GW - 005

GENERAL CORRESPONDENCE

2007 - Present

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Thursday, November 04, 2010 9:03 AM
To: 'Mark Larson'
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD; Wrangham, Calvin W.; Hill, Larry, EMNRD
Subject: RE: Targa Middle Plant (GW-005) Recovery Tables and Graphs

Mark and Cal:

Here's OCD's review comments from your most recent submittal.

GW-005 Targa FP Recovery System Review (10/20/10)

Comments:

1) Overall efficiency of FP recovery system is good.
2) According to Table 1, MW-3 FP thickness is down to nil and is producing a significant volume of product relative to total fluids removed.
3) According to Table 2, MW-22 FP thickness is down to about 3 ft. with a declining curve and is producing pure product and no water.
4) New C-141 dated 10/15 indicates acceptable corrective action with the exception of downgradient MWs to assess dissolved phase hydrocarbons in ground water that may be migrating off-property. OCD had recommended 3 downgradient well locations.... Targa will submit a plan to include collecting soil samples from borings to delineate extent of release. Ok, hopefully in November 2010...?
5) OCD recommendations on corrective actions taken associated with Targa's shell tanks excavation report and closure approval request need to be addressed.

Please contact me if you have questions or would like to have a telephone conference call. Thanks.

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) 476-3490
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: Mark Larson [mailto:Mark@laenvironmental.com]
Sent: Tuesday, October 19, 2010 6:45 AM
To: Chavez, Carl J, EMNRD
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD; Wrangham, Calvin W.
Subject: Re: Targa Middle Plant (GW-005) Recovery Tables and Graphs

Carl,
Please find attached tables and graphs in pdf format. Please let me know if I need to mail copies. Sincerely,

Mark J. Larson
Sr. Project Manager / President

507 N. Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901 (office)
(432) 687-0456 (fax)
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mark@laenvironmental.com

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Chavez, Carl J, EMNRD

From: Michelle Green [michelle@laenvironmental.com]
Sent: Monday, November 01, 2010 9:48 AM
To: Gmaricle@targaresources.com; Cal Wrangham - Targa; Roger Holland - Targa; Jones, Brad A., EMNRD; Chavez, Carl J, EMNRD; Hansen, Edward J., EMNRD; VonGonten, Glenn, EMNRD; Johnson, Larry, EMNRD
Cc: Mark Larson
Subject: Targa Eunice Middle Plant Sampling Event, GW-005

Good morning All,

The following groundwater sampling event for Targa is scheduled for the following:

Week of November 8, 2010

Targa - Eunice Middle Gas Plant
GW-005
Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Parameter List: BTEX, Chloride & Sulfate, TDS & Metals

If you need additional information please let me know.

Thank you,

Michelle L. Green
Environmental Scientist - Chemist
Larson & Associates, Inc.
507 N Marienfeld, Suite 200
Midland, TX 79701

Office: 432.687.0901
Fax: 432.687.0789
Cell: 432.934.3231

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Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Friday, September 24, 2010 11:11 AM
To: 'Wrangham, Calvin W.'
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Hill, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: RE: Note to File: Targa Middle Plant (GW-005) Condensate Suspected Source of Release Update

Cal:

The October 15th date works for OCD.

Thanks for the update.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
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1220 South St. Francis Dr., Santa Fe, New Mexico 87505
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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: Wrangham, Calvin W. [mailto:CalvinWrangham@targaresources.com]
Sent: Friday, September 24, 2010 11:08 AM
To: Chavez, Carl J, EMNRD
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Hill, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: Re: Note to File: Targa Middle Plant (GW-005) Condensate Suspected Source of Release Update

Yes. Recovery has been consistant at approx 20 gallons per day from MW-22.

From: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
To: Wrangham, Calvin W.
Cc: VonGonten, Glenn, EMNRD <Glenn.VonGonten@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Hill, Larry, EMNRD <larry.hill@state.nm.us>; Leking, Geoffrey R, EMNRD <GeoffreyR.Leking@state.nm.us>
Sent: Fri Sep 24 11:29:27 2010
Subject: RE: Note to File: Targa Middle Plant (GW-005) Condensate Suspected Source of Release Update

Cal:

Good morning.

Has the free-product recovery system(s) been operational throughout this shut-down period?

Thanks.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
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E-mail: CarlJ.Chavez@state.nm.us

Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

From: Wrangham, Calvin W. [mailto:CalvinWrangham@targaresources.com]
Sent: Friday, September 24, 2010 10:11 AM
To: Chavez, Carl J, EMNRD
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Hill, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: RE: Note to File: Targa Middle Plant (GW-005) Condensate Suspected Source of Release Update

All,
After this update Targa representatives meet and discussed steps going forward which are to identify a leak point in suspect line and contact contract company to do hydro type excavation in area as necessary.

Also during this time the EL Paso Company shutdown was being prepared for by the Targa facility operations group. This EP shutdown causes the Eunice Plant to be shutdown because some of the plant products go to the El Paso transmission pipelines. Targa plans the large scale piping and maintenance projects during this time to limit plant downtime in the future.

The Eunice Plant was shutdown September 11th and has not been re-started. Startup is planned for this weekend going into next week.

Because of the plant being shutdown for this extended period Targa is requesting until October 15th to complete the point source identification steps discussed below. It was not possible to begin this work during the shutdown, as there have been an additional 100 to 150 contractor personnel and their related equipment working in the facility during this shutdown period.

Thanks, Cal.

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Friday, August 27, 2010 10:22 AM
To: Chavez, Carl J, EMNRD
Cc: Wrangham, Calvin W.; VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Hill, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: Note to File: Targa Middle Plant (GW-005) Condensate Suspected Source of Release Update

OCD- EB received a call this morning at around 8:50 a.m. from Cal Wrangham to provide an update that a potential source of condensate contamination may have been discovered. Cal reported:

1) On 8/17/2010 met with former employees at the facility that were familiar with underground lines and potential sources for the condensate contamination.
2) During the meeting, a buried compression scrubber line (blinded off at corner of plant and out of service) was identified (estimated depth ~ 3 – 4 ft. bgl). The compressor scrubber has been and currently is in operation.
3) On about 8/24 Targa dug down to the bridle on the compressor scrubber and identified a 1 inch valve that was half-way open. The line was MIT'd and failed; thus there may also be a corroded point along the line where leakage occurred or may still be occurring at a reduced flow. Targa with Larson & Associates notices that condensate thickness is declining. The valve was closed and the valve and/or corroded line may explain the source of the condensate contamination?
4) Since the depth of the line is significant, Targa along with its consultant are working to determine the best approach for identifying the point(s) of release along the compressor scrubber line that appears to be a blinded off line that has been out of service. One approach may be to hookup a steam line and monitor for heat at surface be identify excavation areas along the line. This work should be completed within the next 4 weeks.
5) Targa continues to monitor condensate levels at MW-22 and 23 locations based on valve shut-off mentioned above.

Ok.

Carl J. Chavez, CHMM
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Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Friday, August 13, 2010 10:38 AM
To: 'Wrangham, Calvin W.'
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Leking, Geoffrey R, EMNRD; Hill, Larry, EMNRD
Subject: RE: Re: Notification of Free Product Investigation, Targa Midstream Services, LP, Eunice Gas Plant, Lea County, New Mexico (GW-005)

Got it (suspected area based on monitoring and not a particular line). Random trenches across suspect area on Monday a.m. Seems like a good approach. Be safe.... Thanks.

Cal Wrangham's phone number in case of questions: 432-425-7072,

Carl J. Chavez, CHMM
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E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

From: Wrangham, Calvin W. [mailto:CalvinWrangham@targaresources.com]
Sent: Friday, August 13, 2010 9:40 AM
To: Chavez, Carl J, EMNRD; 'Mark@laenvironmental.com'; VonGonten, Glenn, EMNRD
Cc: Maricle, Gary; Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD; 'michelle@laenvironmental.com'; Griswold, Jim, EMNRD
Subject: Re: Re: Notification of Free Product Investigation, Targa Midstream Services, LP, Eunice Gas Plant, Lea County, New Mexico

Carl, just left you a voicemail with info on specific actions we are beginning Monday morning.

From: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
To: Mark Larson <Mark@laenvironmental.com>; VonGonten, Glenn, EMNRD <Glenn.VonGonten@state.nm.us>
Cc: Wrangham, Calvin W.; Maricle, Gary; Johnson, Larry, EMNRD <larry.johnson@state.nm.us>; Leking, Geoffrey R, EMNRD <GeoffreyR.Leking@state.nm.us>; Michelle Green <michelle@laenvironmental.com>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Sent: Fri Aug 13 10:25:09 2010
Subject: RE: Re: Notification of Free Product Investigation, Targa Midstream Services, LP, Eunice Gas Plant, Lea County, New Mexico

Mark:

Thanks for the update. OCD will likely contact you next week to discuss the update and progress. It appears based on the update that LAI has identified a location of a line that may be the source. Can you tell OCD what line an the owner of the line that LAI suspects? Thanks.

Carl J. Chavez, CHMM
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E-mail: CarlJ.Chavez@state.nm.us

Website: http://www.emnrd.state.nm.us/ocd/index.htm
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From: Mark Larson [mailto:Mark@laenvironmental.com]
Sent: Friday, August 13, 2010 9:17 AM
To: VonGonten, Glenn, EMNRD
Cc: Chavez, Carl J, EMNRD; Wrangham, Calvin W.; Gmaricle@targaresources.com; Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD; Michelle Green
Subject: FW: Re: Notification of Free Product Investigation, Targa Midstream Services, LP, Eunice Gas Plant, Lea County, New Mexico

Glenn:
Larson & Associates, Inc. (LAI), on behalf of Targa Midstream Services, L.P. (Targa), submits this notification to the New Mexico Oil Conservation Division (OCD) that beginning Monday, August 16, 2010, Targa will commence underground line identification and inspection in the vicinity of monitoring well MW-22 to identify the source for light non-aqueous phase liquid (LNAPL) observed in the monitoring well located near the southeast corner of the Eunice Gas Plant. Between May 21 and 24, 2010, LAI supervised installing three (3) monitoring wells (MW-24, MW-25 and MW-26) hydraulically up gradient (north and west) MW-22 to determine if the plant was the source for the LNAPL. No LNAPL has been observed in these wells. LNAPL recovery continues in MW-3 with approximately 236 gallons of condensate recovered. No LNAPL is currently present in well MW-3. Approximately 992 gallons of condensate has been removed from MW-22. The attached data tables present depth to groundwater and LNAPL and LNAPL recovery summaries for MW-3 and MW-4. LIA will submit another update following completion of the underground line inspection activity. Please contact Cal Wrangham with Targa at (432) 688-0542 or myself if you have questions.
Sincerely,

Mark J. Larson
Sr. Project Manager / President
507 N. Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901 (office)
(432) 687-0456 (fax)
(432) 556-8656 (cell)
mark@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Friday, August 13, 2010 9:25 AM
To: 'Mark Larson'; VonGonten, Glenn, EMNRD
Cc: Wrangham, Calvin W.; Gmaricle@targaresources.com; Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD; Michelle Green; Griswold, Jim, EMNRD
Subject: RE: Re: Notification of Free Product Investigation, Targa Midstream Services, LP, Eunice Gas Plant, Lea County, New Mexico

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Subject: FW: Re: Notification of Free Product Investigation, Targa Midstream Services, LP, Eunice Gas Plant, Lea County, New Mexico

