW	4A28008-03	Soil	01/27/04 14:16	01/28/04 13:05
East SW	4A28008-04	Soil	01/27/04 14:25	01/28/04 13:05
West SW	4A28008-05	Soil	01/27/04 14:29	01/28/04 13:05

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom (4A28008-01) Soil Sampled: 01/27/04 14:33 Received: 01/28/04 13:05									
Benzene	ND	0.0250	mg/kg dry	25	EA43005	01/29/04	01/30/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*80.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	**382**	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**382**	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*103 %*	*70-130*		"	"	"	"	
South SW (4A28008-02) Soil Sampled: 01/27/04 14:20 Received: 01/28/04 13:05									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	**90.1**	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**90.1**	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*91.4 %*	*70-130*		"	"	"	"	
North SW (4A28008-03) Soil Sampled: 01/27/04 14:16 Received: 01/28/04 13:05									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	**58.8**	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**58.8**	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*85.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*90.0 %*	*70-130*		"	"	"	"	

Roland K. Tuttle

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
East SW (4A28008-04) Soil Sampled: 01/27/04 14:25 Received: 01/28/04 13:05									
Gasoline Range Organics C6-C12	J [9.21]	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	J
Diesel Range Organics >C12-C35	72.2	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	72.2	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*113 %*	*70-130*		"	"	"	"	
West SW (4A28008-05) Soil Sampled: 01/27/04 14:29 Received: 01/28/04 13:05									
Gasoline Range Organics C6-C12	J [9.51]	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	J
Diesel Range Organics >C12-C35	J [10.1]	25.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*86.2 %*	*70-130*		"	"	"	"	

Roland K. Tuttle

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom (4A28008-01) Soil Sampled: 01/27/04 14:33 Received: 01/28/04 13:05									
Chloride	42.5	20.0	mg/kg	2	EA43015	01/28/04	01/30/04	SW 846 9253	
% Solids	94.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
South SW (4A28008-02) Soil Sampled: 01/27/04 14:20 Received: 01/28/04 13:05									
% Solids	99.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
North SW (4A28008-03) Soil Sampled: 01/27/04 14:16 Received: 01/28/04 13:05									
% Solids	99.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
East SW (4A28008-04) Soil Sampled: 01/27/04 14:25 Received: 01/28/04 13:05									
% Solids	99.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
West SW (4A28008-05) Soil Sampled: 01/27/04 14:29 Received: 01/28/04 13:05									
% Solids	100		%	1	EA42901	01/29/04	01/29/04	% calculation	

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

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 EA42806 - 1005 TX										
Blank (EA42806-BLK1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*35.3*		*mg/kg*	*50.0*		*71.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		"	*50.0*		*71.2*	*70-130*			
LCS (EA42806-BS1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	442		mg/kg	500		88.4	75-125			
Diesel Range Organics >C12-C35	457		"	500		91.4	75-125			
Total Hydrocarbon C6-C35	899		"	1000		89.9	75-125			
Surrogate: 1-Chlorooctane	*40.7*		"	*50.0*		*81.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		"	*50.0*		*71.2*	*70-130*			
Calibration Check (EA42806-CCV1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	512		mg/kg	500		102	80-120			
Diesel Range Organics >C12-C35	492		"	500		98.4	80-120			
Total Hydrocarbon C6-C35	1000		"	1000		100	80-120			
Surrogate: 1-Chlorooctane	*61.9*		"	*50.0*		*124*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.5*		"	*50.0*		*113*	*70-130*			
Matrix Spike (EA42806-MS1)		**Source: 4A28003-01**		Prepared: 01/28/04 Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	514		mg/kg	500	ND	103	75-125			
Diesel Range Organics >C12-C35	520		"	500	ND	104	75-125			
Total Hydrocarbon C6-C35	1030		"	1000	ND	103	75-125			
Surrogate: 1-Chlorooctane	*53.3*		"	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.4*		"	*50.0*		*88.8*	*70-130*			
Matrix Spike Dup (EA42806-MSD1)		**Source: 4A28003-01**		Prepared: 01/28/04 Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	511		mg/kg	500	ND	102	75-125	0.585	20	
Diesel Range Organics >C12-C35	488		"	500	ND	97.6	75-125	6.35	20	
Total Hydrocarbon C6-C35	1000		"	1000	ND	100	75-125	2.96	20	
Surrogate: 1-Chlorooctane	*51.4*		"	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.6*		"	*50.0*		*83.2*	*70-130*			

Roland K. Tuttle
Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

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 EA43005 - EPA 5030C (GC)										
Blank (EA43005-BLK1)				Prepared & Analyzed: 01/29/04						
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	*92.0*		*ug/kg*	*100*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*87.1*		"	*100*		*87.1*	*80-120*			
LCS (EA43005-BS1)				Prepared & Analyzed: 01/29/04						
Benzene	86.5		ug/kg	100		86.5	80-120			
Toluene	88.9		"	100		88.9	80-120			
Ethylbenzene	89.0		"	100		89.0	80-120			
Xylene (p/m)	181		"	200		90.5	80-120			
Xylene (o)	89.4		"	100		89.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*88.7*		"	*100*		*88.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.1*		"	*100*		*91.1*	*80-120*			
Calibration Check (EA43005-CCV1)				Prepared: 01/29/04 Analyzed: 01/30/04						
Benzene	80.1		ug/kg	100		80.1	80-120			
Toluene	82.3		"	100		82.3	80-120			
Ethylbenzene	82.0		"	100		82.0	80-120			
Xylene (p/m)	166		"	200		83.0	80-120			
Xylene (o)	83.5		"	100		83.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*85.2*		"	*100*		*85.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*88.1*		"	*100*		*88.1*	*80-120*			
Matrix Spike (EA43005-MS1)	Source: 4A28003-01			Prepared: 01/29/04 Analyzed: 01/30/04						
Benzene	84.3		ug/kg	100	ND	84.3	80-120			
Toluene	87.4		"	100	ND	87.4	80-120			
Ethylbenzene	88.7		"	100	ND	88.7	80-120			
Xylene (p/m)	177		"	200	ND	88.5	80-120			
Xylene (o)	87.3		"	100	ND	87.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	*86.0*		"	*100*		*86.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*89.5*		"	*100*		*89.5*	*80-120*			

Quality Assurance Review

Duke Energy Field Services, LP (Midland) 3300 North A Street, Bldg. 7 Duke Energy Field Services, LP (Midland)	Project: Rambo Project Number: None Given Project Manager: Lynn Ward	(432) 620-4162 Reported: 01/31/04 06:10

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 EA43005 - EPA 5030C (GC)										
Matrix Spike Dup (EA43005-MSD1)	Source: 4A28003-01			Prepared: 01/29/04		Analyzed: 01/30/04				
Benzene	80.0		ug/kg	100	ND	80.0	80-120	5.23	20	
Toluene	82.2		"	100	ND	82.2	80-120	6.13	20	
Ethylbenzene	82.6		"	100	ND	82.6	80-120	7.12	20	
Xylene (p/m)	167		"	200	ND	83.5	80-120	5.81	20	
Xylene (o)	83.0		"	100	ND	83.0	80-120	5.05	20	
Surrogate: a,a,a-Trifluorotoluene	*82.3*		"	*100*		*82.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*86.0*		"	*100*		*86.0*	*80-120*			

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

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 EA42901 - % Moisture										
Blank (EA42901-BLK1)				Prepared & Analyzed: 01/29/04						
% Solids	100		%							
Duplicate (EA42901-DUP1)		Source: 4A28003-01		Prepared & Analyzed: 01/29/04						
% Solids	95.0		%		91.0			4.30	20	
Batch EA43015 - Water Extraction										
Blank (EA43015-BLK1)				Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	ND	20.0	mg/kg							
Calibration Check (EA43015-CCV1)				Prepared & Analyzed: 01/30/04						
Chloride	4940		mg/kg	5000		98.8	80-120			
Matrix Spike (EA43015-MS1)		Source: 4A27006-01		Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	691	20.0	mg/kg	500	223	93.6	80-120			
Matrix Spike Dup (EA43015-MSD1)		Source: 4A27006-01		Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	702	20.0	mg/kg	500	223	95.8	80-120	1.58	20	

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Feb 02 04 05:41p

Environmental Lab of Texas

600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Lynn Ward

Company Name: Duke Energy Field Services, LP

Company Address: 3300 N. A St., Bldg. 7

City/State/Zip: Midland, TX 79705

Telephone No: 432/620-4207

Fax No: 432/620-4162

Sampler Signature: Lynn Ward

Project Name: Rambo

Project #:

Project Loc: NW Pit

PO #:

4A28008

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers (4oz glass)	Preservative: Ice	HNO₃	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TPH 418.1 8015M (1005) 1006	Cations (Ca, Mg, Na, K)	Anions (Cl) SO4, CO3, HCO3	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	* BTEX (8021B/5030) or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
-01	Bottom	1/27/04	1433	1	X									X		X		X					X				X
-02	South SW	1/27/04	1420	1	X									X		X		X									X
-03	North SW	1/27/04	1416	1	X									X		X		X									X
-04	East SW	1/27/04	1425	1	X									X		X											X
-05	West SW	1/27/04	1429	1	X									X		X											X

Special Instructions:
* Please run 1 BTEX analysis on sample with highest TPH

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
4.0 °C

Relinquished by:	Date	Time	Received by:	Date	Time
Lynn Ward	1/28/04	1305			
Relinquished by:	**Date**	**Time**	**Received by ELOT:**	**Date**	**Time**
			Jeanie McMurray	01-28-04	1305

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Lynn Ward

Duke Energy Field Services, LP (Midland)

3300 North A Street, Bldg. 7

MIdland, TX 79705

Project: Rambo Booster

Project Number: None Given

Location: NW Pit

Lab Order Number: 4C18010

Report Date: 03/23/04

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3' Below Pit Bottom	4C18010-01	Soil	03/17/04 11:00	03/18/04 12:45

12600 West I-20 East - Odessa, Texas 79765 - (432) 563-1800 - Fax (432) 563-1713

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:08

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' Below Pit Bottom (4C15010-01)									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EC42204	03/19/04	03/20/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.8 %*		*70-130*	"	"	"	"	
Surrogate: 1-Chlorooctadecane		*91.4 %*		*70-130*	"	"	"	"	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:08

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' Below Pit Bottom (4C18010-01)									
% Solids	86.0		%	1	EC42002	03/20/04	03/20/04	% calculation	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:08

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 EC42204 - Solvent Extraction (GC)										
Blank (EC42204-BLK1)				Prepared & Analyzed: 03/22/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*38.6*		*mg/kg*	*50.0*		*77.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.3*		"	*50.0*		*70.6*	*70-130*			
Blank (EC42204-BLK2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*37.7*		*mg/kg*	*50.0*		*75.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.3*		"	*50.0*		*78.6*	*70-130*			
LCS (EC42204-BS1)				Prepared & Analyzed: 03/19/04						
Gasoline Range Organics C6-C12	401	25.0	mg/kg wet	500		80.2	75-125			
Diesel Range Organics >C12-C35	460	25.0	"	500		92.0	75-125			
Total Hydrocarbon C6-C35	861	25.0	"	1000		86.1	75-125			
Surrogate: 1-Chlorooctane	*37.7*		*mg/kg*	*50.0*		*75.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.9*		"	*50.0*		*73.8*	*70-130*			
LCS (EC42204-BS2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	461	25.0	mg/kg wet	500		92.2	75-125			
Diesel Range Organics >C12-C35	531	25.0	"	500		106	75-125			
Total Hydrocarbon C6-C35	992	25.0	"	1000		99.2	75-125			
Surrogate: 1-Chlorooctane	*50.8*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		"	*50.0*		*89.6*	*70-130*			
LCS Dup (EC42204-BSD2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	452	25.0	mg/kg wet	500		90.4	75-125	1.97	20	
Diesel Range Organics >C12-C35	525	25.0	"	500		105	75-125	1.14	20	
Total Hydrocarbon C6-C35	977	25.0	"	1000		97.7	75-125	1.52	20	
Surrogate: 1-Chlorooctane	*51.2*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.1*		"	*50.0*		*86.2*	*70-130*			

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:08

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 EC42204 - Solvent Extraction (GC)										
Calibration Check (EC42204-CCV1)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	466		mg/kg	500		93.2	80-120			
Diesel Range Organics >C12-C35	574		"	500		115	80-120			
Total Hydrocarbon C6-C35	1040		"	1000		104	80-120			
Surrogate: 1-Chlorooctane	*51.5*		"	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		"	*50.0*		*89.6*	*70-130*			
Calibration Check (EC42204-CCV2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	462		mg/kg	500		92.4	80-120			
Diesel Range Organics >C12-C35	547		"	500		109	80-120			
Total Hydrocarbon C6-C35	1010		"	1000		101	80-120			
Surrogate: 1-Chlorooctane	*60.2*		"	*50.0*		*120*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.3*		"	*50.0*		*90.6*	*70-130*			
Matrix Spike (EC42204-MS1)	Source: 4C18009-01			Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	533	25.0	mg/kg dry	562	ND	94.8	75-125			
Diesel Range Organics >C12-C35	603	25.0	"	562	ND	107	75-125			
Total Hydrocarbon C6-C35	1140	25.0	"	1120	ND	102	75-125			
Surrogate: 1-Chlorooctane	*54.1*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.9*		"	*50.0*		*87.8*	*70-130*			
Matrix Spike Dup (EC42204-MSD1)	Source: 4C18009-01			Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	545	25.0	mg/kg dry	562	ND	97.0	75-125	2.23	20	
Diesel Range Organics >C12-C35	624	25.0	"	562	ND	111	75-125	3.42	20	
Total Hydrocarbon C6-C35	1170	25.0	"	1120	ND	104	75-125	2.60	20	
Surrogate: 1-Chlorooctane	*56.5*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.0*		"	*50.0*		*92.0*	*70-130*			

Environmental Lab of Texas

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:08

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 EC42002 - % Solids										
Blank (EC42002-BLK1)				Prepared & Analyzed: 03/20/04						
% Solids	100		%							
Duplicate (EC42002-DUP1)		Source: 4C18009-01		Prepared & Analyzed: 03/20/04						
% Solids	89.0		%		89.0			0.00	20	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:08

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Lynn Ward
Company Name: Duke Energy Field Services, LP
Company Address: 10 Desta Dr., Suite 400-W
City/State/Zip: Midland, TX 79705
Telephone No: 432/620-4207
Fax No: 432/620-4162
Sampler Signature: Lynn A. Ward

Project Name: Rambo Booster
Project #:
Project Loc: NW Pit
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers (4oz glass)	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	TPH: 418.1 8015M (1005) 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
	3' below pit bottom	3/17/04	1100	1	X											X											

Special Instructions: Please email analytical lcward@duke-energy.com

Relinquished by:	Date	Time	Received by:	Date	Time
Lynn A. Ward	3/18/04	1245			
Relinquished by:	Date	Time	Received by ELOT: Jeanie McMurray	03-18-04	1245

Sample Containers Intact? Y N
Temperature Upon Receipt: 0.5°C
Laboratory Comments:

COPY

Duke Energy
Field Services

DUKE ENERGY FIELD SERVICES
3300 North A Street
Building 7
Midland, TX 79705

432 620 4000

April 23, 2004

Mr. Mike Stubblefield
Environmental Bureau
Oil Conservation Division
1301 W. Grand Avenue
Artesia, NM 87410

RE: Flare Pit Closure
Rambo Compressor Location (previously Avalon Gas Plant)

Dear Mr. Stubblefield:

In accordance with the pit closure form C-144 and the Approval of the OCD (dated April 7, 2004), Duke Energy Field Services, LP (DEFS) completed the backfilling of the Trash Pit located at Rambo Booster on April 20th, 2004 as proposed in the Addendum to Evaluation and Work Plan Dated February 13, 2004. All analytical data and a figure showing the location of the pit is attached.

The analytical data for all sidewalls and three (3) feet below the pit bottom revealed soil levels for the Contaminants of Concern (COC) to be below the Recommended Remedial Action Levels (RRAL) contained in the NMOCD guidelines consistent with a Total Ranking Score of 0 based on the following, and as agreed with the OCD, documented by the letter from the OCD to DEFS dated April 7, 2004:

Depth to groundwater is greater than 100 feet below the pit bottom =	0 points
Pit site is greater than 200 feet from a private domestic source and greater than 1,000 feet from all other water sources =	0 points
Pit site is greater than 1,000 feet to any surface water =	0 points

If you have any questions, comments, or concerns, please contact me at 432/620-4207.

Sincerely,
Duke Energy Field Services, LP

Lynn Ward
Sr. Environmental Specialist
Western Division

Cc: G. Kardos
R. Counts
S. Weathers
File: Rambo Compressor Station, 5.2.3

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☑
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☑

Operator: Duke Energy Field Services, LP Telephone: 432/620-1507 e-mail address: lcward@duke-energy.com
Address: 10 Desta Dr Suite 400-W, Midland TX 79705
Facility or well name: Rambo Booster API #: _____ U/L or Qtr/Qtr NW4SE4 Sec 9 T 21S R 27E
County: Eddy Latitude 32°29.582' Longitude 104°11.549' NAD: 1927 ☑ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☑ Indian ☐

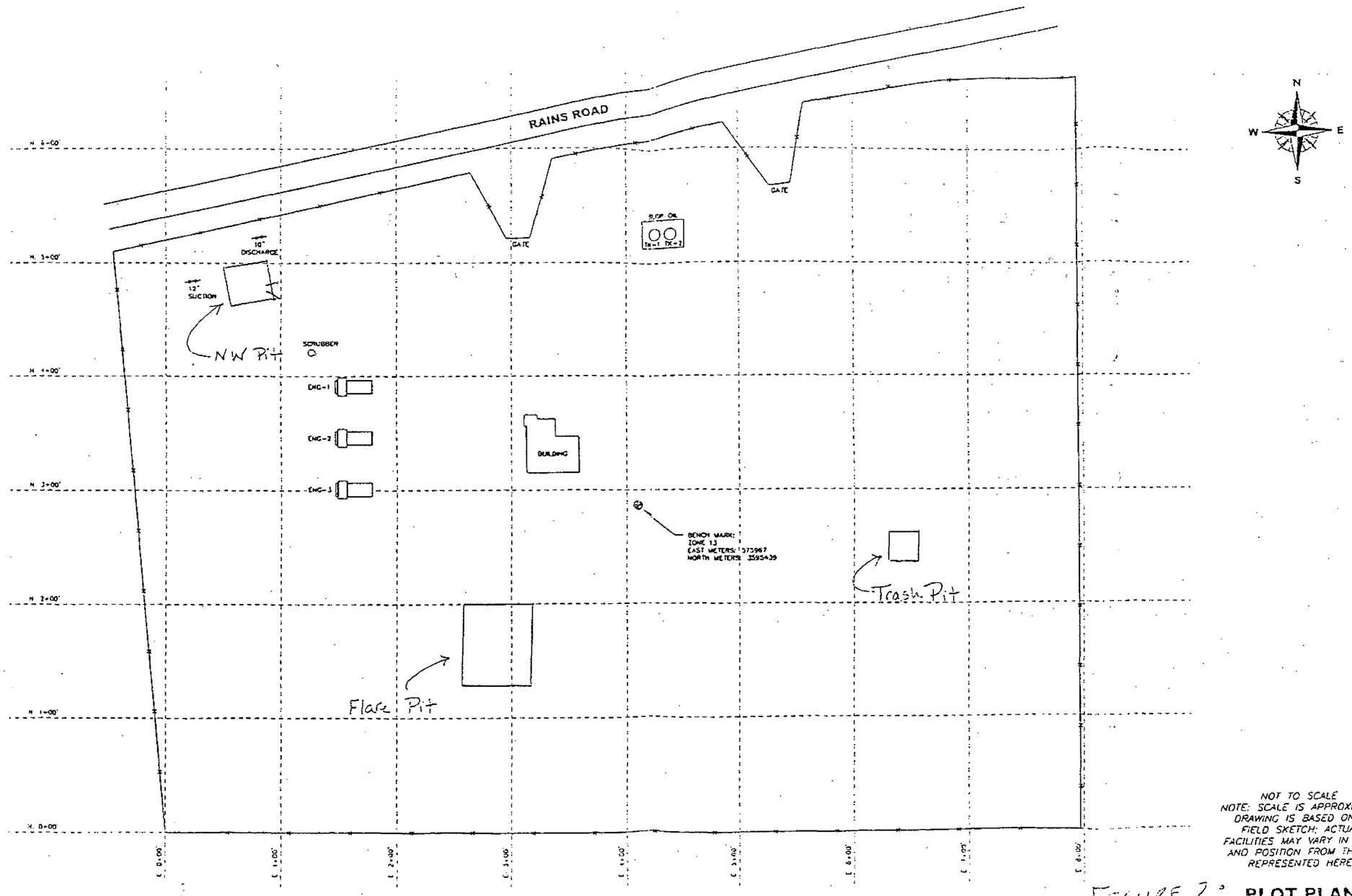
Pit	Below-grade tank	
Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☑ — Flare Pit Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Volume ____bbl	Volume: NA bbl Type of fluid: NA Construction material: NA Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points) X 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 No	(20 points) (0 points) X 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) X 0
	Ranking Score (Total Points)	0

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☑ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☑ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☑, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.
Date: 4/28/04
Printed Name/Title Sr. Environmental Specialist Signature Lynn Ward

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Date: _____
Printed Name/Title_____ Signature_____



NOT TO SCALE
NOTE: SCALE IS APPROXIMATE. DRAWING IS BASED ON A FIELD SKETCH; ACTUAL FACILITIES MAY VARY IN SIZE AND POSITION FROM THOSE REPRESENTED HERE.

FIGURE 2: **PLOT PLAN**

REV	DATE	REVISION	BY	CHK'D	ENGR.	ENGR MGR.
0	6-25-03	DRAWN FROM O.E.F.S. SKETCH (5-30-03)	J.R.E.	K.M.K.		
1	7-14-03	ADDED ENG-2	J.R.E.	K.M.K.		
2	10-3-03	ADDED ENG-3	J.R.E.	K.M.K.		

REV	DATE	REVISION	BY	CHK'D	ENGR.	ENGR MGR.