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Sincerely,

Mark J. Larson
Sr. Project Manager / President
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mark@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

Table 1
MW-03 LNAPL Recovery Summary
Targa Midstream Services, L.P., Eunice Plant

Date	Depth LNAPL	Depth H_2O	LNAPL Thickness	Filter/Float Depth Set	Cycles/ Minute	Inlet Pressure	LNAPL Recovered	H_2O Recovered	Drum/ Used, Full, Empty (#/U,F,E)	Notes
10/13/2009	26.18	31.33	5.15							LNAPL Discovered
10/21/2009	26.22	31.28	5.06				2.75			LNAPL Recovery Test
11/11/2009	26.38	31.51	5.13	27.15	2	75				Keck PRS System Installed. Full operation on 11/13/09
11/19/2009	27.26	29.16	1.90	26.5	2	74	21.1	27.7	1/U	Raised float ~8 inches
11/20/2009	27.57	27.77	0.20	26.6	2	75	18.2	31.6	1/F; 2/U	Well recovery test; 0.20 feet
11/23/2009	27.09	29.92	2.83	27.6	2	75	7.4	0	1/U; 2/E	Lowered Float
12/3/2009	27.76	28.33	0.57	28	2	72	13	40.1	1/U; 2/E	Lowered Float
12/9/2009	28.15	28.21	0.06				11.6	28.9	1/F; 2/U	Shut down system to allow recovery for Bail Down - Recovery testing
12/10/2009	26.82	30.51	3.69							Allowing stabilization
12/11/2009	26.75	31.05	4.30	27	2	68	2.2			Bail Down - Recovery testing
12/14/2009			0.00	27.5					1/F; 2/U	Reset pump, not recovering
12/15/2009			0.00				10.3	0	1/E; 2/U	
12/16/2009		27.92	0.00	27.5	2	72	13.75	3.7	1/E; 2/U	
12/18/2009			0.00	27.5	0.66	60			1/E; 2/U	Reset timer for 90 sec. cycle
12/23/2009	27.95	28.10	0.15	27.5	0.66	50	20		1/E; 2/U	
12/30/2009	27.98	28.05	0.07	27.5	0.66	50	31.82	0	1/E; 2/U	
1/5/2010	28.01	28.10	0.09	27.5	0.66	50	39.5	0	1/E; 2/F	Moved discharge & overflow check valve to Drum 1
1/15/2010	28.09	28.16	0.07	27.5	0.66	50	8.7	0	1/U; 2/F	Shut down system to allow recovery for Bail Down - Recovery testing
1/18/2010	26.87	31.16	4.29	27.5	0.66	50	0	0	1/U; 2/E	LNAPL Recovery Test
1/25/2010	28.13	28.2	0.07	27.5	0.66	50	18.6	0	1/U; 2/E	
2/1/2010	28.16	28.21	0.05	27.5	0.66	50	24.6	1	1/U; 2/E	
2/5/2010	28.14	28.22	0.08	27.5	0.66	50	28.7	1.04	1/U; 2/E	
2/8/2010	27.96	28.01	0.05	27.5	0.66	50	32.4	1.04	1/U; 2/E	
2/12/2010	27.57	27.61	0.04	27.5	0.66	50	38.8	1.04	1/F; 2/E	Moved discharge & overflow check valve to Drum 2
2/15/2010	27.18	27.23	0.05	27.5	0.66	50	8.3	0	1/E;2/U	
2/22/2010	26.84	26.9	0.06	27.5	0.66	50	34.5	0	1/E;2/F	Moved discharge & overflow check valve to Drum 1
2/26/2010	26.98	27.00	0.02	27.5	0.66	50	11.4	0	1/U;2/E	
3/1/2010	27.07	27.09	0.02	27.5	0.66	50	19.2	0	1/U;2/E	
3/5/2010	27.09	27.1	0.01	27.5	0.66	45	26.85	0	1/U;2/E	Lowered inlet pressure
3/8/2010	27.13	27.15	0.02	27.5	0.66	45	31.4	0	1/F;2/E	Moved discharge & overflow check valve to Drum 2
3/12/2010	27.31	27.32	0.01	27.5	0.66	45	3.1	0	1/E;2U	
3/15/2010	27.4	27.41	0.01	27.5	0.66	45	6.4	0	1/E;2U	
3/19/2010	27.38	27.39	0.01	27.5	0.66	45	9.3	0	1/E;2U	
			0.00						1/E;2U	
3/29/2010	27.59	27.62	0.03	27.5	0.66	45	15.9	0	1/E;2U	
4/1/2010	27.61	27.64	0.03	27.5	0.66	50	17.4	0	1/E;2U	
4/6/2010	27.6	27.63	0.03	27.5	0.66	50	18.6	0	1/E;2U	
4/8/2010	27.69	27.73	0.04	27.5	0.66	50	19.8	0	1/E;2U	
4/12/2010	27.78	27.81	0.03	27.5	0.66	50	21.1	0	1/E;2U	
4/19/2010	27.89	27.92	0.03	27.5	0.66	50	23.1	0	1/E;2U	
4/22/2010	27.8	27.83	0.03	27.5	0.66	45	24	0	1/E;2U	Moved discharge & overflow check valve to Drum 1

Table 1
MW-03 LNAPL Recovery Summary
Targa Midstream Services, L.P., Eunice Plant

Date	Depth LNAPL	Depth H_2O	LNAPL Thickness	Filter/Float Depth Set	Cycles/ Minute	Inlet Pressure	LNAPL Recovered	H_2O Recovered	Drum/ Used, Full, Empty (#/U,F,E)	Notes
5/3/2010	27.98	28.01	0.03	27.5	0.66	48	0	0	1/U;2/F	
5/14/2010	28.06	28.09	0.03	27.5	0.66	45	2.9	0	1/U;2/F	
5/20/2010	28.05	28.09	0.04	27.5	0.66	50	4.5	0	1/U;2/F	
5/25/2010	28.11	28.15	0.04	27.5	0.66	50	6.2	0	1/U;2/F	
5/28/2010	28.12	28.16	0.04	27.5	0.66	50	6.4	0	1/U;2/E	
6/4/2010	28.08	28.13	0.05	27.5	0.66	50	8.5	0	1/U;2/E	
6/7/2010	28.2	28.25	0.05	27.5	0.66	50	8.9	0	1/U;2/E	
6/10/2010	28.12	28.19	0.07	27.5	0.66	50	10.3	0	1/U;2/E	
6/11/2010	27.87	27.93	0.06	28.5	0.66	50	10.3	0	1/U;2/E	Lowered float ~1.2 inches, both drums emptied.
6/14/2010	27.69	27.7	0.01	28.5	0.66	50	0	0	1/E;2/E	Moved discharge & overflow check valve to Drum 1.
6/18/2010	27.67	27.68	0.01	28.5	0.66	50	0	0	1/U;2/E	
6/21/2010	27.7	27.72	0.02	28.5	0.66	45	1.9	0	1/U;2/E	
6/23/2010	27	29.23	2.23	28.5	0.66	45	2.3	0	1/U;2/E	
6/24/2010	26.56	28.6	2.04	28.5	0.66	45	2.9	0	1/U;2/E	Temporarily fixed leak in air line
6/29/2010	23.78	24.22	0.44	27.5	0.66	50	22.7	0	1/F;2/E	Moved discharge & overflow check valve to Drum 2.
7/2/2010	23.89	23.9	0.01	27.5	0.66	50	3.7	51.6	1/E;2/F	Moved discharge & overflow check valve to Drum 1.
7/6/2010	21.85	21.89	0.04	21.85	0.66	50	0.82	53.9	1/F;2/F	
7/7/2010										Pump down, waiting on check valve replacement. Drums emptied.
7/9/2010	20.66	20.69	0.03	21.85	0.66	50			1/E;2/E	Replaced check valve. Moved discharge & overflow check valve to Drum 1.
7/12/2010	20.28	20.32	0.04	21.85	0.66	50	0.2	54.5	1/F;2/E	Moved discharge & overflow check valve to Drum 2.
7/14/2010	20.58	20.59	0.01	20.85	0.66	50	0	34.1	1/F;2/F	Waiting on Drums to be emptied.
7/16/2010	20.95	20.96	0.01	20.85	0.66	50			1/E;2/E	Drums emptied. Moved discharge & overflow check valve to Drum 1.
7/19/2010	21.65	21.66	0.01	20.85	0.66	50	0	0	1/E;2/E	
7/21/2010	22.02	22.03	0.01	20.85	0.66	50	0	0	1/U;2/E	
7/23/2010	22.34	22.36	0.02	23.5	0.66	50	0	0	1/U;2/E	
7/26/2010	22.87	22.89	0.02	23.5	0.66	50	0	0	1/U;2/E	
7/28/2010	23.17	23.21	0.04	23.5	0.66	50	0	0	1/U;2/E	
7/30/2010	23.29	23.31	0.02	23.5	0.66	50	0	0	1/U;2/E	
8/2/2010	23.52	23.53	0.01	23.5	0.66	45	0	0	1/U;2/E	
8/9/2010	23.98	24	0.02	23.5	0.66	45	0	0	1/U;2/E	
8/9/2010	24.08	24.1	0.02	24	0.66	45	0	0	1/U;2/E	Parts on order
			0.00							
						Recovery Totals	236	293.04		

Notes

Depths reported in feet.

Inlet Pressure in Pounds per Square Inch (PSI).

Volumes reported in gallons.

55-gallon drum dimensions = 22.5" ID X 32" Internal height. ~0.206613 gallons per 0.01 feet gauged

Yellow indicates recovery not used in total calculation.

Quick Calc	Input Feet	Gallons
Gauged Drum Thickness	0.01	0.2

Table 2
MW-22 LNAPL Recovery Summary
Targa Midstream Services, L.P., Eunice Plant