Duke Energy®
Field Services

RAMBO BOOSTER STATION
CARLSBAD GATHERING SYSTEM
Eddy County
NEW MEXICO

DWG. NO. I:\DEFS_EHS\Mapping\NewMexico\Carlsbad\S_Carlsbad_Plot

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Lynn Ward

Duke Energy Field Services, LP (Midland)

3300 North A Street, Bldg. 7

MIdland, TX 79705

Project: Rambo

Project Number: None Given

Location: Flare Pit

Lab Order Number: 4A28007

Report Date: 01/31/04

Duke Energy Field Services, LP (Midland) 3300 North A Street, Bldg. 7 Duke Energy Field Services, LP (Midland)	Project: Rambo Project Number: None Given Project Manager: Lynn Ward	(432) 620-4162 Reported: 01/31/04 06:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
North SW	4A28007-01	Soil	01/27/04 13:15	01/28/04 13:07
West SW	4A28007-02	Soil	01/27/04 13:42	01/28/04 13:07
East SW	4A28007-03	Soil	01/27/04 13:28	01/28/04 13:07
South SW	4A28007-04	Soil	01/27/04 13:25	01/28/04 13:07
Bottom	4A28007-05	Soil	01/27/04 13:50	01/28/04 13:07

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	02/02/04 11:54

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
North SW (4A28007-01)	Soil	Sampled: 01/27/04 13:15		Received: 01/28/04 13:07					
% Solids	93.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
West SW (4A28007-02)	Soil	Sampled: 01/27/04 13:42		Received: 01/28/04 13:07					
% Solids	96.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
East SW (4A28007-03)	Soil	Sampled: 01/27/04 13:28		Received: 01/28/04 13:07					
% Solids	98.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
South SW (4A28007-04)	Soil	Sampled: 01/27/04 13:25		Received: 01/28/04 13:07					
% Solids	94.0		%	1	EA42901	01/29/04	01/29/04	% calculation	
Bottom (4A28007-05)	Soil	Sampled: 01/27/04 13:50		Received: 01/28/04 13:07					
Chloride	63.8	20.0	mg/kg Wet	2	EA43015	01/28/04	01/30/04	SW 846 9253	
% Solids	97.0		%	1	EA42901	01/29/04	01/29/04	% calculation	

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
North SW (4A28007-01) Soil Sampled: 01/27/04 13:15 Received: 01/28/04 13:07									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*76.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*77.8 %*	*70-130*		"	"	"	"	
West SW (4A28007-02) Soil Sampled: 01/27/04 13:42 Received: 01/28/04 13:07									
Gasoline Range Organics C6-C12	**88.2**	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	**127**	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**215**	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*92.4 %*	*70-130*		"	"	"	"	
East SW (4A28007-03) Soil Sampled: 01/27/04 13:28 Received: 01/28/04 13:07									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*86.2 %*	*70-130*		"	"	"	"	
South SW (4A28007-04) Soil Sampled: 01/27/04 13:25 Received: 01/28/04 13:07									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*79.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*73.8 %*	*70-130*		"	"	"	"	

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom (4A28007-05) Soil Sampled: 01/27/04 13:50 Received: 01/28/04 13:07									
Benzene	ND	0.0250	mg/kg dry	25	EA43005	01/29/04	01/30/04	EPA 8021B	
Toluene	**0.0413**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0954**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.613**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.137**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*90.7 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	123	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	599	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	722	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*97.2 %*	*70-130*		"	"	"	"	

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

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 EA42806 - 1005 TX										
Blank (EA42806-BLK1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*35.5*		*mg/kg*	*50.0*		*71.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		*"*	*50.0*		*71.2*	*70-130*			
LCS (EA42806-BS1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	442		mg/kg	500		88.4	75-125			
Diesel Range Organics >C12-C35	457		"	500		91.4	75-125			
Total Hydrocarbon C6-C35	899		"	1000		89.9	75-125			
Surrogate: 1-Chlorooctane	*40.7*		*"*	*50.0*		*81.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		*"*	*50.0*		*71.2*	*70-130*			
Calibration Check (EA42806-CCV1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	512		mg/kg	500		102	80-120			
Diesel Range Organics >C12-C35	492		"	500		98.4	80-120			
Total Hydrocarbon C6-C35	1000		"	1000		100	80-120			
Surrogate: 1-Chlorooctane	*61.9*		*"*	*50.0*		*124*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.5*		*"*	*50.0*		*113*	*70-130*			
Matrix Spike (EA42806-MS1)	**Source: 4A28003-01**			Prepared: 01/28/04 Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	514		mg/kg	500	ND	103	75-125			
Diesel Range Organics >C12-C35	520		"	500	ND	104	75-125			
Total Hydrocarbon C6-C35	1030		"	1000	ND	103	75-125			
Surrogate: 1-Chlorooctane	*53.3*		*"*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.4*		*"*	*50.0*		*88.8*	*70-130*			
Matrix Spike Dup (EA42806-MSD1)	**Source: 4A28003-01**			Prepared: 01/28/04 Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	511		mg/kg	500	ND	102	75-125	0.585	20	
Diesel Range Organics >C12-C35	488		"	500	ND	97.6	75-125	6.35	20	
Total Hydrocarbon C6-C35	1000		"	1000	ND	100	75-125	2.96	20	
Surrogate: 1-Chlorooctane	*51.4*		*"*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.6*		*"*	*50.0*		*83.2*	*70-130*			

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

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 EA43005 - EPA 5030C (GC)										
Blank (EA43005-BLK1)			Prepared & Analyzed: 01/29/04							
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	*92.0*		*ug/kg*	*100*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*87.1*		"	*100*		*87.1*	*80-120*			
LCS (EA43005-BS1)			Prepared & Analyzed: 01/29/04							
Benzene	86.5		ug/kg	100		86.5	80-120			
Toluene	88.9		"	100		88.9	80-120			
Ethylbenzene	89.0		"	100		89.0	80-120			
Xylene (p/m)	181		"	200		90.5	80-120			
Xylene (o)	89.4		"	100		89.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*88.7*		"	*100*		*88.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.1*		"	*100*		*91.1*	*80-120*			
Calibration Check (EA43005-CCV1)			Prepared: 01/29/04 Analyzed: 01/30/04							
Benzene	80.1		ug/kg	100		80.1	80-120			
Toluene	82.3		"	100		82.3	80-120			
Ethylbenzene	82.0		"	100		82.0	80-120			
Xylene (p/m)	166		"	200		83.0	80-120			
Xylene (o)	83.5		"	100		83.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*85.2*		"	*100*		*85.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*88.1*		"	*100*		*88.1*	*80-120*			
Matrix Spike (EA43005-MS1)	**Source: 4A28003-01**		Prepared: 01/29/04 Analyzed: 01/30/04							
Benzene	84.3		ug/kg	100	ND	84.3	80-120			
Toluene	87.4		"	100	ND	87.4	80-120			
Ethylbenzene	88.7		"	100	ND	88.7	80-120			
Xylene (p/m)	177		"	200	ND	88.5	80-120			
Xylene (o)	87.3		"	100	ND	87.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	*86.0*		"	*100*		*86.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*89.5*		"	*100*		*89.5*	*80-120*			

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

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 EA43005 - EPA 5030C (GC)										
Matrix Spike Dup (EA43005-MSD1)	Source: 4A28003-01			Prepared: 01/29/04		Analyzed: 01/30/04				
Benzene	80.0		ug/kg	100	ND	80.0	80-120	5.23	20	
Toluene	82.2		"	100	ND	82.2	80-120	6.13	20	
Ethylbenzene	82.6		"	100	ND	82.6	80-120	7.12	20	
Xylene (p/m)	167		"	200	ND	83.5	80-120	5.81	20	
Xylene (o)	83.0		"	100	ND	83.0	80-120	5.05	20	
Surrogate: a,a,a-Trifluorotoluene	*82.3*		"	*100*		*82.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*86.0*		"	*100*		*86.0*	*80-120*			

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:10

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 EA42901 - % Moisture										
Blank (EA42901-BLK1)				Prepared & Analyzed: 01/29/04						
% Solids	100		%							
Duplicate (EA42901-DUP1)	Source: 4A28003-01			Prepared & Analyzed: 01/29/04						
% Solids	95.0		%		91.0			4.30	20	
Batch EA43015 - Water Extraction										
Blank (EA43015-BLK1)				Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	ND	20.0	mg/kg							
Calibration Check (EA43015-CCV1)				Prepared & Analyzed: 01/30/04						
Chloride	4940		mg/kg	5000		98.8	80-120			
Matrix Spike (EA43015-MS1)	Source: 4A27006-01			Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	691	20.0	mg/kg	500	223	93.6	80-120			
Matrix Spike Dup (EA43015-MSD1)	Source: 4A27006-01			Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	702	20.0	mg/kg	500	223	95.8	80-120	1.58	20	

Quality Assurance Review

Duke Energy Field Services, LP (Midland) 3300 North A Street, Bldg. 7 Duke Energy Field Services, LP (Midland)	Project: Rambo Project Number: None Given Project Manager: Lynn Ward	(432) 620-4162 **Reported:** 01/31/04 06:10

Notes and Definitions

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

nvironmental Lab of Texas

00 West I-20 East
essa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Lynn Ward
Company Name: Duke Energy Field Services, LP
Company Address: 3300 N. "A" St., Bldg. 7
City/State/Zip: Midland, TX 79705
Telephone No: 432/620-4207 Fax No: 432/620-4162
Sampler Signature: Lynn Ward

Project Name: Rambo
Project #:
Project Loc: Flare Pit
PO #:

Analyze For:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	TPH: 418.1 / 8015M / 1005 / 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260 *	IRCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
4A28007				4 oz glass												TCLP:											
																TOTAL:							*				
-01	North SW	1/27/04	1315	1	X									X		X											X
-02	West SW	1/27/04	1342	1	X									X		X											X
-03	East SW	1/27/04	1328	1	X									X		X											X
-04	South SW	1/27/04	1325	1	X									X		X											X
-05	Bottom	1/27/04	1350	1	X									X		X		X					X				X

Special Instructions:
* Please run 1 BTEX analysis of sample with highest TPH

Sample Containers Intact? Y N
Temperature Upon Receipt: 4.0°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Lynn Ward	1/28/04	1307			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			[illegible]	01-28-04	1307

Feb 02 04 05:14p

P-11

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Lynn Ward

Duke Energy Field Services, LP (Midland)

3300 North A Street, Bldg. 7

Midland, TX 79705

Project: Rambo Booster

Project Number: None Given

Location: Flare Pit

Lab Order Number: 4C18011

Report Date: 03/24/04

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3' Below Pit Bottom	4C18011-01	Soil	03/17/04 11:45	03/18/04 12:47

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

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:25

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' Below Pit Bottom (4C18011-01)									
Benzene	J [0.0218]	0.0250	mg/kg dry	25	EC42302	03/22/04	03/22/04	EPA 8021B	J
Toluene	0.196	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.351	0.0250	"	"	"	"	"	"	
Xylene (p/m)	2.43	0.0250	"	"	"	"	"	"	
Xylene (o)	6.12	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.4 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	222	25.0	mg/kg dry	1	EC42204	03/19/04	03/20/04	TX 1005	
Diesel Range Organics >C12-C35	196	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	418	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*90.2 %*	*70-130*		"	"	"	"	

"J" indicates below reporting limit.

Duke Energy Field Services, LP (Midland)	Project: Rumbo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX 79705	Project Manager: Lynn Ward	03/24/04 08:25

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3' Below Pit Bottom (4C18011-01)									
% Solids	78.0		%	1	EC42002	03/20/04	03/20/04	% calculation	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:25

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 EC42204 - Solvent Extraction (GC)										
Blank (EC42204-BLK1)				Prepared & Analyzed: 03/22/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*38.6*		*mg/kg*	*50.0*		*77.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.5*		"	*50.0*		*70.6*	*70-130*			
Blank (EC42204-BLK2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*37.7*		*mg/kg*	*50.0*		*75.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.3*		"	*50.0*		*78.6*	*70-130*			
LCS (EC42204-BS1)				Prepared & Analyzed: 03/19/04						
Gasoline Range Organics C6-C12	401	25.0	mg/kg wet	500		80.2	75-125			
Diesel Range Organics >C12-C35	460	25.0	"	500		92.0	75-125			
Total Hydrocarbon C6-C35	861	25.0	"	1000		86.1	75-125			
Surrogate: 1-Chlorooctane	*37.7*		*mg/kg*	*50.0*		*75.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.9*		"	*50.0*		*73.8*	*70-130*			
LCS (EC42204-BS2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	461	25.0	mg/kg wet	500		92.2	75-125			
Diesel Range Organics >C12-C35	531	25.0	"	500		106	75-125			
Total Hydrocarbon C6-C35	992	25.0	"	1000		99.2	75-125			
Surrogate: 1-Chlorooctane	*50.8*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		"	*50.0*		*89.6*	*70-130*			
LCS Dup (EC42204-BSD2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	452	25.0	mg/kg wet	500		90.4	75-125	1.97	20	
Diesel Range Organics >C12-C35	525	25.0	"	500		105	75-125	1.14	20	
Total Hydrocarbon C6-C35	977	25.0	"	1000		97.7	75-125	1.52	20	
Surrogate: 1-Chlorooctane	*51.2*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.1*		"	*50.0*		*86.2*	*70-130*			

Environmental Lab of Texas

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:25

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 EC42204 - Solvent Extraction (GC)										
Calibration Check (EC42204-CCV1)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	466		mg/kg	500		93.2	80-120			
Diesel Range Organics >C12-C35	574		"	500		115	80-120			
Total Hydrocarbon C6-C35	1040		"	1000		104	80-120			
Surrogate: 1-Chlorooctane	*51.5*		"	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		"	*50.0*		*89.6*	*70-130*			
Calibration Check (EC42204-CCV2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	462		mg/kg	500		92.4	80-120			
Diesel Range Organics >C12-C35	547		"	500		109	80-120			
Total Hydrocarbon C6-C35	1010		"	1000		101	80-120			
Surrogate: 1-Chlorooctane	*60.2*		"	*50.0*		*120*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.3*		"	*50.0*		*90.6*	*70-130*			
Matrix Spike (EC42204-MS1)	Source: 4C18009-01			Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	533	25.0	mg/kg dry	562	ND	94.8	75-125			
Diesel Range Organics >C12-C35	603	25.0	"	562	ND	107	75-125			
Total Hydrocarbon C6-C35	1140	25.0	"	1120	ND	102	75-125			
Surrogate: 1-Chlorooctane	*54.1*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.9*		"	*50.0*		*87.8*	*70-130*			
Matrix Spike Dup (EC42204-MSD1)	Source: 4C18009-01			Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	545	25.0	mg/kg dry	562	ND	97.0	75-125	2.23	20	
Diesel Range Organics >C12-C35	624	25.0	"	562	ND	111	75-125	3.42	20	
Total Hydrocarbon C6-C35	1170	25.0	"	1120	ND	104	75-125	2.60	20	
Surrogate: 1-Chlorooctane	*56.5*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.0*		"	*50.0*		*92.0*	*70-130*			

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:25

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 EC42302 - EPA 5030C (GC)										
Blank (EC42302-BLK1)				Prepared & Analyzed: 03/22/04						
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	*92.0*		*ug/kg*	*100*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*94.4*		"	*100*		*94.4*	*80-120*			
LCS (EC42302-BS1)				Prepared & Analyzed: 03/22/04						
Benzene	97.4		ug/kg	100		97.4	80-120			
Toluene	92.2		"	100		92.2	80-120			
Ethylbenzene	93.5		"	100		93.5	80-120			
Xylene (p/m)	187		"	200		93.5	80-120			
Xylene (o)	96.6		"	100		96.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*101*		"	*100*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*103*		"	*100*		*103*	*80-120*			
Calibration Check (EC42302-CCV1)				Prepared: 03/22/04 Analyzed: 03/23/04						
Benzene	94.7		ug/kg	100		94.7	80-120			
Toluene	87.7		"	100		87.7	80-120			
Ethylbenzene	86.2		"	100		86.2	80-120			
Xylene (p/m)	173		"	200		86.5	80-120			
Xylene (o)	90.1		"	100		90.1	80-120			
Surrogate: a,a,a-Trifluorotoluene	*93.3*		"	*100*		*93.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*90.5*		"	*100*		*90.5*	*80-120*			
Matrix Spike (EC42302-MS1)	Source: 4C19001-01			Prepared: 03/22/04 Analyzed: 03/23/04						
Benzene	89.2		ug/kg	100	ND	89.2	80-120			
Toluene	84.1		"	100	ND	84.1	80-120			
Ethylbenzene	84.5		"	100	ND	84.5	80-120			
Xylene (p/m)	170		"	200	ND	85.0	80-120			
Xylene (o)	87.7		"	100	ND	87.7	80-120			
Surrogate: a,a,a-Trifluorotoluene	*88.0*		"	*100*		*88.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*88.6*		"	*100*		*88.6*	*80-120*			

Environmental Lab of Texas

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:25

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 EC42302 - EPA 5030C (GC)										
Matrix Spike Dup (EC42302-MSD1)	Source: 4C19001-01			Prepared: 03/22/04 Analyzed: 03/23/04						
Benzene	94.8		ug/kg	100	ND	94.8	80-120	6.09	20	
Toluene	88.6		"	100	ND	88.6	80-120	5.21	20	
Ethylbenzene	88.4		"	100	ND	88.4	80-120	4.51	20	
Xylene (p/m)	178		"	200	ND	89.0	80-120	4.60	20	
Xylene (o)	91.3		"	100	ND	91.3	80-120	4.02	20	
Surrogate: a,a,a-Trifluorotoluene	*95.6*		"	*100*		*95.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*95.4*		"	*100*		*95.4*	*80-120*			

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:25

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 EC42002 - % Solids										
Blank (EC42002-BLK1)				Prepared & Analyzed: 03/20/04						
% Solids	100		%							
Duplicate (EC42002-DUP1)		Source: 4C18009-01		Prepared & Analyzed: 03/20/04						
% Solids	89.0		%		89.0			0.00	20	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/24/04 08:35

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Lynn Ward
Company Name: Duke Energy Field Services, LP
Company Address: 10 Desta Dr., Suite 400-W
City/State/Zip: Midland, TX 79705
Telephone No: 432/620-4207 Fax No: 432/620-4162
Sampler Signature: Lynn C Ward

Project Name: Rambo Booster
Project #:
Project Loc: Flare Pit
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	TOTAL: Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
	3' below pit bottom	3/17/04	1145	1	X											X							X				

Special Instructions:
Please email analytical lcward@dukeenergy.com

Sample Containers Intact? Y N
Temperature Upon Receipt: 0.5°C
Laboratory Comments:

COPY

Relinquished by:	Date	Time	Received by:	Date	Time
Lynn C Ward	3/18/04	1247			
Relinquished by	Date	Time	Received by ELOT:	Date	Time
			Jeanne McMurray	03-18-04	1247

Duke Energy
Field Services

DUKE ENERGY FIELD SERVICES
3300 North A Street
Building 7
Midland, TX 79705

432 620 4000

April 23, 2004

Mr. Mike Stubblefield
Environmental Bureau
Oil Conservation Division
1301 W. Grand Avenue
Artesia, NM 87410

RE: Trash Pit Closure
Rambo Compressor Location (previously Avalon Gas Plant)

Dear Mr. Stubblefield:

In accordance with the pit closure form C-144 and the Approval of the OCD (dated April 7, 2004), Duke Energy Field Services, LP (DEFS) completed the backfilling of the Trash Pit located at Rambo Booster on April 20th, 2004 as proposed in the Addendum to Evaluation and Work Plan Dated February 13, 2004. All analytical data and a figure showing the location of the pit is attached.

The analytical data for all sidewalls and three (3) feet below the pit bottom revealed soil levels for the Contaminants of Concern (COC) to be below the Recommended Remedial Action Levels (RRAL) contained in the NMOCD guidelines consistent with a Total Ranking Score of 0 based on the following, and as agreed with the OCD, documented by the letter from the OCD to DEFS dated April 7, 2004:

Depth to groundwater greater than 100 feet below the pit bottom =	0 points
Pit site is greater than 200 feet from a private domestic source and greater than 1,000 feet from all other water sources =	0 points
Pit site is greater than 1,000 feet to any surface water =	0 points

If you have any questions, comments, or concerns, please contact me at 432/620-4207.

Sincerely,
Duke Energy Field Services, LP

Lynn Ward
Sr. Environmental Specialist
Western Division

Cc: G. Kardos
R. Counts
S. Weathers
File: Rambo Compresser Station, 5.2.3

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☑
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☑

Operator: Duke Energy Field Services, LP Telephone: 432/620-4016 e-mail address: lcward@duke-energy.com
Address: 10 Desta Dr., Suite 400-W, Midland, TX 79705
Facility or well name: Rambo Booster API #: _____ U/L or Qtr/Qtr NW/4SE/4 Sec 9 T 20S R 27E
County: Eddy Latitude 32°29.597' Longitude 104° 11.457' NAD: 1927 ☑ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☑ Indian ☐