Date	Depth LNAPL	Depth H_2O	LNAPL Thickness	Filter/Float Depth Set	Cycles/ Minute	Inlet Pressure	LNAPL Recovered	H_2O Recovered	Drum/ Used, Full, Empty (#/U,F,E)	Notes
3/19/2010	29.13	35.17	6.04							LNAPL Discovered, Well TD = 35.17
6/2/2010	29.37	35.17	5.80	32.3	0.66	50			1/U	Keck PRS System Installed. Full operation on 6/2/10
6/4/2010	29.8	34.64	4.84	32.3	0.66	50	44.4	0	1/F;2/E	Moved discharge & overflow check valve to Drum 2
6/7/2010	29.7	35.17	5.47	29.1	0.66	50	54.8	0	1/F;2/F	
6/10/2010	29.5	35.17	5.67	29.1	0.66	50	--	--	1/F;2/F	Drums emptied, discharge & overflow check valve on Drum 2
6/11/2010	29.66	35.17	5.51	29.1	0.66	50	20.7	0	1/U;2/E	Moved discharge & overflow check valve to Drum 2
6/14/2010	29.58	35.17	5.59	29.1	0.66	45	41.3	0	1/F;2/F	Drums emptied, discharge & overflow check valve on Drum 2
6/18/2010	29.58	35.17	5.59	29.1	0.66	45	41.5	0	1/E;2/F	Moved discharge & overflow check valve to Drum 1
6/21/2010	29.56	34.64	5.08	29.1	0.66	45	54.8	0	1/U;2/E	Moved discharge & overflow checkvalve to Drum 2
6/23/2010	29.7	34.69	4.99	29.1	0.66	45	36.2	0	1/U;2/E	Moved discharge & overflow checkvalve to Drum 1
6/24/2010	29.69	35.17	5.48	29.1	0.66	45	15.1	0	1/U;2/E	
6/29/2010	29.56	35.17	5.61	29.1	0.66	45	54.8	0	1/F;2/E	Moved discharge & overflow checkvalve to Drum 2
7/2/2010	29.57	35.17	5.60	29.1	0.66	45	8.3	0	1/F;2/U	
7/6/2010	29.63	34.54	4.91	29.1	0.66	45	54.8	0	1/F;2/F	
7/6/2010			0.00				40		1/F;2/F	secondary containment
7/7/2010	29.57	34.56	4.99	29.1	0.66	45			1/E;2/E	Drums emptied. Moved discharge & overflow checkvalve to Drum 1
7/9/2010	29.59	34.27	4.68	29.1	0.66	45	34.1	0	1/F;2/E	Moved discharge & overflow checkvalve to Drum 2
7/12/2010	30.85	33.87	3.02	29.1	0.66	45	54.8	0	1/E;2/F	Moved discharge & overlow checkvalve to Drum 1
7/14/2010	29.42	33.73	4.31	29.1	0.66	45	34	0	1/F;2/F	Waiting on Drums to be emptied.
7/16/2010	29.25	34.06	4.81	29.1	0.66	45			1/E;2/E	Drums emptied. Moved discharge & overflow checkvalve to Drum 1
7/19/2010	29.31	33.39	4.08	29.1	0.66	45	64.8	0	1/E;2/E	Secondary containment has 10 gallons. Moved discharge & overflow checkvalve to Drum 1
7/21/2010	29.31	33.31	4.00	29.1	0.66	45	34.7	0	1/U;2/E	Moved discharge & overflow check valve to Drum 2
7/23/2010	29.34	33.04	3.70	29.1	0.66	45	41.7	0	1/F;2/U;3/E	Moved discharge & overflow checkvalve to Drum 3
7/26/2010	29.29	33	3.71	29.1	0.66	45	54.8	0	1/E;2/F;3/E	Moved discharge & overflow checkvalve to Drum 1
7/28/2010	29.28	32.6	3.32	29.1	E	45	44.4	0	1/U;2/F;3/E	Moved discharge & overflow checkvalve to Drum 1
7/30/2010	29.29	32.56	3.27	29.1	E	45	53.5	0	1/F;2/F;3/E	Moved discharge & overflow checkvalve to Drum 3
8/2/2010	29.12	33.09	3.97	29.1	E	45	42.6	0	1/E;2/E;3/F	Moved discharge & overflow checkvalve to Drum 1
8/9/2010	29.09	32.98	3.89	29.1	E	45	44.4	0	1/F;2/E;3/E	Moved discharge & overflow checkvalve to Drum 2
8/11/2010	29.2	32.33	3.13	29.1	E	45	44.4	0	1/E;2/F;3/E	Moved discharge & overflow checkvalve to Drum 1
			0.00							
						Recovery Totals	992	0		

Notes

Depths reported in feet.

Inlet Pressure in Pounds per Square Inch (PSI).

Volumes reported in gallons.

55-gallon drum dimensions = 22.5" ID X 32" Internal height. ~0.206613 gallons per 0.01 feet gauged

Yellow indicates recovery not used in total calculation.

Quick Calc	Input Feet	Gallons
Gauged Drum Thickness	2.06	42.6

MW-03 LNAPL Thickness vs. Time

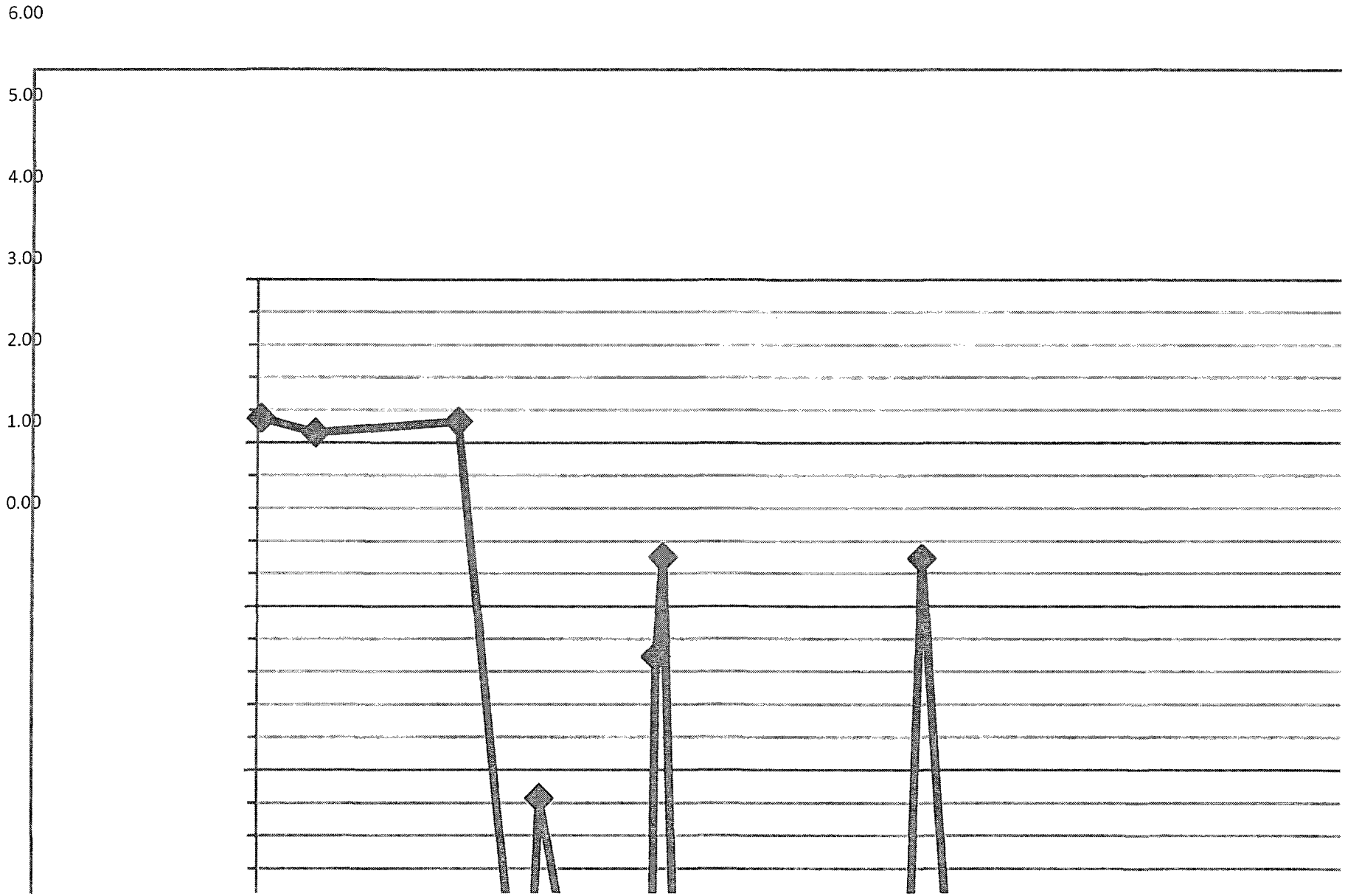


Table 2
MW-22 LNAPL Recovery Summary
Targa Midstream Services, L.P., Eunice Plant

Date	Depth LNAPL	Depth H_2O	LNAPL Thickness	Filter/Float Depth Set	Cycles/ Minute	Inlet Pressure	LNAPL Recovered	H_2O Recovered	Drum/ Used, Full, Empty (#/U,F,E)	Notes
3/19/2010	29.13	35.17	6.04							LNAPL Discovered, Well TD = 35.17
6/2/2010	29.37	35.17	5.80	32.3	0.66	50			1/U	Keck PRS System Installed. Full operation on 6/2/10
6/4/2010	29.8	34.64	4.84	32.3	0.66	50	44.4	0	1/F;2/E	Moved discharge & overflow check valve to Drum 2
6/7/2010	29.7	35.17	5.47	29.1	0.66	50	54.8	0	1/F;2/F	
6/10/2010	29.5	35.17	5.67	29.1	0.66	50	--	--	1/F;2/F	Drums emptied, discharge & overflow check valve on Drum 2
6/11/2010	29.66	35.17	5.51	29.1	0.66	50	20.7	0	1/U;2/E	Moved discharge & overflow check valve to Drum 2
6/14/2010	29.58	35.17	5.59	29.1	0.66	45	41.3	0	1/F;2/F	Drums emptied, discharge & overflow check valve on Drum 2
6/18/2010	29.58	35.17	5.59	29.1	0.66	45	41.5	0	1/E;2/F	Moved discharge & overflow check valve to Drum 1
6/21/2010	29.56	34.64	5.08	29.1	0.66	45	54.8	0	1/U;2/E	Moved discharge & overflow checkvalve to Drum 2
6/23/2010	29.7	34.69	4.99	29.1	0.66	45	36.2	0	1/U;2/E	Moved discharge & overflow checkvalve to Drum 1
6/24/2010	29.69	35.17	5.48	29.1	0.66	45	15.1	0	1/U;2/E	
6/29/2010	29.56	35.17	5.61	29.1	0.66	45	54.8	0	1/F;2/E	Moved discharge & overflow checkvalve to Drum 2
7/2/2010	29.57	35.17	5.60	29.1	0.66	45	8.3	0	1/F;2/U	
7/6/2010	29.63	34.54	4.91	29.1	0.66	45	54.8	0	1/F;2/F	
7/6/2010			0.00				40		1/F;2/F	secondary containment
7/7/2010	29.57	34.56	4.99	29.1	0.66	45			1/E;2/E	Drums emptied. Moved discharge & overflow checkvalve to Drum 1
7/9/2010	29.59	34.27	4.68	29.1	0.66	45	34.1	0	1/F;2/E	Moved discharge & overflow checkvalve to Drum 2
7/12/2010	30.85	33.87	3.02	29.1	0.66	45	54.8	0	1/E;2/F	Moved discharge & overlow checkvalve to Drum 1
7/14/2010	29.42	33.73	4.31	29.1	0.66	45	34	0	1/F;2/F	Waiting on Drums to be emptied.
7/16/2010	29.25	34.06	4.81	29.1	0.66	45			1/E;2/E	Drums emptied. Moved discharge & overflow checkvalve to Drum 1
7/19/2010	29.31	33.39	4.08	29.1	0.66	45	64.8	0	1/E;2/E	Secondary containment has 10 gallons. Moved discharge & overflow checkvalve to Drum 1
7/21/2010	29.31	33.31	4.00	29.1	0.66	45	34.7	0	1/U;2/E	Moved discharge & overflow check valve to Drum 2
7/23/2010	29.34	33.04	3.70	29.1	0.66	45	41.7	0	1/F;2/U;3/E	Moved discharge & overflow checkvalve to Drum 3
7/26/2010	29.29	33	3.71	29.1	0.66	45	54.8	0	1/E;2/F;3/E	Moved discharge & overflow checkvalve to Drum 1
7/28/2010	29.28	32.6	3.32	29.1	E	45	44.4	0	1/U;2/F;3/E	Moved discharge & overflow checkvalve to Drum 1
7/30/2010	29.29	32.56	3.27	29.1	E	45	53.5	0	1/F;2/F;3/E	Moved discharge & overflow checkvalve to Drum 3
8/2/2010	29.12	33.09	3.97	29.1	E	45	42.6	0	1/E;2/E;3/F	Moved discharge & overflow checkvalve to Drum 1
8/9/2010	29.09	32.98	3.89	29.1	E	45	44.4	0	1/F;2/E;3/E	Moved discharge & overflow checkvalve to Drum 2
8/11/2010	29.2	32.33	3.13	29.1	E	45	44.4	0	1/E;2/F;3/E	Moved discharge & overflow checkvalve to Drum 1
			0.00							
						Recovery Totals	**992**	**0**		

Notes

Depths reported in feet.