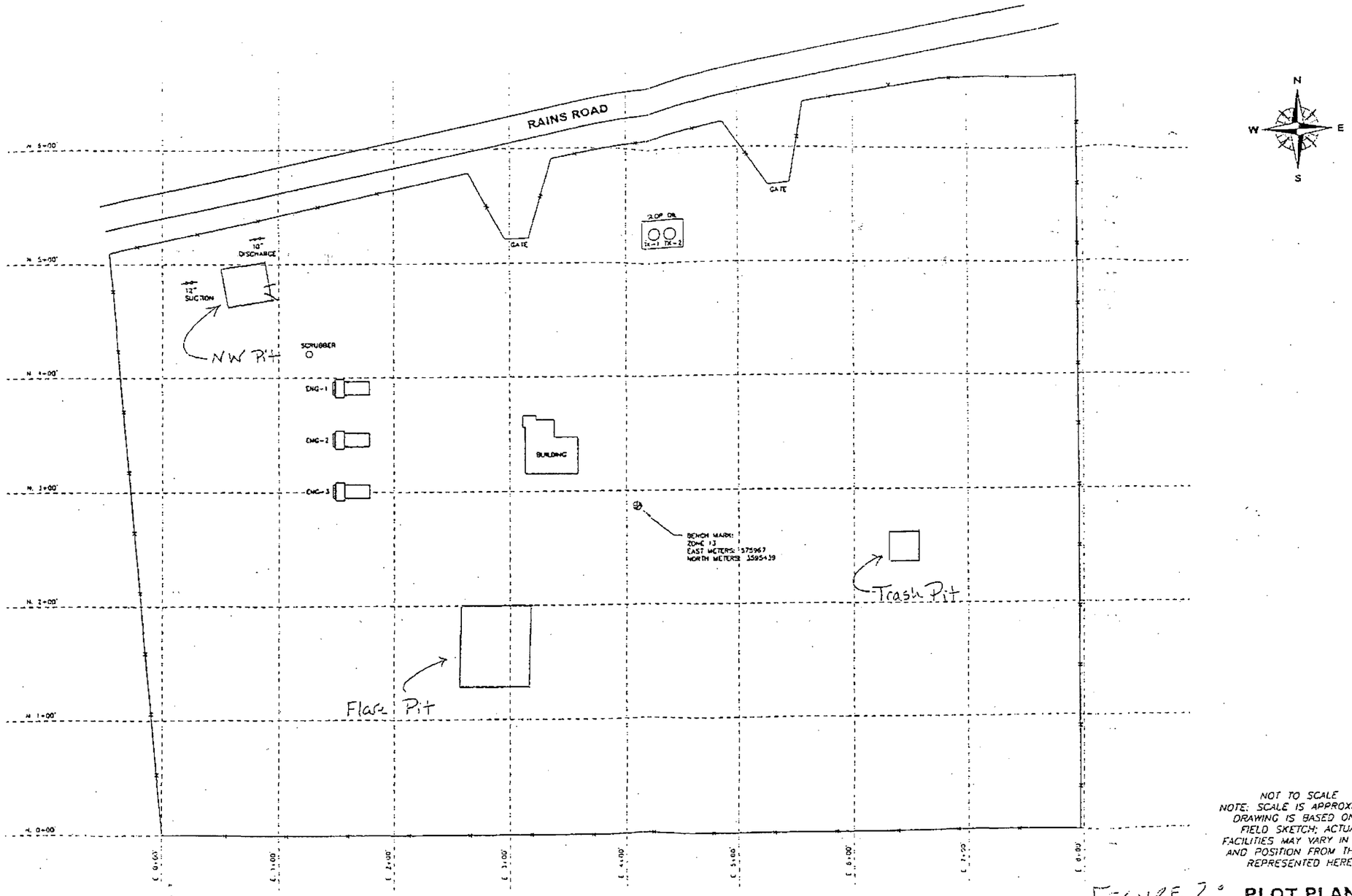
Pit	Below-grade tank
Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☑ – Trash Pit Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Volume ____bbl	Volume: NA bbl Type of fluid: NA Construction material: NA Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points) ✗ 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 No	(20 points) (0 points) ✗ 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) ✗ 0
	Ranking Score (Total Points)	0

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☑ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☑ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☑, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.
Date: 4/28/04
Printed Name/Title Sr. Environmental Spec. Signature Lynn Ward
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Date: _____
Printed Name/Title _____ Signature _____



NOT TO SCALE
NOTE: SCALE IS APPROXIMATE. DRAWING IS BASED ON A FIELD SKETCH; ACTUAL FACILITIES MAY VARY IN SIZE AND POSITION FROM THOSE REPRESENTED HERE.

FIGURE 2: **PLOT PLAN**

REV	DATE	REVISION	BY	CHK'D	ENGR.	ENGR. MGR.
0	6-25-03	DRAWN FROM O.E.F.S. SKETCH (5-30-03)	J.R.E.	K.M.K.		
1	7-14-03	ADDED ENG-2	J.R.E.	K.M.K.		
2	10-3-03	ADDED ENG-3	J.R.E.	K.M.K.		

REV	DATE	REVISION	BY	CHK'D	ENGR.	ENGR. MGR.

Duke Energy®
Field Services

RAMBO BOOSTER STATION
CARLSBAD GATHERING SYSTEM
Eddy County
NEW MEXICO

DWG. NO. I:\OEFS_EHS\Mapping\NewMexico\Carlsbad\S_Carlsbad_Plot

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Lynn Ward

Duke Energy Field Services, LP (Midland)

3300 North A Street, Bldg. 7

Midland, TX 79705

Project: Rambo

Project Number: None Given

Location: Trash Pit

Lab Order Number: 4A28009

Report Date: 01/31/04

Duke Energy Field Services, LP (Midland) 3300 North A Street, Bldg. 7 Duke Energy Field Services, LP (Midland)	Project: Rambo Project Number: None Given Project Manager: Lynn Ward	(432) 620-4162 Reported: 01/31/04 06:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom	4A28009-01	Soil	01/27/04 15:33	01/28/04 13:08

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:11

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom (4A28009-01) Soil Sampled: 01/27/04 15:33 Received: 01/28/04 13:08									
Benzene	ND	0.0250	mg/kg dry	25	EA43005	01/29/04	01/29/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*80.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EA42806	01/28/04	01/29/04	TX 1005	
Diesel Range Organics >C12-C35	**135**	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**135**	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*108 %*	*70-130*		"	"	"	"	

Quality Assurance Review

Duke Energy Field Services, LP (Midland) 3300 North A Street, Bldg. 7 Duke Energy Field Services, LP (Midland)	Project: Rambo Project Number: None Given Project Manager: Lynn Ward	(432) 620-4162 Reported: 01/31/04 06:11

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom (4A28009-01) Soil Sampled: 01/27/04 15:33 Received: 01/28/04 13:08									
Chloride	21.3	20.0	mg/kg	2	EA43015	01/28/04	01/30/04	SW 846 9253	
% Solids	99.0		%	1	EA42901	01/29/04	01/29/04	% calculation	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:11

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 EA42806 - 1005 TX										
Blank (EA42806-BLK1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*35.5*		*mg/kg*	*50.0*		*71.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		"	*50.0*		*71.2*	*70-130*			
LCS (EA42806-BS1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	442		mg/kg	500		88.4	75-125			
Diesel Range Organics >C12-C35	457		"	500		91.4	75-125			
Total Hydrocarbon C6-C35	899		"	1000		89.9	75-125			
Surrogate: 1-Chlorooctane	*40.7*		"	*50.0*		*81.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		"	*50.0*		*71.2*	*70-130*			
Calibration Check (EA42806-CCV1)				Prepared & Analyzed: 01/28/04						
Gasoline Range Organics C6-C12	512		mg/kg	500		102	80-120			
Diesel Range Organics >C12-C35	492		"	500		98.4	80-120			
Total Hydrocarbon C6-C35	1000		"	1000		100	80-120			
Surrogate: 1-Chlorooctane	*61.9*		"	*50.0*		*124*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.5*		"	*50.0*		*113*	*70-130*			
Matrix Spike (EA42806-MS1)	Source: 4A28003-01			Prepared: 01/28/04 Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	514		mg/kg	500	ND	103	75-125			
Diesel Range Organics >C12-C35	520		"	500	ND	104	75-125			
Total Hydrocarbon C6-C35	1030		"	1000	ND	103	75-125			
Surrogate: 1-Chlorooctane	*53.3*		"	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.4*		"	*50.0*		*88.8*	*70-130*			
Matrix Spike Dup (EA42806-MSD1)	Source: 4A28003-01			Prepared: 01/28/04 Analyzed: 01/29/04						
Gasoline Range Organics C6-C12	511		mg/kg	500	ND	102	75-125	0.585	20	
Diesel Range Organics >C12-C35	488		"	500	ND	97.6	75-125	6.35	20	
Total Hydrocarbon C6-C35	1000		"	1000	ND	100	75-125	2.96	20	
Surrogate: 1-Chlorooctane	*51.4*		"	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.6*		"	*50.0*		*83.2*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:11

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 EA43005 - EPA 5030C (GC)										
Blank (EA43005-BLK1)			Prepared & Analyzed: 01/29/04							
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	*92.0*		*ug/kg*	*100*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*87.1*		"	*100*		*87.1*	*80-120*			
LCS (EA43005-BS1)			Prepared & Analyzed: 01/29/04							
Benzene	86.5		ug/kg	100		86.5	80-120			
Toluene	88.9		"	100		88.9	80-120			
Ethylbenzene	89.0		"	100		89.0	80-120			
Xylene (p/m)	181		"	200		90.5	80-120			
Xylene (o)	89.4		"	100		89.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*88.7*		"	*100*		*88.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*91.1*		"	*100*		*91.1*	*80-120*			
Calibration Check (EA43005-CCV1)			Prepared: 01/29/04 Analyzed: 01/30/04							
Benzene	80.1		ug/kg	100		80.1	80-120			
Toluene	82.3		"	100		82.3	80-120			
Ethylbenzene	82.0		"	100		82.0	80-120			
Xylene (p/m)	166		"	200		83.0	80-120			
Xylene (o)	83.5		"	100		83.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*85.2*		"	*100*		*85.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*88.1*		"	*100*		*88.1*	*80-120*			
Matrix Spike (EA43005-MS1)	**Source: 4A28003-01**		Prepared: 01/29/04 Analyzed: 01/30/04							
Benzene	84.3		ug/kg	100	ND	84.3	80-120			
Toluene	87.4		"	100	ND	87.4	80-120			
Ethylbenzene	88.7		"	100	ND	88.7	80-120			
Xylene (p/m)	177		"	200	ND	88.5	80-120			
Xylene (o)	87.3		"	100	ND	87.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	*86.0*		"	*100*		*86.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*89.5*		"	*100*		*89.5*	*80-120*			

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:11

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 EA43005 - EPA 5030C (GC)										
Matrix Spike Dup (EA43005-MSD1)	**Source: 4A28003-01**			Prepared: 01/29/04		Analyzed: 01/30/04				
Benzene	80.0		ug/kg	100	ND	80.0	80-120	5.23	20	
Toluene	82.2		"	100	ND	82.2	80-120	6.13	20	
Ethylbenzene	82.6		"	100	ND	82.6	80-120	7.12	20	
Xylene (p/m)	167		"	200	ND	83.5	80-120	5.81	20	
Xylene (o)	83.0		"	100	ND	83.0	80-120	5.05	20	
Surrogate: a,a,a-Trifluorotoluene	*82.3*		"	*100*		*82.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*86.0*		"	*100*		*86.0*	*80-120*			

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:11

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 EA42901 - % Moisture										
Blank (EA42901-BLK1)				Prepared & Analyzed: 01/29/04						
% Solids	100		%							
Duplicate (EA42901-DUP1)		Source: 4A28003-01		Prepared & Analyzed: 01/29/04						
% Solids	95.0		%		91.0			4.30	20	
Batch EA43015 - Water Extraction										
Blank (EA43015-BLK1)				Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	ND	20.0	mg/kg							
Calibration Check (EA43015-CCV1)				Prepared & Analyzed: 01/30/04						
Chloride	4940		mg/kg	5000		98.8	80-120			
Matrix Spike (EA43015-MS1)		Source: 4A27006-01		Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	691	20.0	mg/kg	500	223	93.6	80-120			
Matrix Spike Dup (EA43015-MSD1)		Source: 4A27006-01		Prepared: 01/27/04 Analyzed: 01/30/04						
Chloride	702	20.0	mg/kg	500	223	95.8	80-120	1.58	20	

Quality Assurance Review

Duke Energy Field Services, LP (Midland)	Project: Rambo	(432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Duke Energy Field Services, LP (Midland)	Project Manager: Lynn Ward	01/31/04 06:11

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Lynn Ward
Company Name: Duke Energy Field Services, LP
Company Address: 3300 N. "A" St., Bldg. 7
City/State/Zip: Midland, TX 79705
Telephone No: 432/620-4207 Fax No: 432/620-4162
Sampler Signature: Lynn Ward

Project Name: ~~Fatt~~ Rambo
Project #:
Project Loc: Trash Pit
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4 oz glass	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule)	Standard TAT
4N28009																											
-01	Bottom	1/27/04	1533	1	X									X		X		X					X				X

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
4.0°C

Relinquished by:	Date	Time	Received by:	Date	Time
Lynn Ward	1/28/04	1308			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Jane Mcmurry	01-28-04	1308

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Lynn Ward

Duke Energy Field Services, LP (Midland)

3300 North A Street, Bldg. 7

MIdland, TX 79705

Project: Rambo Booster

Project Number: None Given

Location: Trash Pit

Lab Order Number: 4C18009

Report Date: 03/23/04

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
North SW	4C18009-01	Soil	03/17/04 10:30	03/18/04 12:40
South SW	4C18009-02	Soil	03/17/04 10:30	03/18/04 12:40
East SW	4C18009-03	Soil	03/17/04 10:30	03/18/04 12:40
West SW	4C18009-04	Soil	03/17/04 10:30	03/18/04 12:40
3' Below Bottom	4C18009-05	Soil	03/17/04 10:30	03/18/04 12:40

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Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:06

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
North SW (4C18009-01)									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EC42204	03/19/04	03/20/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*94.4 %*	*70-130*		"	"	"	"	
South SW (4C18009-02)									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EC42204	03/19/04	03/20/04	TX 1005	
Diesel Range Organics >C12-C35	32.2	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	32.2	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*96.6 %*	*70-130*		"	"	"	"	
East SW (4C18009-03)									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EC42204	03/19/04	03/20/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.2 %*	*70-130*		"	"	"	"	
West SW (4C18009-04)									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EC42204	03/19/04	03/20/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*92.6 %*	*70-130*		"	"	"	"	
3' Below Bottom (4C18009-05)									
Gasoline Range Organics C6-C12	ND	25.0	mg/kg dry	1	EC42204	03/19/04	03/20/04	TX 1005	
Diesel Range Organics >C12-C35	ND	25.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	25.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.0 %*	*70-130*		"	"	"	"	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:06

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
North SW (4C18009-01)									
% Solids	89.0		%	1	EC42002	03/20/04	03/20/04	% calculation	
South SW (4C18009-02)									
% Solids	77.0		%	1	EC42002	03/20/04	03/20/04	% calculation	
East SW (4C18009-03)									
% Solids	80.0		%	1	EC42002	03/20/04	03/20/04	% calculation	
West SW (4C18009-04)									
% Solids	78.0		%	1	EC42002	03/20/04	03/20/04	% calculation	
3' Below Bottom (4C18009-05)									
% Solids	76.0		%	1	EC42002	03/20/04	03/20/04	% calculation	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:06

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 EC42204 - Solvent Extraction (GC)										
Blank (EC42204-BLK1)				Prepared & Analyzed: 03/22/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*38.6*		*mg/kg*	*50.0*		*77.1*	*70-130*			
Surrogate: 1-Chlorooctadecane	*33.3*		"	*50.0*		*70.6*	*70-130*			
Blank (EC42204-BLK2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	ND	25.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	25.0	"							
Total Hydrocarbon C6-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*37.7*		*mg/kg*	*50.0*		*75.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.3*		"	*50.0*		*78.6*	*70-130*			
LCS (EC42204-BS1)				Prepared & Analyzed: 03/19/04						
Gasoline Range Organics C6-C12	401	25.0	mg/kg wet	500		80.2	75-125			
Diesel Range Organics >C12-C35	460	25.0	"	500		92.0	75-125			
Total Hydrocarbon C6-C35	861	25.0	"	1000		86.1	75-125			
Surrogate: 1-Chlorooctane	*37.7*		*mg/kg*	*50.0*		*75.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.9*		"	*50.0*		*73.8*	*70-130*			
LCS (EC42204-BS2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	461	25.0	mg/kg wet	500		92.2	75-125			
Diesel Range Organics >C12-C35	531	25.0	"	500		106	75-125			
Total Hydrocarbon C6-C35	992	25.0	"	1000		99.2	75-125			
Surrogate: 1-Chlorooctane	*50.8*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		"	*50.0*		*89.6*	*70-130*			
LCS Dup (EC42204-BSD2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	452	25.0	mg/kg wet	500		90.4	75-125	1.97	20	
Diesel Range Organics >C12-C35	525	25.0	"	500		105	75-125	1.14	20	
Total Hydrocarbon C6-C35	977	25.0	"	1000		97.7	75-125	1.52	20	
Surrogate: 1-Chlorooctane	*51.2*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.1*		"	*50.0*		*86.2*	*70-130*			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Quality Assurance Review

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Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:06

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 EC42204 - Solvent Extraction (GC)										
Calibration Check (EC42204-CCV1)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	466		mg/kg	500		93.2	80-120			
Diesel Range Organics >C12-C35	574		"	500		115	80-120			
Total Hydrocarbon C6-C35	1040		"	1000		104	80-120			
Surrogate: 1-Chlorooctane	*51.5*		"	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		"	*50.0*		*89.6*	*70-130*			
Calibration Check (EC42204-CCV2)				Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	462		mg/kg	500		92.4	80-120			
Diesel Range Organics >C12-C35	547		"	500		109	80-120			
Total Hydrocarbon C6-C35	1010		"	1000		101	80-120			
Surrogate: 1-Chlorooctane	*60.2*		"	*50.0*		*120*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.3*		"	*50.0*		*90.6*	*70-130*			
Matrix Spike (EC42204-MS1)	Source: 4C18009-01			Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	533	25.0	mg/kg dry	562	ND	94.8	75-125			
Diesel Range Organics >C12-C35	603	25.0	"	562	ND	107	75-125			
Total Hydrocarbon C6-C35	1140	25.0	"	1120	ND	102	75-125			
Surrogate: 1-Chlorooctane	*54.1*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.9*		"	*50.0*		*87.8*	*70-130*			
Matrix Spike Dup (EC42204-MSD1)	Source: 4C18009-01			Prepared: 03/19/04 Analyzed: 03/20/04						
Gasoline Range Organics C6-C12	545	25.0	mg/kg dry	562	ND	97.0	75-125	2.23	20	
Diesel Range Organics >C12-C35	624	25.0	"	562	ND	111	75-125	3.42	20	
Total Hydrocarbon C6-C35	1170	25.0	"	1120	ND	104	75-125	2.60	20	
Surrogate: 1-Chlorooctane	*56.5*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.0*		"	*50.0*		*92.0*	*70-130*			

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:06

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 EC42002 - % Solids										
Blank (EC42002-BLK1)				Prepared & Analyzed: 03/20/04						
% Solids	100		%							
Duplicate (EC42002-DUP1)		Source: 4C18009-01		Prepared & Analyzed: 03/20/04						
% Solids	89.0		%		89.0			0.00	20	

Duke Energy Field Services, LP (Midland)	Project: Rambo Booster	Fax: (432) 620-4162
3300 North A Street, Bldg. 7	Project Number: None Given	Reported:
Midland TX, 79705	Project Manager: Lynn Ward	03/23/04 15:06

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Lynn Ward
Company Name: Duke Energy Field Services, LP
Company Address: 10 Desta Dr., Suite 400-W
City/State/Zip: Midland, TX 79705
Telephone No: 432/620-4207 Fax No: 432/620-4162
Sampler Signature: Lynn C Ward
e-mail lcward@duke-energy.com

Project Name: Rambo Booster
Project #:
Project Loc: Trash Pit
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4oz 5ml	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1005	TOTAL: Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or STEX 8260	RCI	N.O.R.M.			RUSH TAT (Pre-Schedule)	Standard TAT
	North SW	3/17/04	1030	1	X											X													
	South SW	3/17/04	1030	1	X											X													
	East SW	3/17/04	1030	1	X											X													
	West SW	3/17/04	1030	1	X											X													
	3' below bottom	3/17/04	1030	1	X											X													

Special Instructions:
Please fax analysis to fax # above

COPY

Relinquished by:	Date	Time	Received by:	Date	Time
Lynn C Ward	3/18/04	1240			
Relinquished by	Date	Time	Received by ELOT:	Date	Time
			Jeanne McMurrey	03 18 04	1240

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
0.5°C

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

August 2, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9801

Ms. Vicki Gunter
GPM Gas Company, LLC
P.O. Box 50020
Midland, Texas 79710-0020

RE: Discharge Plan Renewal GW-024
GPM Gas Company, LLC
Avalon Gas Plant
Eddy County, New Mexico

Dear Ms. Gunter:

The ground water discharge plan renewal application GW-024 for the GPM Gas Company, LLC Avalon Gas Plant located in the NW/4 SE/4 of Section 9, Township 21 South, Range 27 East, NMPM, Eddy 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 10 working days of receipt of this letter.**

The original discharge plan application was submitted on September 24, 1984 and approved September 18, 1985. The discharge plan renewal application, dated May 1, 2000, submitted pursuant to Sections 5101.B.3. 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 Sections 5101.A. and 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 GPM Gas Company, LLC of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (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 provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., GPM Gas Company, LLC 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 renewal plan is for a period of five years. This renewal will expire on **September 18, 2005**, and GPM Gas Company, LLC should submit an application in ample time before this date. Note that under 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. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan

.

GPM Gas Company, LLC will submit a storm water run-off plan for approval by the OCD within six (6) months of the date of this approval letter for the Avalon Gas Plant facility.

The discharge plan renewal application for the GPM Gas Company, LLC Avalon Gas Plant is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a fee equal to the filing fee of $50. There is a renewal flat fee assessed for natural gas processing plants equal to one-half of the original flat fee or $1667.50. The OCD has received the filing fee.

Please make all checks payable to: Water Management Quality Management Fund
C/o: Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505.

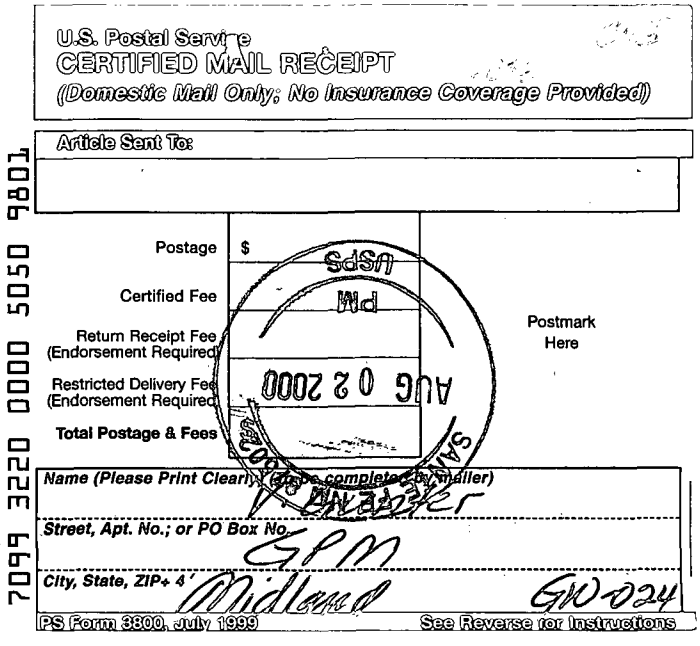
If you have any questions please contact Mr. W. Jack Ford at (505) 827-7156. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf
Attachment

xc: OCD Artesia Office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Postmark Here

Name (Please Print Clearly) (To be completed by mailer)
Street, Apt. No.; or PO Box No.
City, State, ZIP+ 4

GPM
Midland
GW-024

7099 3220 0000 5050 9801

PS Form 3800, July 1999 See Reverse for Instructions

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-024
GPM GAS COMPANY, LLC
AVALON GAS PLANT
DISCHARGE PLAN APPROVAL CONDITIONS
(August 2, 2000)

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been received by the OCD. There is a required flat fee equal to one-half of the original flat fee for natural gas processing plants. The renewal flat fee required for this facility is $1667.50 which has not been received by the OCD.