Inlet Pressure in Pounds per Square Inch (PSI).

Volumes reported in gallons.

55-gallon drum dimensions = 22.5" ID X 32" Internal height. ~0.206613 gallons per 0.01 feet gauged

Yellow indicates recovery not used in total calculation.

Quick Calc	Input Feet	Gallons
Gauged Drum Thickness	2.06	42.6

MW-22 LNAPL Thickness vs. Time

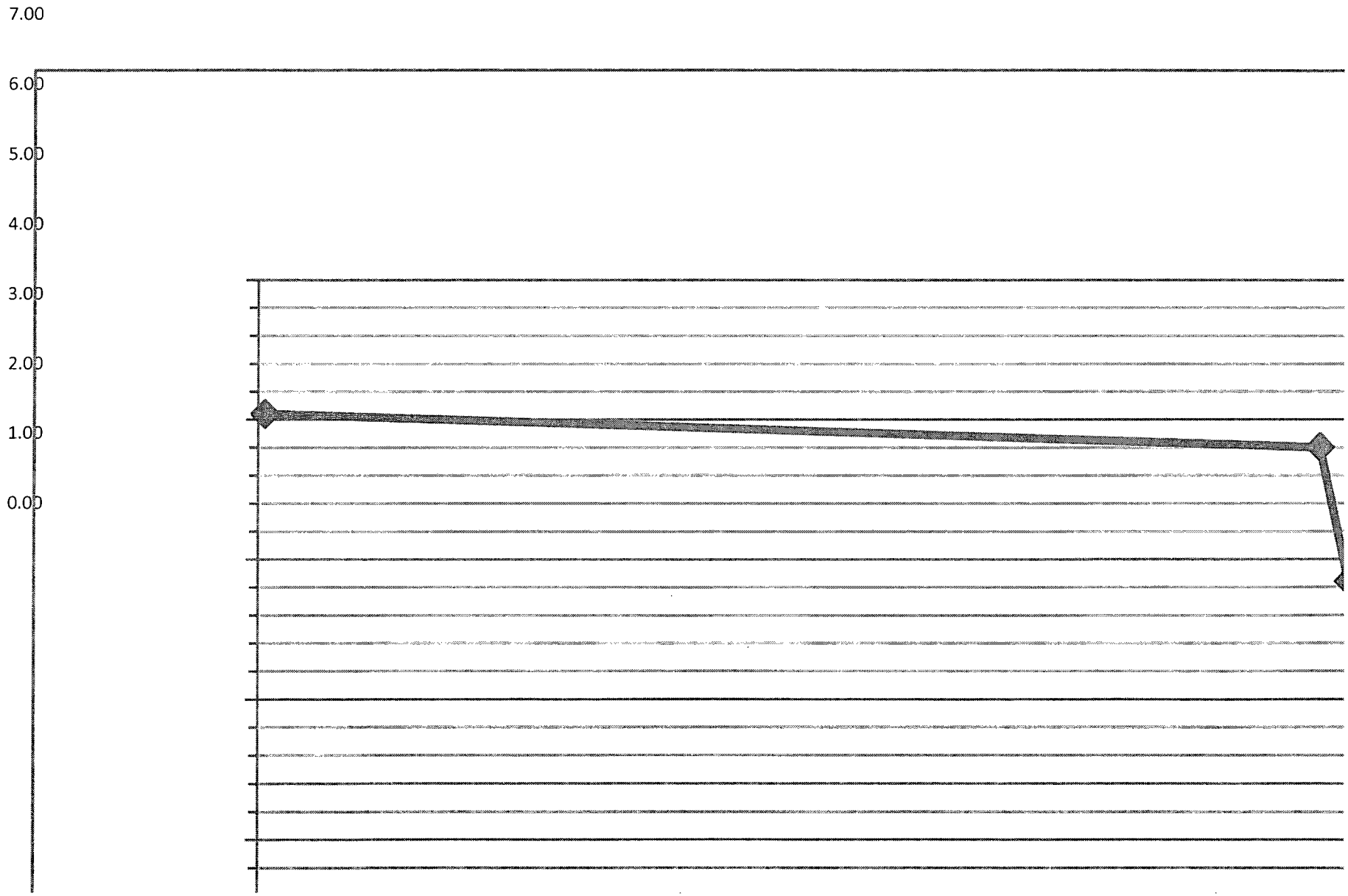


Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-01	4/9/2002	60	62.05	2	3,416.39	40.17 - 59.79	2.05	3,418.44	11/5/2002	--	51.41	3,367.03
									6/12/2003	--	51.14	3,367.30
									11/11/2003	--	49.81	3,368.63
									5/24/2004	--	50.88	3,367.56
									11/8/2004	--	50.69	3,367.75
									5/24/2005	--	50.36	3,368.08
									11/30/2005	--	50.06	3,368.38
									1/19/2006	--	50.08	3,368.36
									6/26/2006	--	50.23	3,368.21
									12/4/2006	--	49.90	3,368.54
									6/6/2007	--	49.91	3,368.53
									12/3/2007	--	49.96	3,368.48
									6/25/2008	--	49.76	3,368.68
									11/24/2008	--	49.78	3,368.66
									3/23/2009	--	49.67	3,368.77
									10/12/2009	--	49.79	3,368.65
									6/21/2010	--	49.92	3,368.52
MW-02	4/9/2002	40	42.14	2	3,392.80	19.17 - 38.79	2.14	3,394.94	11/5/2002	--	28.51	3,366.43
									6/12/2003	--	28.90	3,366.04
									11/11/2003	--	29.10	3,365.84
									5/24/2004	--	--	--
									11/8/2004	--	26.65	3,368.29
									5/24/2005	--	25.57	3,369.37
									11/30/2005	--	26.33	3,368.61
									1/19/2006	--	26.35	3,368.59
									6/26/2006	--	23.27	3,371.67
									12/4/2006	--	--	--
									6/6/2007	--	26.71	3,368.23
									12/3/2007	--	27.35	3,367.59
									6/25/2008	--	root bound	
									11/24/2008	--	root bound	

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-02A	2/18/2009	40	40.22	2	3392.68	18 - 38	2.65	3,395.33	3/23/2009	--	27.91	3,367.42
									10/12/2009	--	28.74	3,366.59
									6/21/2010	--	29.18	3,366.15
MW-03	4/9/2002	40	42.49	2	3,395.97	19.47 - 39.09	2.49	3,398.46	11/5/2002	--	26.18	3,372.28
									6/12/2003	--	25.83	3,372.63
									11/11/2003	--	26.82	3,371.64
									5/24/2004	--	25.78	3,372.68
									11/8/2004	--	25.11	3,373.35
									5/24/2005	--	24.43	3,374.03
									11/30/2005	--	24.64	3,373.82
									1/19/2006	--	24.97	3,373.49
									6/26/2006	sheen	26.21	3,372.25
									12/4/2006	--	25.93	3,372.53
									6/6/2007	--	24.43	3,374.03
									12/3/2007	--	25.72	3,372.74
									6/25/2008	--	26.73	3,371.73
									11/24/2008	--	26.39	3,372.07
									3/23/2009	--	27.10	3,371.36
									10/12/2009	26.18	31.33	3,370.99
									6/21/2010	27.7	27.72	3,370.76

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-04	8/6/2002	35	37.48	2	3,385.73	14.87 - 34.49	2.48	3,388.21	11/5/2002	--	25.28	3,362.93
									6/12/2003	--	24.77	3,363.44
									11/11/2003	--	24.66	3,363.55
									5/24/2004	--	23.19	3,365.02
									11/8/2004	--	18.07	3,370.14
									5/24/2005	--	18.22	3,369.99
									11/30/2005	--	18.27	3,369.94
									1/19/2006	--	18.62	3,369.59
									6/26/2006	--	19.73	3,368.48
									12/4/2006	--	18.85	3,369.36
									6/6/2007	--	17.77	3,370.44
									12/3/2007	--	19.36	3,368.85
									6/25/2008	--	21.95	3,366.26
									11/24/2008	--	22.56	3,365.65
									3/23/2009	--	23.24	3,364.97
									10/12/2009	--	24.01	3,364.20
									6/21/2010	--	24.27	3,363.94
MW-05	8/6/2002	40	42.55	2	3,394.29	19.87 - 39.49	2.55	3,396.84	11/5/2002	--	30.84	3,366.00
									6/12/2003	--	28.22	3,368.62
									11/11/2003	--	28.02	3,368.82
									5/24/2004	--	28.30	3,368.54
									11/8/2004	--	28.72	3,368.12
									5/24/2005	--	28.25	3,368.59
									11/30/2005	--	28.75	3,368.09
									1/19/2006	--	28.81	3,368.03
									6/26/2006	--	29.20	3,367.64
									12/4/2006	--	29.01	3,367.83
			36.78		3,394.22			3,396.34	6/7/2007[1]	--	26.46	3,369.88
									12/3/2007	--	26.73	3,369.61
									6/25/2008	--	29.38	3,366.96
									11/24/2008	--	29.78	3,366.56
									3/23/2009	--	29.88	3,366.46
									10/12/2009	--	30.33	3,366.01

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
									6/21/2010	--	30.54	3,365.80
MW-06	8/6/2002	52	54.59	2	3,401.15	31.87 - 51.49	2.59	3,403.74	11/5/2002	--	40.40	3,363.34
									6/12/2003	--	39.97	3,363.77
									11/11/2003	--	39.12	3,364.62
									5/24/2004	--	39.37	3,364.37
									11/8/2004	--	39.18	3,364.56
									5/24/2005	--	38.69	3,365.05
									11/30/2005	--	38.73	3,365.01
									1/19/2006	--	38.71	3,365.03
									6/26/2006	--	38.81	3,364.93
									12/4/2006	--	38.56	3,365.18
									6/6/2007	--	38.74	3,365.00
									12/3/2007	--	38.79	3,364.95
									6/25/2008	--	38.78	3,364.96
									11/24/2008	--	38.88	3,364.86
									3/23/2009	--	38.82	3,364.92
									10/12/2009	--	39.05	3,364.69
									6/21/2010	--	39.10	3,364.64
MW-07	8/7/2002	60	62.46	2	3,417.25	39.87 - 59.49	2.46	3,419.71	11/5/2002	--	53.80	3,365.91
									6/12/2003	--	53.51	3,366.20
									11/11/2003	--	53.39	3,366.32
									5/24/2004	--	53.22	3,366.49
									11/8/2004	--	53.16	3,366.55
									5/24/2005	--	52.70	3,367.01
									11/30/2005	--	52.56	3,367.15
									1/19/2006	--	52.46	3,367.25
									6/26/2006	--	52.43	3,367.28
									12/4/2006	--	52.21	3,367.50
									6/6/2007	--	52.11	3,367.60
									12/3/2007	--	52.13	3,367.58
									6/25/2008	--	51.89	3,367.82
									11/24/2008	--	51.94	3,367.77
									3/23/2009	--	51.77	3,367.94