2. GPM Gas Company, LLC Commitments: GPM Gas Company, LLC will abide by all commitments submitted in the discharge plan renewal application letter dated May 1, 2000 and these conditions for approval.

3. 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.

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

5. 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.

6. 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 tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

7. 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.

8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

9. 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 demonstrate integrity on an annual basis. Integrity tests include 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.

10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee 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.

11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed 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.

12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Artesia District Office.

14. 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.

15. Storm Water Plan: The facility will have an approved storm water run-off plan.

16. Closure: The OCD will be notified when operations of the Avalon Gas Plant are discontinued for a period in excess of six months. Prior to closure of the Avalon Gas Plant 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.

17. Certification: GPM Gas Company, LLC, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. GPM Gas Company, LLC 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.

Accepted:

GPM GAS COMPANY, LLC

by_____
Title

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 1-29-02

or cash received on _____ in the amount of $ 1667.50

from Duke Energy Field Services

for Anadarko GP GW-024

(Facility Name) (OP No.)

Submitted by: _____ Date: 2-5-02

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal ✓

Modification ___ Other _____

(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER WITH VISIBLE FIBERS AND A TRUE WATERMARK ON THE REVERSE SIDE.

Duke Energy Field Services, LP
P O Box 5493
Denver, CO 80217

THE CHASE MANHATTAN BANK
Syracuse, NY

50-937/213

Vendor No.	Check Date	Check Number
111615	1/29/02	[redacted]

NOT NEGOTIABLE AFTER 120 DAYS

Check Amount
***$1,667.50

Pay *One thousand six hundred sixty-seven and 50 / 100 Dollars*

To The Order Of
NMED-
Water Quality Management Fund
NM Oil Conservation District
1220 South St Francis Drive

David L. Hanson
Authorized Signature

HOLD BETWEEN THUMB AND FOREFINGER, OR BREATHE ON SCREEN. IMAGE WILL APPEAR, THEN REAPPEAR.

Duke Energy Field Services, LP
P O Box 5493
Denver, CO 80217

Vendor Number
111615
Vendor Name
NMED-

Check Number
[redacted]
Check Date
1/29/02

Invoice Number	Invoice Date	Net Amount	Description
01-02	1/29/02	1,667.50	Accounts Payable Vouchers
	Total Paid	$1,667.50	

Please Detach and Retain for Your Records

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7001 1940 0004 3629 7437

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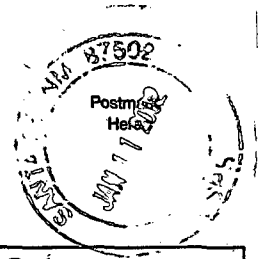

Postmark Here

Sent To K. Char

Street, Apt. No.; or PO Box No. Duke

City, State, ZIP+4 GW-024

PS Form 3800, January 2001 See Reverse for Instructions

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

January 11, 2002

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 3929 7433

Ms. Karin Char
Duke Energy Field Services, LP
P.O. Box 5493
Denver, Colorado 80217

RE: Discharge Plan Fee GW-024
Avalon Gas Plant
Eddy County, New Mexico

Dear Ms. Char:

On August 7, 2000, GPM Gas Services (Duke Energy Field Services, LP), received, via certified mail, an approval dated August 2, 2000 from the New Mexico Oil Conservation Division (OCD) for discharge plan GW-024. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114. A review of the files for this facility indicates that the OCD has not, as of this date (January 11, 2002), received the flat fee for this facility. The last check submitted by GPM Gas Services (Duke Energy Field Services, LP) was dated May 2, 2000 in the amount of $50.00 for the required filing fee for the discharge plan. The flat fee of $1,667.50 is due and payable for discharge renewal plan GW-024. An executed Discharge Plan Approval Conditions attachment has not been returned to the OCD. This attachment must be executed by Duke Energy Field Services, LP and returned to the OCD.

Duke Energy Field Services, LP will submit the remaining $1,667.50 flat fee in full by February 28, 2002 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. Please make all checks payable to: **NMED-Water Quality Management Fund** and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact Mr. Jack Ford at (505) 476-3489.

Sincerely,

Roger Anderson
Environmental Bureau Chief

RCA/wjf
xc: Artesia OCD district office

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 5-2-00,

or cash received on _____ in the amount of $ 50.00

from GPM Gas Corp.

for Avalon Gas Plant (Facility Name) GW-024 (DP No.)

Submitted by: _____ Date: 5-8-00

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility ___ Renewal ✓

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

LIBERTY

GPM GAS CORPORATION
NEW MEXICO REGION PETTY CASH
P.O. BOX 50020
MIDLAND, TX 79710-0020

[redacted]

5-2 2000

88-8685/3163

PAY TO THE ORDER OF NMED - Water Quality Management $ 50.00

Fifty + 00/100 DOLLARS

SECURITY FEATURES INCLUDED DETAILS ON BACK.

Southwest Credit Union
P.O. Box 12010 • Odessa, Texas 79768
(915) 367-8911 • (800) 344-3416

MEMO Avalon Discharge Plan Mercedes D. Ruiz

[redacted]

DATE	INVOICE NO. (DESCRIPTION)	COMPANY	*VOUCHER NO.	GROSS	DISCOUNT	NET
08-31-95	SEE BELOW	JR	J72500001	1,667.50		1,667.50

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

COVERING RENEWAL FEE FOR GROUNDWATER DISCHARGE PLAN FOR AVALO N PLANT.

CHARGE 067500-20-860 $1667.50 - INDIAN HILLS GS

PAYEE NUMBER	CHECK DATE	CHECK NO	CHECK AMOUNT
B000010485	09/05/95	[redacted]	$1,667.50

* PLEASE REFER TO VOUCHER NUMBER WHEN MAKING INQUIRIES REGARDING THIS PAYMENT
DETACH THIS STATEMENT AND KEEP FOR TAX PURPOSES. DUPLICATES CANNOT BE FURNISHED.
THE ATTACHED CHECK IS IN FULL PAYMENT OF ITEMS STATED ABOVE. ENDORSEMENT MUST BE IDENTICAL WITH THE PAYEE DESIGNATED.
FORM 2301-02 11-92 WE DO NOT REQUIRE MONTHLY STATEMENTS. IF ANY INVOICES BECOME PAST DUE, PLEASE SEND US COPIES AT ONCE.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 9/5/95,
or cash received on 9/18/95 in the amount of $ 1667.50
from GPM
for Avalon Plant (Facility Name) GW-24 (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: [signature] Date: 9/26/95
Received in ASD by: [signature] Date: 9/26/95

Filing Fee ___ New Facility ___ Renewal X
Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.
Full Payment X or Annual Increment ___

WESTSTAR BANK, NA
BARTLESVILLE, OK

GPM GAS CORPORATION
BARTLESVILLE, OKLAHOMA

86-82/10

DATE	CHECK NO.	AMOUNT
09/05/95	[redacted]	$1,667.5

B000010485

PAY TO THE ORDER OF

EXACTLY ********$1,667DOLLARS AND 50 CEN

NEW MEXICO OIL CONSERVATION DIVISION
DEPT OF ENERGY & MINERALS
P O BOX 2088
SANTA FE NM 87501

GPM GAS CORPORATION

[signature]

[redacted]

8-7-95

OIL CONSERVATION DIVISION-ENVIRONMENTAL BUREAU

TO: Mr. Vince Bernard - GPM - Fax No. 915-368-1170

FROM: PATRICIO W. SANCHEZ , PETROLEUM ENGINEER 505-827-7156

NUMBER OF PAGES INCLUDING THIS ONE: 5

MESSAGE:

Permit GW-24 Renewal Information for GPM.

IF YOU HAVE ANY TROUBLE RECEIVING THIS FAX PLEASE CALL (505)-827-7133.

OCD FAX NUMBER: (505)-827-8177

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

June 7, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-683

Mr. John Renner
Gas Company of New Mexico
Alvardo Square
Albuquerque, NM 87158-0900

RE: Approval of Discharge Plan GW-024
Renewal
Avalon Natural Gas Plant
Eddy County, New Mexico

Dear Mr. Renner:

The **discharge plan renewal GW-024 for the Gas Company Of New Mexico Avalon Natural gas plant** located in NW/4 SE/4, Section 9, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan renewal consists of the application and its contents dated March 22, 1995.

The discharge plan renewal application was submitted pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3-109.E and 3-109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this plan does not relieve Gas Company Of New Mexico of liability should the operations associated with this facility result in pollution of surface water, ground water, or the environment which may be actionable under other laws and/or regulations.

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

Please note that Section 3-104 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 3-107.C you are 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 3-109.G.4, this plan is for a period of five (5) years. This approval will expire September 18, 2000, and you should submit an application for renewal in ample time before this date.

The discharge plan renewal for the Avalon Natural Gas Plant GW-024 is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty dollars ($50) plus the flat fee of one-thousand, six-hundred and sixty seven dollars and fifty cents ($1667.50) for Gas Plants filing for renewal of existing discharge plans..

The $50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD. The flat fee check should be submitted to the **NMED - Water Quality Management** through the NMOCD office in Santa Fe, New Mexico.

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

William J. LeMay
Director

WJL/pws
Attachment

xc: Tim Gumm , OCD Artesia Office, Ms. Leigh E. Gooding Williams Field Services

Certified Mail for Ms. Leigh Gooding Z-765-962-695

ATTACHMENT TO DISCHARGE PLAN GW-024 RENEWAL
Gas Company of New Mexico - Avalon Natural Gas Plant
DISCHARGE PLAN REQUIREMENTS
(June 7, 1995)

1. Tank Berming: All tanks that contain materials other than fresh water that, if released, could contaminate surface or ground water or the environment will be bermed to contain 1 1/3 times the capacity of the tank or 1 1/3 times the volume of all interconnected tanks.

2. Drum Storage: All drums will be stored on pad and curb type containment.

3. Spills: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.

4. Modifications: All proposed modifications that include the construction of any below grade facilities or the excavation and disposal of wastes or contaminated soils will have OCD approval prior to excavation, construction or disposal.

5. All Non-exempt waste streams will be tested for Hazardous Characteristics. Those streams that are Non-Hazardous may go to an OCD approved disposal facility. Note: Only oilfield exempt streams may go down Class II disposal wells. Non-Exempt -Non-Hazardous streams may not be injected into Class II disposal wells. Any Hazardous waste falls under the Jurisdiction of the New Mexico Environment Department.

6. All Non-exempt waste streams should be characterized for Hazardous characteristics.

7. The exemption for the cooling tower waste tank and the proposed exemption for the cooling tower storage tank may be granted provided that water quality meets the criteria of section 1-101.ZZ in the WQCC regulations as well as section 3-103 parts A,B, and C which ever is the more stringent. A one time test of the two streams over the five (5) year period of the renewal will be sufficient.

8. The dirt as described as an accumulation under the cooling tower water storage tank under section 4 page 9 of the renewal application shall be tested for Hazardous Characteristics.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

June 7, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-683

Mr. John Renner
Gas Company of New Mexico
Alvardo Square
Albuquerque, NM 87158-0900

RE: Approval of Discharge Plan GW-024
Renewal
Avalon Natural Gas Plant
Eddy County, New Mexico

Dear Mr. Renner:

The **discharge plan renewal GW-024 for the Gas Company Of New Mexico Avalon Natural gas plant** located in NW/4 SE/4, Section 9, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan renewal consists of the application and its contents dated March 22, 1995.

The discharge plan renewal application was submitted pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3-109.E and 3-109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this plan does not relieve Gas Company Of New Mexico of liability should the operations associated with this facility result in pollution of surface water, ground water, or the environment which may be actionable under other laws and/or regulations.

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

Please note that Section 3-104 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 3-107.C you are 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 3-109.G.4, this plan is for a period of five (5) years. This approval will expire September 18, 2000, and you should submit an application for renewal in ample time before this date.

The discharge plan renewal for the Avalon Natural Gas Plant GW-024 is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty dollars ($50) plus the flat fee of one-thousand, six-hundred and sixty seven dollars and fifty cents ($1667.50) for Gas Plants filing for renewal of existing discharge plans..

The $50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD. The flat fee check should be submitted to the **NMED - Water Quality Management** through the NMOCD office in Santa Fe, New Mexico.

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

William J. LeMay
Director

WJL/pws
Attachment

xc: Tim Gumm , OCD Artesia Office, Ms. Leigh E. Gooding Williams Field Services

Certified Mail for Ms. Leigh Gooding Z-765-962-695

ATTACHMENT TO DISCHARGE PLAN GW-024 RENEWAL
Gas Company of New Mexico - Avalon Natural Gas Plant
DISCHARGE PLAN REQUIREMENTS
(June 7, 1995)

1. Tank Berming: All tanks that contain materials other than fresh water that, if released, could contaminate surface or ground water or the environment will be bermed to contain 1 1/3 times the capacity of the tank or 1 1/3 times the volume of all interconnected tanks.

2. Drum Storage: All drums will be stored on pad and curb type containment.

3. Spills: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.

4. Modifications: All proposed modifications that include the construction of any below grade facilities or the excavation and disposal of wastes or contaminated soils will have OCD approval prior to excavation, construction or disposal.

5. All Non-exempt waste streams will be tested for Hazardous Characteristics. Those streams that are Non-Hazardous may go to an OCD approved disposal facility. Note: Only oilfield exempt streams may go down Class II disposal wells. Non-Exempt -Non-Hazardous streams may not be injected into Class II disposal wells. Any Hazardous waste falls under the Jurisdiction of the New Mexico Environment Department.

6. All Non-exempt waste streams should be characterized for Hazardous characteristics.

7. The exemption for the cooling tower waste tank and the proposed exemption for the cooling tower storage tank may be granted provided that water quality meets the criteria of section 1-101.ZZ in the WQCC regulations as well as section 3-103 parts A,B, and C which ever is the more stringent. A one time test of the two streams over the five (5) year period of the renewal will be sufficient.

8. The dirt as described as an accumulation under the cooling tower water storage tank under section 4 page 9 of the renewal application shall be tested for Hazardous Characteristics.

PS Form 3800, March 1993

Postmark or Date
TOTAL Postage & Fees $
Return Receipt Showing to Whom, Date, and Addressee's Address
Return Receipt Showing to Whom & Date Delivered
Restricted Delivery Fee
Special Delivery Fee
Certified Fee
Postage $
P.O., State and ZIP Code
Street and No. Glenn Renner
Sent to

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Z 765 962 683

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

DRUG FREE

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

September 19, 1994

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO.P-176-012-261

Mr. Robert D. Bogan
Gas Company of New Mexico
P.O. Box 1419
Carlsbad, New Mexico 88221

RE: Discharge Plan GW-24
Avalon Gas Processing Plant
Eddy County, New Mexico

Dear Mr. Bogan:

On September 18, 1985, the original groundwater discharge plan , GW-24 for the Avalon Natural Gas Processing Plant located in the NE/2 NW/3 SE/4 Section 9, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, was approved by the Director of the Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. The discharge plan was renewed August 30, 1990. The approval will expire on June 10, 1995.

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operations, you must renew your discharge plan. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several months. Please indicate whether you have made, or intend to make, any changes in your discharge system, and if so, please include these modifications in your application for renewal. Current WQCC Regulations do not allow for an expired discharge plan to receive an extension. Therefore you should submit the renewal application in ample time before the expiration date to allow the review process to be complete prior to expiration to avoid operating out of compliance (without an approved discharge plan).

Note that the completed and signed application form must be submitted with your discharge plan renewal request.

If you no longer have any actual or potential discharges please notify this office. If you have any questions, please do not hesitate to contact Chris Eustice at (505) 827-5824.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/cee

xc: OCD Artesia Office

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

August 30, 1990

CERTIFIED MAIL
RETURN RECEIPT NO. P-918-402-344

Mr. Robert Bogan, Plant Foreman
Gas Company of New Mexico
311 Moore Drive
Carlsbad, New Mexico

RE: Discharge Plan GW-24, Avalon Plant, Eddy County, New Mexico

Dear Mr. Bogan:

The ground water discharge plan renewal (GW-24) for the Gas Company of New Mexico Avalon Plant located in the N/2 NW/3 SE/4, Section 9, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico is hereby approved. The renewal application consists of the original discharge plan as approved September 18, 1985 and the renewal application dated June 6, 1990.

The discharge plan was submitted pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations. It is renewed pursuant to Section 3-109.A., which provides for the possible future amendments of the plan. Please be advised that the approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

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

Please note that Section 3-104 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 3-107.C., you are 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 3-109.G.4., this plan approval is for a period of five (5) years. This approval will expire June 10, 1995 and you should submit an application for renewal in ample time before that date. It should be noted that all gas processing plants and oil refineries in excess of twenty-five years of age will be required to submit plans for, or the results of an underground drainage testing program as a requirement for discharge plan renewal.

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

William J. LeMay
Director

WJL/RCA/sl

cc: OCD Artesia Office

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/28/95,

or cash received on 4-7-95 in the amount of $ 50.00

from Gas Co of NM

for Avalon Gas Plant (Facility Name) BW-024 (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: Roger Anderson Date: 4-7-95

Received in ASD by: _____ Date: _____

Filing Fee X New Facility ___ Renewal ___

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 95

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

WORKING FUND DRAFT
GAS COMPANY OF NEW MEXICO
4206 7/94

95-27/1070

THIS IS A DRAFT

PLEASE PRESENT FOR PAYMENT PROMPTLY - **VOID AFTER 60 DAYS**

LOCATION Bloomfield | CODE 668 | NO. [redacted]

DATE March 28 19 95 | VENDOR CODE | TAX

PURPOSE Permit -

Virginia J. Triplett
AUTHORIZED SIGNATURE

PAY THE SUM OF Fifty and no/100 $ 50.00

TO THE ORDER OF Oil Conservation Division

ENDORSE ON REVERSE SIDE EXACTLY AS SHOWN OPPOSITE

PAYABLE THROUGH
FIRST SECURITY BANK IN ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

[redacted]

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

50 YEARS
1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

September 18, 1985

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Gas Company of New Mexico
Permian District
311 Moore Drive
Carlsbad, New Mexico 88220

Attention: Mr. Jon W. Jones

Dear Mr. Jones:

The groundwater discharge plan (GW-24) for Gas Company of New Mexico's Avalon gas processing plant located in Section 9, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, is hereby approved with the following provisions:

1. Disposal of all liquid wastes currently sent to the unlined pit shall cease, and disposal of this effluent shall be to two above ground steel tanks, no later than October 25, 1985. This provision is included in your material submitted on July 3, 1985, as a supplement to your discharge plan.

2. The unlined pit shall be closed by January 3, 1985. Closure shall include covering the pit and mounding over the pit area with earth such that rainwater will not be allowed to accumulate over the pit area, thus eliminating the possibility of rainwater leaching contaminants into the groundwater.

The approved discharge plan consists of the plan dated September 28, 1984, and the materials dated November 13, 1984, January 2, 1985, February 21, 1985, and July 3, 1985, submitted as supplements to the discharge plan.

The discharge plan was submitted pursuant to Section 3-106 of the NM Water Quality Control Commission Regulations. It is approved pursuant to Section 3-109.F., which provides for possible future amendment of the plan. Please be advised that

the approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters which may be actionable under other laws and/or regulations.

There will be no routine monitoring or reporting requirements.

Please note that Section 3-104 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 3-107.C. you are required to notify the director of the facility expansion, production increase, or process modification that would result in any significant modification in the discharge of water contaminants.

Pursuant to Subsection 3-109.G.4., this plan approval is for a period of five years. This approval will expire September 18, 1990, and you should submit an application for new approval in ample time before that date.

On behalf of the staff of the Oil Conservation Division, I wish to thank you (and your staff and/or consultants) for your cooperation during this discharge plan review.

Sincerely,

R. L. STAMETS
Director

RLS/PB/et

cc: Oil Conservation Division - Artesia

P 612 457 956

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to GAS CO. OF N.M. Jon W. Jones

Street and No. 311 Moore Drive

P.O., State and ZIP Code Carlsbad, New Mexico 88220

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$
Postmark or Date	

PS Form 3800, Feb. 1982 ☆ U.S.G.P.O. 1983-403-517

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Field Supervisor
Ecological Services, USFWS
Post Office Box 4487
Albuquerque, New Mexico 87196

September 17, 1985

Mr. David G. Boyer
State of New Mexico Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87501

Dear Mr. Boyer:

This letter concerns the Notice of Publication of a discharge plan for Gas Company of New Mexico, Avalon Gas Processing Plant. The plant is located in the SE¼ Section 9, Township 21 South, Range 27 East Eddy County. The discharge plan calls for elimination of an existing unlined evaporation pond and disposal of approximately 1,000 gallons of cooling tower blowdown water into above ground storage tanks. The storage tanks will subsequently be emptied and wastewater will be transported to an approved waste disposal facility.

We have reviewed the discharge permit and there are no issues of concern to resources under our jurisdiction. We have no objection to the discharge plan.

Thank you for the opportunity to comment on the discharge plan. If you need any additional information please contact Tom O'Brien at (505) 766-3966 or FTS 474-3966.

Sincerely yours,

John C. Peterson
Field Supervisor

cc:
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Director, New Mexico Health and Environment Department, Environmental Improvement Division, Santa Fe, New Mexico
Regional Director, FWS, Habitat Resources, Albuquerque, New Mexico

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

50 YEARS
1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

August 14, 1985

ERRATA

The attached public notice was not sent to persons who had requested to be notified of the filing of a discharge plan with the Director of the Oil Conservation Division. The public notice was published in mid-July as required in state newspapers, and affected governmental bodies were notified.

Because notification had not been given to those persons requesting it, the 30-day public comment period will remain open until September 16, 1985.

DAVID G. BOYER
Environmental Bureau Chief