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
									10/12/2009	--	51.93	3,367.78
									6/21/2010	--	51.93	3,367.78

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-08	8/7/2002	75	77.35	2	3,428.66	54.87 - 74.49	2.35	3,431.01	11/5/2002	--	66.33	3,364.68
									6/12/2003	--	63.09	3,367.92
									11/11/2003	--	63.05	3,367.96
									5/24/2004	--	62.80	3,368.21
									11/8/2004	--	62.80	3,368.21
									5/24/2005	--	62.41	3,368.60
									11/30/2005	--	62.24	3,368.77
									1/19/2006	--	62.15	3,368.86
									6/26/2006	--	62.01	3,369.00
									12/4/2006	--	61.86	3,369.15
									6/6/2007	--	61.64	3,369.37
									12/3/2007	--	61.21	3,369.80
									6/25/2008	--	61.30	3,369.71
									11/24/2008	--	61.40	3,369.61
									3/23/2009	--	61.16	3,369.85
									10/12/2009	--	61.29	3,369.72
									6/21/2010	--	61.28	3,369.73
MW-09	8/7/2002	60	62.45	2	3,418.14	39.87 - 59.49	2.45	3,420.59	11/5/2002	--	52.69	3,367.90
									6/12/2003	--	52.42	3,368.17
									11/11/2003	--	52.37	3,368.22
									5/24/2004	--	52.12	3,368.47
									11/8/2004	--	52.08	3,368.51
									5/24/2005	--	51.67	3,368.92
									11/30/2005	--	51.47	3,369.12
									1/19/2006	--	51.68	3,368.91
									6/26/2006	--	51.21	3,369.38
									12/4/2006	--	51.08	3,369.51
									6/6/2007	--	50.86	3,369.73
									12/3/2007	--	50.89	3,369.70
									6/25/2008	--	50.63	3,369.96
									11/24/2008	--	50.65	3,369.94
									3/23/2009	--	50.49	3,370.10
									10/12/2009	--	50.57	3,370.02
									6/21/2010	--	50.59	3,370.00

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-10	8/9/002	47	49.42	2	3,403.31	26.87 - 46.49	2.42	3,405.73	11/5/2002	--	38.10	3,367.63
									6/12/2003	--	37.87	3,367.86
									11/11/2003	--	37.71	3,368.02
									5/24/2004	--	37.52	3,368.21
									11/8/2004	--	37.32	3,368.41
									5/24/2005	--	36.88	3,368.85
									11/30/2005	--	36.52	3,369.21
									1/19/2006	--	36.47	3,369.26
									6/26/2006	--	36.27	3,369.46
									12/4/2006	--	36.14	3,369.59
									6/6/2007	--	35.99	3,369.74
									12/3/2007	--	35.96	3,369.77
									6/25/2008	--	35.79	3,369.94
									11/24/2008	--	35.80	3,369.93
									3/23/2009	--	35.72	3,370.01
									10/12/2009	--	35.84	3,369.89
									6/21/2010	--	35.88	3,369.85
MW-11	8/8/2002	47	49.51	2	3,395.51	30.87 - 50.49	2.50	3,398.01	11/5/2002	--	33.01	3,365.00
									6/12/2003	--	32.75	3,365.26
									11/11/2003	--	33.77	3,364.24
									5/24/2004	--	32.67	3,365.34
									11/8/2004	--	32.36	3,365.65
									5/24/2005	--	31.50	3,366.51
									11/30/2005	--	30.84	3,367.17
									1/19/2006	--	30.77	3,367.24
									6/26/2006	--	30.62	3,367.39
									12/4/2006	--	30.50	3,367.51
									6/6/2007	--	30.27	3,367.74
									12/3/2007	--	30.36	3,367.65
									6/25/2008	--	30.28	3,367.73
									11/24/2008	--	30.46	3,367.55
									3/23/2009	--	30.23	3,367.78
									10/12/2009	--	30.61	3,367.40
									6/21/2010	--	30.61	3,367.40

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-12	6/3/2003	45	46.97	2	3,394.81	25.00 - 44..49	1.97	3,396.78	6/12/2003	--	30.54	3,366.24
									11/11/2003	--	31.06	3,365.72
									5/24/2004	--	30.63	3,366.15
									11/8/2004	--	30.22	3,366.56
									5/24/2005	--	28.28	3,368.50
									11/30/2005	--	28.38	3,368.40
									1/19/2006	--	28.35	3,368.43
									6/26/2006	--	28.60	3,368.18
									12/4/2006	--	28.47	3,368.31
									6/6/2007	--	28.25	3,368.53
									12/3/2007	--	28.46	3,368.32
									6/25/2008	--	28.64	3,368.14
									11/24/2008	--	28.72	3,368.06
									3/23/2009	--	28.49	3,368.29
									10/12/2009	--	29.09	3,367.69
									6/21/2010	--	28.96	3,367.82
MW-13	6/3/2003	35	36.87	2	3,385.82	25.00 - 34.49	1.87	3,387.69	6/12/2003	--	29.20	3,358.49
									11/11/2003	--	30.99	3,356.70
									5/24/2004	--	30.44	3,357.25
									11/8/2004	--	23.99	3,363.70
									5/24/2005	--	24.17	3,363.52
									11/30/2005	--	22.91	3,364.78
									1/19/2006	--	23.21	3,364.48
									6/26/2006	--	25.47	3,362.22
									12/4/2006	--	24.43	3,363.26
									6/6/2007	--	23.05	3,364.64
									12/3/2007	--	24.51	3,363.18
									6/25/2008	--	27.03	3,360.66
									11/24/2008	--	27.65	3,360.04
									3/23/2009	--	27.78	3,359.91
									10/12/2009	--	28.80	3,358.89
									6/21/2010	--	30.33	3,357.36

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-14	6/3/2003	47	49.33	2	3,379.66	27.00 - 46.49	2.33	3,381.99	6/12/2003	--	32.23	3,349.76
									11/11/2003	--	32.34	3,355.35
									5/24/2004	--	32.09	3,355.60
									11/8/2004	--	31.20	3,356.49
									5/24/2005	--	30.10	3,357.59
									11/30/2005	--	30.07	3,357.62
									1/19/2006	--	30.09	3,357.60
									6/26/2006	--	30.48	3,357.21
									12/4/2006	--	30.14	3,357.55
									6/6/2007	--	29.59	3,358.10
									12/3/2007	--	29.94	3,357.75
									6/25/2008	--	30.66	3,357.03
									11/24/2008	--	30.92	3,356.77
									3/23/2009	--	31.01	3,356.68
									10/12/2009	--	31.25	3,356.44
									6/21/2010	--	31.55	3,356.14
MW-15	6/4/2003	45	46.94	2	3,394.67	25.00 - 44.49	1.94	3,396.61	6/12/2003	--	40.67	3,355.94
									11/11/2003	--	38.99	3,357.62
									5/24/2004	--	38.75	3,357.86
									11/8/2004	--	38.49	3,358.12
									5/24/2005	--	38.02	3,358.59
									11/30/2005	--	37.95	3,358.66
									1/19/2006	--	37.90	3,358.71
									6/26/2006	--	37.87	3,358.74
									12/4/2006	--	37.74	3,358.87
									6/6/2007	--	37.70	3,358.91
									12/3/2007	--	37.66	3,358.95
									6/25/2008	--	37.71	3,358.90
									11/24/2008	--	37.69	3,358.92
									3/23/2009	--	37.70	3,358.91
									10/12/2009	--	37.79	3,358.82
									6/21/2010	--	37.83	3,358.78

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-16	6/4/2003	45	47.03	2	3,402.48	25.00 - 44.49	2.03	3,404.51	6/12/2003	--	43.28	3,361.23
									11/11/2003	--	41.84	3,362.67
									5/24/2004	--	41.48	3,363.03
									11/8/2004	--	41.51	3,363.00
									5/24/2005	--	41.00	3,363.51
									11/30/2005	--	40.96	3,363.55
									1/19/2006	--	40.85	3,363.66
									6/26/2006	--	40.89	3,363.62
									12/4/2006	--	40.73	3,363.78
									6/6/2007	--	40.64	3,363.87
									12/3/2007	--	40.68	3,363.83
									6/25/2008	--	40.57	3,363.94
									11/24/2008	--	40.62	3,363.89
									3/23/2009	--	40.48	3,364.03
									10/12/2009	--	40.63	3,363.88
									6/21/2010	--	40.63	3,363.88
MW-17	12/19/2005	35	37.02	2	3,372.62	19.49 - 34.49	2.02	3,374.64	1/19/2006	--	DRY	--
									6/26/2006	--	DRY	--
									12/4/2006	--	DRY	--
									6/7/2007	--	DRY	--
									12/3/2007	--	DRY	--
									6/25/2008	--	DRY	--
									11/24/2008	--	DRY	--
									3/23/2009	--	DRY	--
									10/12/2009	--	DRY	--
									6/21/2010	--	DRY	--

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-18	12/19/2005	35	37.15	2	3,373.02	19.49 - 34.49	2.15	3,375.17	1/19/2006	--	28.21	3,346.96
									6/26/2006	--	28.69	3,346.48
									12/4/2006	--	28.59	3,346.58
									6/7/2007	--	28.30	3,346.87
									12/3/2007	--	28.58	3,346.59
									6/25/2008	--	29.02	3,346.15
									11/24/2008	--	29.08	3,346.09
									3/23/2009	--	29.18	3,345.99
									10/12/2009	--	29.49	3,345.68
									6/21/2010	--	29.54	3,345.63
MW-19	10/31/2005	38	40.00	2	3,378.55	23.00 - 37.49	2.46	3,381.01	11/30/2005	--	31.82	3,349.19
									1/19/2006	--	31.73	3,349.28
									6/26/2006	--	31.54	3,349.47
									12/4/2006	--	31.77	3,349.24
									6/6/2007	--	31.71	3,349.30
									12/3/2007	--	31.65	3,349.36
									6/25/2008	--	31.85	3,349.16
									11/24/2008	--	32.01	3,349.00
									3/23/2009	--	32.01	3,349.00
									10/12/2009	--	32.22	3,348.79
									6/21/2010	--	32.31	3,348.70
MW-20	10/31/2005	48	50.00	2	3,387.68	33.00 - 47.41	2.41	3,390.09	11/30/2005	--	38.57	3,351.52
									1/19/2006	--	38.47	3,351.62
									6/26/2006	--	38.30	3,351.79
									12/4/2006	--	38.28	3,351.81
									6/6/2007	--	38.20	3,351.89
									12/3/2007	--	38.07	3,352.02
									6/25/2008	--	38.21	3,351.88
									11/24/2008	--	38.33	3,351.76
									3/23/2009	--	38.33	3,351.76
									10/12/2009	--	38.50	3,351.59
									6/21/2010	--	38.64	3,351.45

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-21	2/19/2009	45	44.46	2	3,385.82	25 - 45	2.18	3,388.00	3/23/2009	--	33.93	3,354.07
									10/12/2009	--	34.14	3,353.86
									6/21/2010	--	34.61	3,353.39
MW-22	3/8/2010	32	35.17	2	3,398.94	21.5 - 31	2.85	3,401.79	3/19/2010	29.13	35.17	3,371.15
									6/21/2010	29.56	34.64	3,370.96
MW-23	3/9/2010	31	33.84	2	3,389.21	20.5 - 30.5	2.36	3,391.57	3/19/2010	--	22.04	3,369.53
									6/21/2010	--	22.69	3,368.88
MW-24	5/21/2010	35	37.54	2	3,400.98	19.5 - 34.5	2.34	3,403.32	5/27/2010	--	32.40	3,370.92
									6/21/2010	--	32.43	3,370.89
MW-25	5/21/2010	36	38.14	2	3,403.28	20.5 - 35.5	2.07	3,405.35	5/27/2010	--	35.09	3,370.26
									6/21/2010	--	35.12	3,370.23
MW-26	5/24/2010	34	36.79	2	3,400.80	18.5 - 33.5	2.38	3,403.18	5/27/2010	--	33.77	3,369.41
									6/21/2010	--	33.81	3,369.37
MW-UN-01	--	--	32.68	2	--	--	--	--	11/24/2008	sheen	23.83	--
									3/23/2009	sheen	23.89	--
									10/12/2009	--	24.04	--
									6/21/2010	--	24.55	--
MW-UN-02	--	--	38.84	2	--	--	--	--	11/24/2008	sheen	30.01	--
									3/23/2009	--	30.12	--
									10/12/2009	--	30.57	--
									6/21/2010	--	30.91	--

Notes
All values are in feet, unless otherwise noted.
bgs - below ground surface
TOC - top of casing
Elevations are above mean sea level referenced to 1984 Geodetic Datum.

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

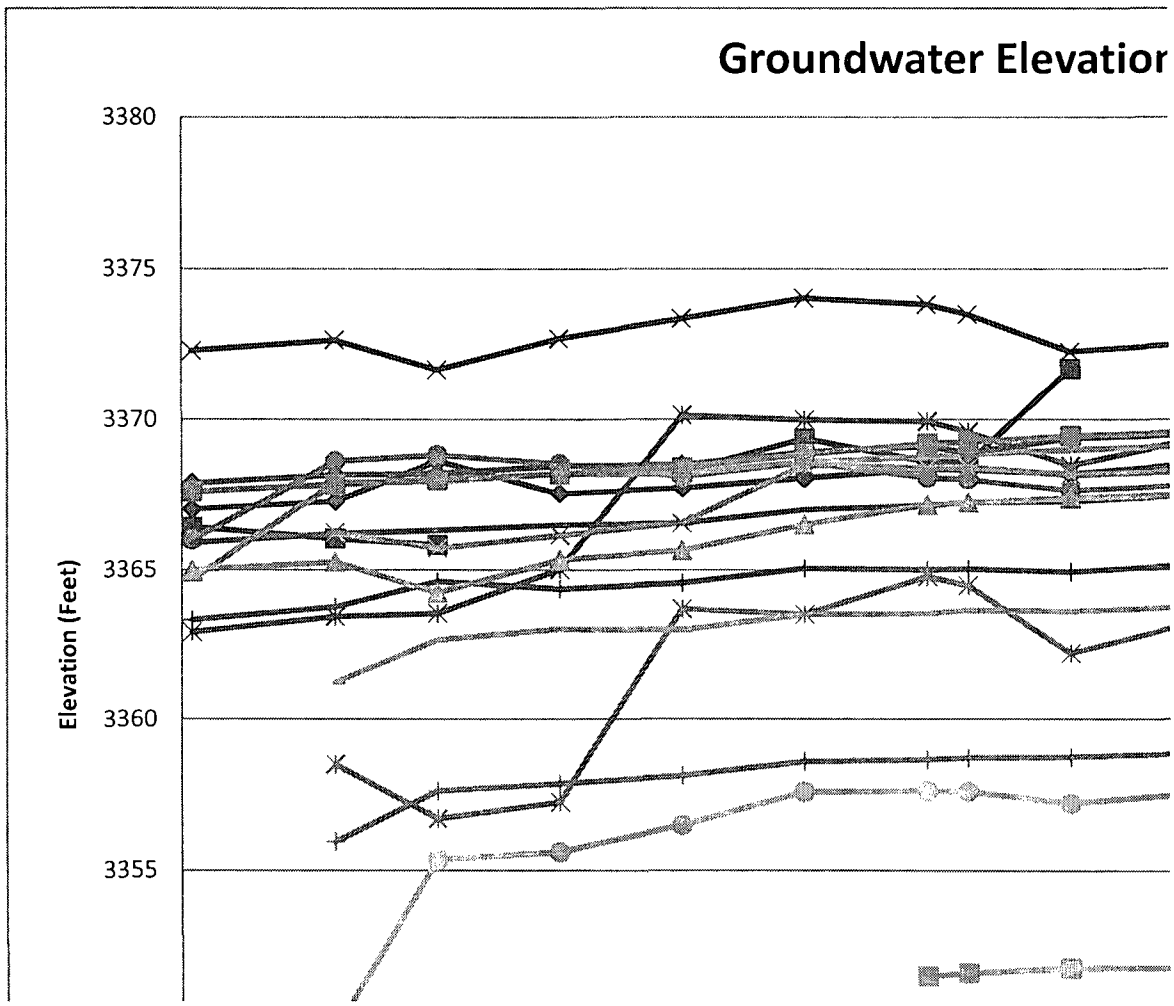
Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation

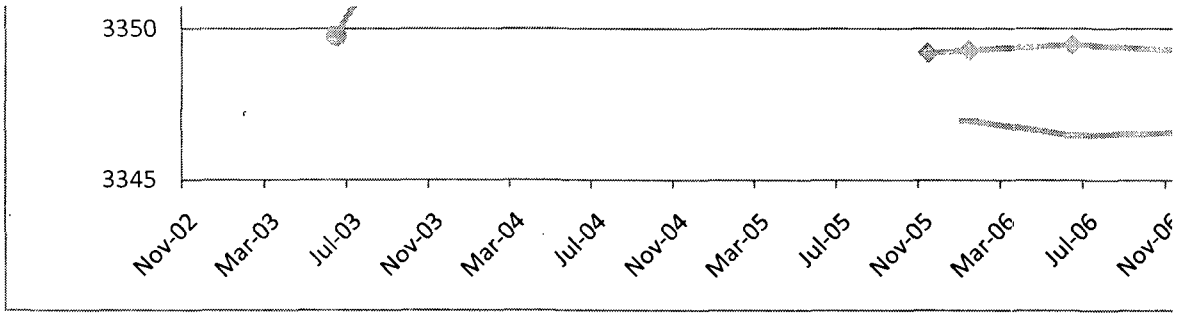
Wells drilled and installed by Scarbrough Drilling, Inc., Lamesa, Texas. Schedule 40 threaded PVC casing and screen set.

[1]MW-5 damaged during road repair. TOC height resurveyed.

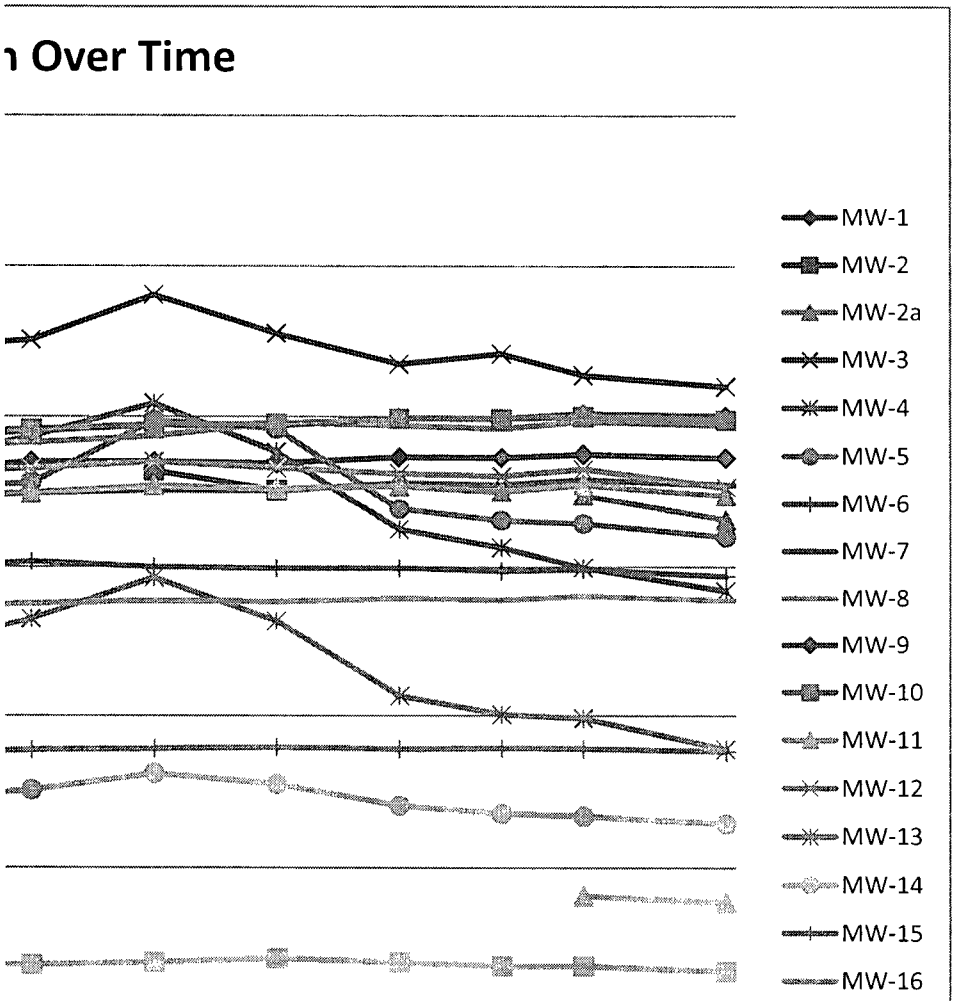
GW Elev

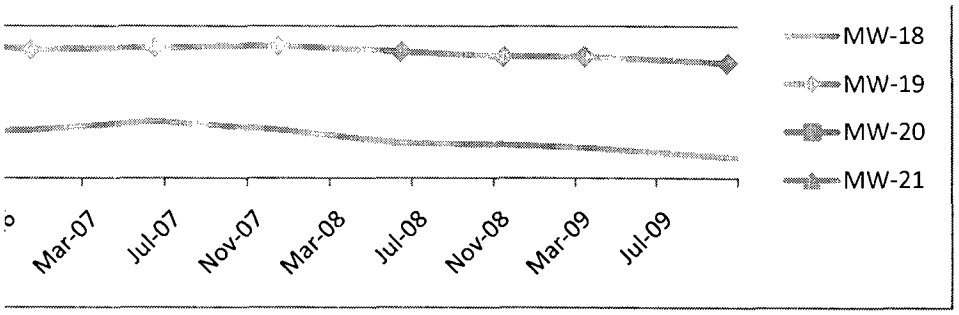
Date	MW-1	MW-2	MW-2a	MW-3	MW-4	MW-5	MW-6	MW-7
11/5/2002	3367.03	3366.43		3372.28	3362.93	3366	3363.34	3365.91
6/12/2003	3367.3	3366.04		3372.63	3363.44	3368.62	3363.77	3366.2
11/11/2003	3368.63	3365.84		3371.64	3363.55	3368.82	3364.62	3366.32
5/24/2004	3367.56			3372.68	3365.02	3368.54	3364.37	3366.49
11/8/2004	3367.75	3368.29		3373.35	3370.14	3368.12	3364.56	3366.55
5/24/2005	3368.08	3369.37		3374.03	3369.99	3368.59	3365.05	3367.01
11/30/2005	3368.38	3368.61		3373.82	3369.94	3368.09	3365.01	3367.15
1/19/2006	3368.36	3368.59		3373.49	3369.59	3368.03	3365.03	3367.25
6/26/2006	3368.21	3371.67		3372.25	3368.48	3367.64	3364.93	3367.28
12/4/2006	3368.54			3372.53	3369.36	3367.83	3365.18	3367.5
6/6/2007	3368.53	3368.23		3374.03	3370.44	3369.88	3365	3367.6
12/3/2007	3368.48	3367.59		3372.74	3368.85	3369.61	3364.95	3367.58
6/25/2008	3368.68			3371.73	3366.26	3366.96	3364.96	3367.82
11/24/2008	3368.66			3372.07	3365.65	3366.56	3364.86	3367.77
3/23/2009	3368.77		3367.42	3371.36	3364.97	3366.46	3364.92	3367.94
10/12/2009	3368.65		3366.59	3370.99	3364.2	3366.01	3364.69	3367.78




3350
3345
Nov-02
Mar-03
Jul-03
Nov-03
Mar-04
Jul-04
Nov-04
Mar-05
Jul-05
Nov-05
Mar-06
Jul-06

MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16
3364.68	3367.9	3367.63	3365					
3367.92	3368.17	3367.86	3365.26	3366.24	3358.49	3349.76	3355.94	3361.23
3367.96	3368.22	3368.02	3364.24	3365.72	3356.7	3355.35	3357.62	3362.67
3368.21	3368.47	3368.21	3365.34	3366.15	3357.25	3355.6	3357.86	3363.03
3368.21	3368.51	3368.41	3365.65	3366.56	3363.7	3356.49	3358.12	3363
3368.6	3368.92	3368.85	3366.51	3368.5	3363.52	3357.59	3358.59	3363.51
3368.77	3369.12	3369.21	3367.17	3368.4	3364.78	3357.62	3358.66	3363.55
3368.86	3368.91	3369.26	3367.24	3368.43	3364.48	3357.6	3358.71	3363.66
3369	3369.38	3369.46	3367.39	3368.18	3362.22	3357.21	3358.74	3363.62
3369.15	3369.51	3369.59	3367.51	3368.31	3363.26	3357.55	3358.87	3363.78
3369.37	3369.73	3369.74	3367.74	3368.53	3364.64	3358.1	3358.91	3363.87
3369.8	3369.7	3369.77	3367.65	3368.32	3363.18	3357.75	3358.95	3363.83
3369.71	3369.96	3369.94	3367.73	3368.14	3360.66	3357.03	3358.9	3363.94
3369.61	3369.94	3369.93	3367.55	3368.06	3360.04	3356.77	3358.92	3363.89
3369.85	3370.1	3370.01	3367.78	3368.29	3359.91	3356.68	3358.91	3364.03
3369.72	3370.02	3369.89	3367.4	3367.69	3358.89	3356.44	3358.82	3363.88




MW-18
MW-19
MW-20
MW-21
Mar-07
Jul-07
Nov-07
Mar-08
Jul-08
Nov-08
Mar-09
Jul-09

MW-18	MW-19	MW-20	MW-21
	3349.19	3351.52	
3346.96	3349.28	3351.62	
3346.48	3349.47	3351.79	
3346.58	3349.24	3351.81	
3346.87	3349.3	3351.89	
3346.59	3349.36	3352.02	
3346.15	3349.16	3351.88	
3346.09	3349	3351.76	
3345.99	3349	3351.76	3354.07
3345.68	3348.79	3351.59	3353.86

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, April 27, 2010 5:00 PM
To: Wrangham, Calvin W.; 'Mark Larson'
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: FW: Targa-Eunice Plant Work Plan

Cal, et al.:

Please see OCD comments below. Targa is methodically moving forward to implement CA to recover free product. Targa should continue its free-product extraction efficiency monitoring to achieve maximum recovery of free product. As Targa and OCD both know, wherever there is free product, there is an associated dissolved phase ground water plume that migrates down gradient from the point source. OCD requires that Targa establish downgradient monitoring to identify the toe and fringes of the dissolved phase plume to monitor for contaminants and assess receptors that are threatened by the release. Please submit GW quality data from downgradient MW-23.

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) 476-3490
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: Tuesday, April 27, 2010 6:50 AM
To: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: RE: Targa-Eunice Plant Work Plan

Glenn:

Jim and I have commented that it looks ok as they are attempting to locate the upgradient source while recovering free product, which appears to be coming from the plant as the flow lines do not appear to be leaking. Targa has implemented pneumatic pumping at MW-3, and will begin LNAPL recovery in MW-22 (installed upgradient of MW-3) using a Keck PRS pneumatic or similar recovery pump. Some additional monitor wells (3) are proposed to be installed upgradient to id the source at the plant.

The only comment I have is what were the results of the water quality data from downgradient MW-23 (~225 ft SE of MW-3)? Targa didn't specify. Targa also needs to install downgradient monitoring to locate the toe and fringes of the dissolved phase ground water plume with installed monitoring wells that verify the plume is not growing and threatening any downgradient receptors.

Thanks.

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) 476-3490
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: VonGonten, Glenn, EMNRD
Sent: Thursday, April 22, 2010 3:17 PM
To: Griswold, Jim, EMNRD; Chavez, Carl J, EMNRD
Subject: FW: Targa-Eunice Plant Work Plan

From: John Fergerson [mailto:john@laenvironmental.com]
Sent: Thursday, April 22, 2010 3:02 PM
To: VonGonten, Glenn, EMNRD
Cc: Cal Wrangham; James Lingnau; Susan Ninan; Mark Larson
Subject: Targa-Eunice Plant Work Plan

Glenn,

Attached is a work plan for LNAPL hydrocarbon delineation at the Targa-Eunice Middle Gas Plant (facility). The facility is located in the northwest quarter (NW/4) of the northeast (NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico. A hard copy of the work plan is being sent to you via overnight carrier.

After review, please contact either Mark Larson or myself if you have any questions and/or comments.

Thanks,

John M. Fergerson, PG
Larson & Associates, Inc
507 North Marienfield Street
Suite 200
Midland, TX 79701

432-687-0901 (Main)
432-557-9703 (Cell)
432-687-0456 (Fax)
John@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

April 22, 2010

VIA CERTIFIED MAIL

RECEIVED OCD
2010 APR 26 A 11: 29

Mr. Glenn Von Gonten
Acting Environmental Bureau Chief
State of New Mexico – Department of Natural Resources
Oil Conservation Division – Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: LNAPL Hydrocarbon Delineation Work Plan, Targa Midstream Services Eunice-Middle Gas Plant
Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Dear Mr. Von Gonten:

Larson & Associates, Inc. (LAI), as consultant to Targa Midstream Services, L.P. (Targa), submits this work plan to the New Mexico Oil Conservation Division (OCD) for LNAPL hydrocarbon delineation at the Eunice Gas Plant (facility). The facility is located in the northwest quarter (NW/4) of the northeast quarter (NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico.

If you have any questions or require additional information please contact Mr. Mark Larson or myself at (432) 687-0901 or email mark@laenvironmental.com or john@laenvironmental.com.

Sincerely,
Larson & Associates, Inc.

John M Fergerson, P.G.
Hydrogeologist

Enclosure

cc: Cal Wrangham, Targa – Midland
James Lingnau, Targa – Eunice
Susan Ninan, Targa – Houston
Larry Johnson, OCD – Hobbs
Geoffry Leking, OCD – Hobbs

Introduction

Larson & Associates, Inc. (LAI), on behalf of Targa Midstream Services, L.P. (Targa), submits this work plan to the New Mexico Oil Conservation Division (OCD) for delineation of light non-aqueous phase liquid (LNAPL) hydrocarbons recently discovered in monitoring wells MW-3 and MW-22 at the Eunice Gas Plant (Facility) located in Unit B (NW/4, NE4), Section 3, Township 22 South, Range 37 East, in Lea County, New Mexico. Targa has determined that the LNAPL is consistent with natural gas condensate and tested underground lines in the vicinity to determine if the lines could be sources. No lines were found to be leaking. Targa has begun LNAPL recovery from MW-3 using a pneumatic pump. Figure 1 presents a location and topographic map.

Background

On February 22, 2010, during a conference call between OCD, Targa and LAI representatives, Targa agreed to install two (2) monitoring wells (MW-22 and MW-23) up gradient and down gradient of MW-3 to investigate a possible source and limit for the LNAPL.

On March 8, 2010, MW-22 was installed about 125 feet northwest (up gradient) and on March 9, 2010, MW-23 was installed about 225 feet southeast (down gradient) of well MW-3. Light non-aqueous phase liquid (LNAPL) hydrocarbons were discovered in monitoring well MW-22. Recent MW-22 gauging data indicates the top of the LNAPL is approximately 26.53 feet below ground surface (bgs) with a thickness of 6.04 feet. No groundwater was detected in MW-22.

Proposed Monitoring Wells

Larson & Associates, Inc. (LAI) on behalf of Targa Midstream Services, L.P. (Targa) proposes to install three (3) additional monitoring wells to assess the source of LNAPL. Monitoring wells MW-24, MW-25, and MW-26 will be inside the plant's security fencing and up gradient (MW-25) and cross gradient (MW-24 and MW-26) of MW-22. Figures 2 and 3 present an aerial image and site map drawing of proposed monitoring well locations.

Soil Samples

Soil samples will be collected from the vadose zone until groundwater is observed between approximately 20 and 30 feet below ground surface (bgs). The soil samples will be collected using a spilt-spoon or jam tube sampling device about every 5 feet beginning at ground surface to about 20 feet bgs (i.e., 0, 5, 10, 15 and 20 feet bgs). The soil samples will be placed in clean soil jars provided by the laboratory that will be labeled, chilled in an ice filled cooler and delivered under chain of custody to an environmental laboratory.

The laboratory will analyze select soil samples for total petroleum hydrocarbons (TPH) by EPA SW-846 method 8015 for gasoline range organics (GRO) and diesel range organics (DRO) and chloride by method 300. Samples will also be field screened for hydrocarbons using the ambient temperature headspace method and calibrated photoionization detector (PID). Samples exhibiting PID readings greater than 100 parts per million (ppm) will be analyzed by the laboratory for benzene, toluene, ethylbenzene and xylene (BTEX) by EPA method 8021B.

Monitoring Well Drilling and Installation

The borings will be advanced about 10 feet into groundwater using an air rotary rig and completed with 2-inch screw-threaded schedule 40 PVC casing and screen. Approximately ten (15) feet of 0.010 inch factory-slotted screen will be placed in each well, with about 10 feet of screen extending into groundwater and about 5 feet of screen extending above groundwater. The well screen will be surrounded with 8 – 16 graded silica sand that will extend from the bottom of the boring to approximately 2 feet above the screen. Bentonite chips will be placed above the sand to about 1 foot bgs and hydrated with potable water. A steel protective sleeve will be placed over the PVC casing stickup and anchored in a concrete pad measuring about 3 x 3 feet. The wells will be locked to prevent tampering and vandalism.

Larson & Associates, Inc.
Environmental Consultants

April 22, 2010

VIA CERTIFIED MAIL

RECEIVED OCD
2010 APR 26 A 11: 29

Mr. Glenn Von Gonten
Acting Environmental Bureau Chief
State of New Mexico – Department of Natural Resources
Oil Conservation Division – Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: LNAPL Hydrocarbon Delineation Work Plan, Targa Midstream Services Eunice-Middle Gas Plant
Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Dear Mr. Von Gonten:

Larson & Associates, Inc. (LAI), as consultant to Targa Midstream Services, L.P. (Targa), submits this work plan to the New Mexico Oil Conservation Division (OCD) for LNAPL hydrocarbon delineation at the Eunice Gas Plant (facility). The facility is located in the northwest quarter (NW/4) of the northeast quarter (NE/4), Section 3, Township 22 South, Range 37 East, Lea County, New Mexico.

If you have any questions or require additional information please contact Mr. Mark Larson or myself at (432) 687-0901 or email mark@laenvironmental.com or john@laenvironmental.com.

Sincerely,
Larson & Associates, Inc.

John M Fergerson, P.G.
Hydrogeologist

Enclosure

cc: Cal Wrangham, Targa – Midland
James Lingnau, Targa – Eunice
Susan Ninan, Targa – Houston
Larry Johnson, OCD – Hobbs
Geoffry Leking, OCD – Hobbs

Introduction

Larson & Associates, Inc. (LAI), on behalf of Targa Midstream Services, L.P. (Targa), submits this work plan to the New Mexico Oil Conservation Division (OCD) for delineation of light non-aqueous phase liquid (LNAPL) hydrocarbons recently discovered in monitoring wells MW-3 and MW-22 at the Eunice Gas Plant (Facility) located in Unit B (NW/4, NE4), Section 3, Township 22 South, Range 37 East, in Lea County, New Mexico. Targa has determined that the LNAPL is consistent with natural gas condensate and tested underground lines in the vicinity to determine if the lines could be sources. No lines were found to be leaking. Targa has begun LNAPL recovery from MW-3 using a pneumatic pump. Figure 1 presents a location and topographic map.

Background

On February 22, 2010, during a conference call between OCD, Targa and LAI representatives, Targa agreed to install two (2) monitoring wells (MW-22 and MW-23) up gradient and down gradient of MW-3 to investigate a possible source and limit for the LNAPL.

On March 8, 2010, MW-22 was installed about 125 feet northwest (up gradient) and on March 9, 2010, MW-23 was installed about 225 feet southeast (down gradient) of well MW-3. Light non-aqueous phase liquid (LNAPL) hydrocarbons were discovered in monitoring well MW-22. Recent MW-22 gauging data indicates the top of the LNAPL is approximately 26.53 feet below ground surface (bgs) with a thickness of 6.04 feet. No groundwater was detected in MW-22.

Proposed Monitoring Wells

Larson & Associates, Inc. (LAI) on behalf of Targa Midstream Services, L.P. (Targa) proposes to install three (3) additional monitoring wells to assess the source of LNAPL. Monitoring wells MW-24, MW-25, and MW-26 will be inside the plant's security fencing and up gradient (MW-25) and cross gradient (MW-24 and MW-26) of MW-22. Figures 2 and 3 present an aerial image and site map drawing of proposed monitoring well locations.

Soil Samples

Soil samples will be collected from the vadose zone until groundwater is observed between approximately 20 and 30 feet below ground surface (bgs). The soil samples will be collected using a spilt-spoon or jam tube sampling device about every 5 feet beginning at ground surface to about 20 feet bgs (i.e., 0, 5, 10, 15 and 20 feet bgs). The soil samples will be placed in clean soil jars provided by the laboratory that will be labeled, chilled in an ice filled cooler and delivered under chain of custody to an environmental laboratory.

The laboratory will analyze select soil samples for total petroleum hydrocarbons (TPH) by EPA SW-846 method 8015 for gasoline range organics (GRO) and diesel range organics (DRO) and chloride by method 300. Samples will also be field screened for hydrocarbons using the ambient temperature headspace method and calibrated photoionization detector (PID). Samples exhibiting PID readings greater than 100 parts per million (ppm) will be analyzed by the laboratory for benzene, toluene, ethylbenzene and xylene (BTEX) by EPA method 8021B.

Monitoring Well Drilling and Installation

The borings will be advanced about 10 feet into groundwater using an air rotary rig and completed with 2-inch screw-threaded schedule 40 PVC casing and screen. Approximately ten (15) feet of 0.010 inch factory-slotted screen will be placed in each well, with about 10 feet of screen extending into groundwater and about 5 feet of screen extending above groundwater. The well screen will be surrounded with 8 – 16 graded silica sand that will extend from the bottom of the boring to approximately 2 feet above the screen. Bentonite chips will be placed above the sand to about 1 foot bgs and hydrated with potable water. A steel protective sleeve will be placed over the PVC casing stickup and anchored in a concrete pad measuring about 3 x 3 feet. The wells will be locked to prevent tampering and vandalism.

All equipment (i.e., jam tube, split spoon, continuous sampler, scoops, trowels, etc.) will be thoroughly washed between samples using a solution of distilled water and laboratory grade detergent and rinsed with distilled water. The drilling rig and equipment (i.e., bit, rods, etc.) will be cleaned between locations using a power washer.

The monitoring wells will initially be developed using a rig bailer to remove sediment and water disturbed during drilling. Additional development will be performed, as necessary, to remove additional solids or until the water is sufficiently free of suspended material. Decontamination and development fluids will be captured and disposed in the Facility's OCD permitted Class II disposal well.

A New Mexico registered professional land surveyor will survey the wells for top of the PVC casing (north side) and natural ground elevation referenced to a USGS datum. Soil samples and drill cuttings will be described and a geological log will be prepared for each monitoring well according to the unified soil classification system (USCS). Drill cuttings will be placed on plastic adjacent to the wells until disposal is arranged.

Depth to Groundwater and LNAPL Measurements

Depth to groundwater and LNAPL will be recorded at the top of the PVC casing on the north side of the PVC casing well using an electronic oil and water interface probe. The interface probe will be thoroughly decontaminated between samples using a solution of distilled water and laboratory grade detergent and rinsed with distilled water.

Groundwater Samples

Groundwater samples will be collected in containers provided by the laboratory after the wells have been purged to remove at least three (3) casing volumes of groundwater by bailing with the dedicated disposable bailers. The samples will be collected in containers provided by the laboratory, which will be labeled, chilled in an ice filled cooler and delivered under chain of custody control to a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and analyzed for New Mexico Water Quality Control Commission (WQCC) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver), BTEX and domestic water quality parameters (chloride, sulfate, TDS and pH). Purging and decontamination fluids will be captured and disposed in the Facility's OCD permitted Class II disposal well.

LNAPL Recovery

Targa will continue LNAPL recovery in MW-3 and will begin LNAPL recovery in MW-22 using a Keck PRS pneumatic or similar recovery pump.

Schedule

Drilling is tentatively scheduled for the week April 26, 2010, assuming rig availability. LAI will provide 48-hours advanced notification to the OCD in Santa Fe and Hobbs, New Mexico.

Report

A report will be submitted to the OCD within 60-days of receiving the final laboratory report. The report will integrate results of LNAPL recovery and include an investigation summary, monitoring well installation procedures, soil and groundwater sample procedures and laboratory results. The report will describe the geology, aquifer characteristics, including LNAPL thickness, groundwater elevation, flow direction, gradient, and include updated geological cross sections and groundwater potentiometric surface map.

IWW

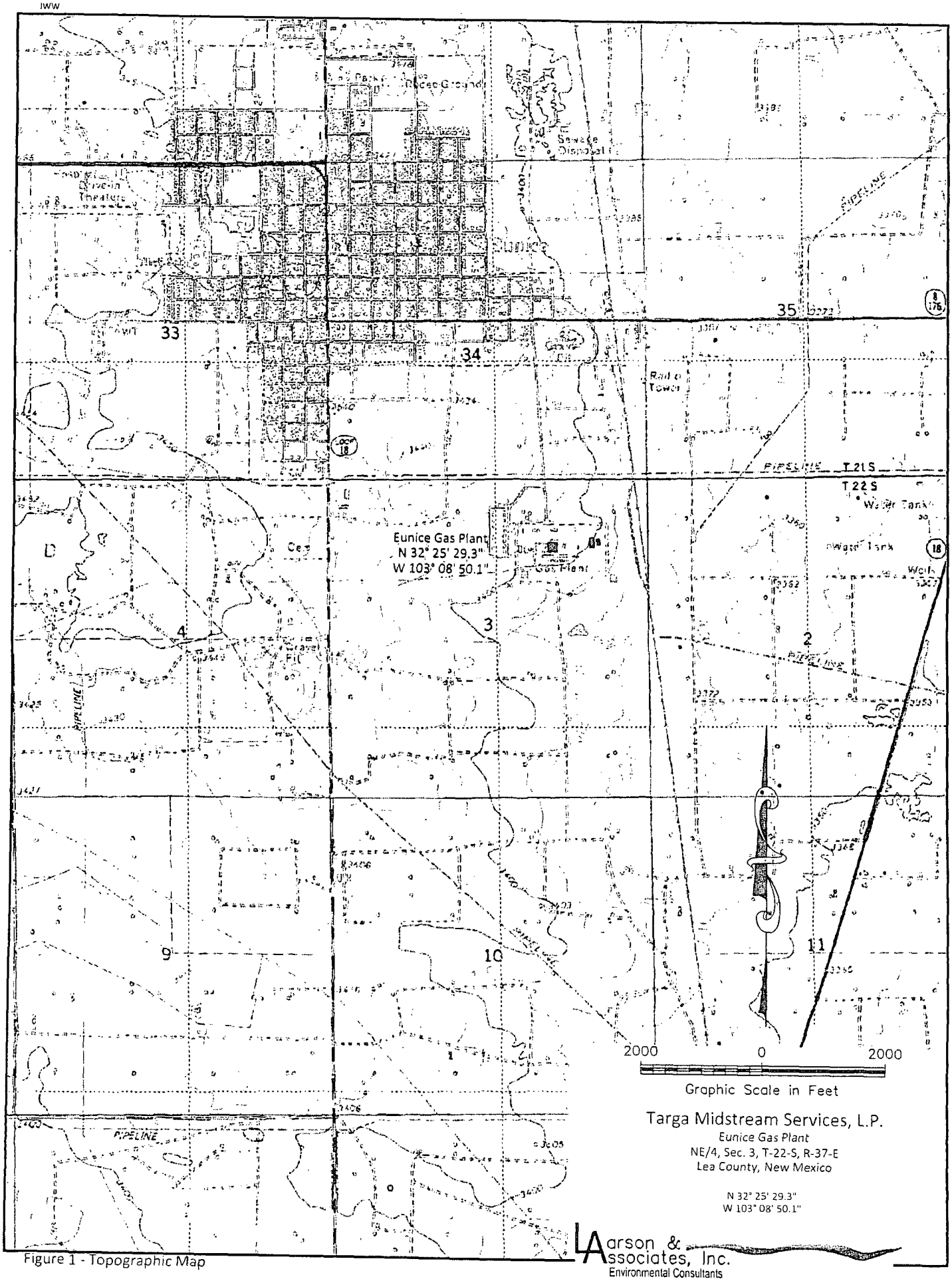
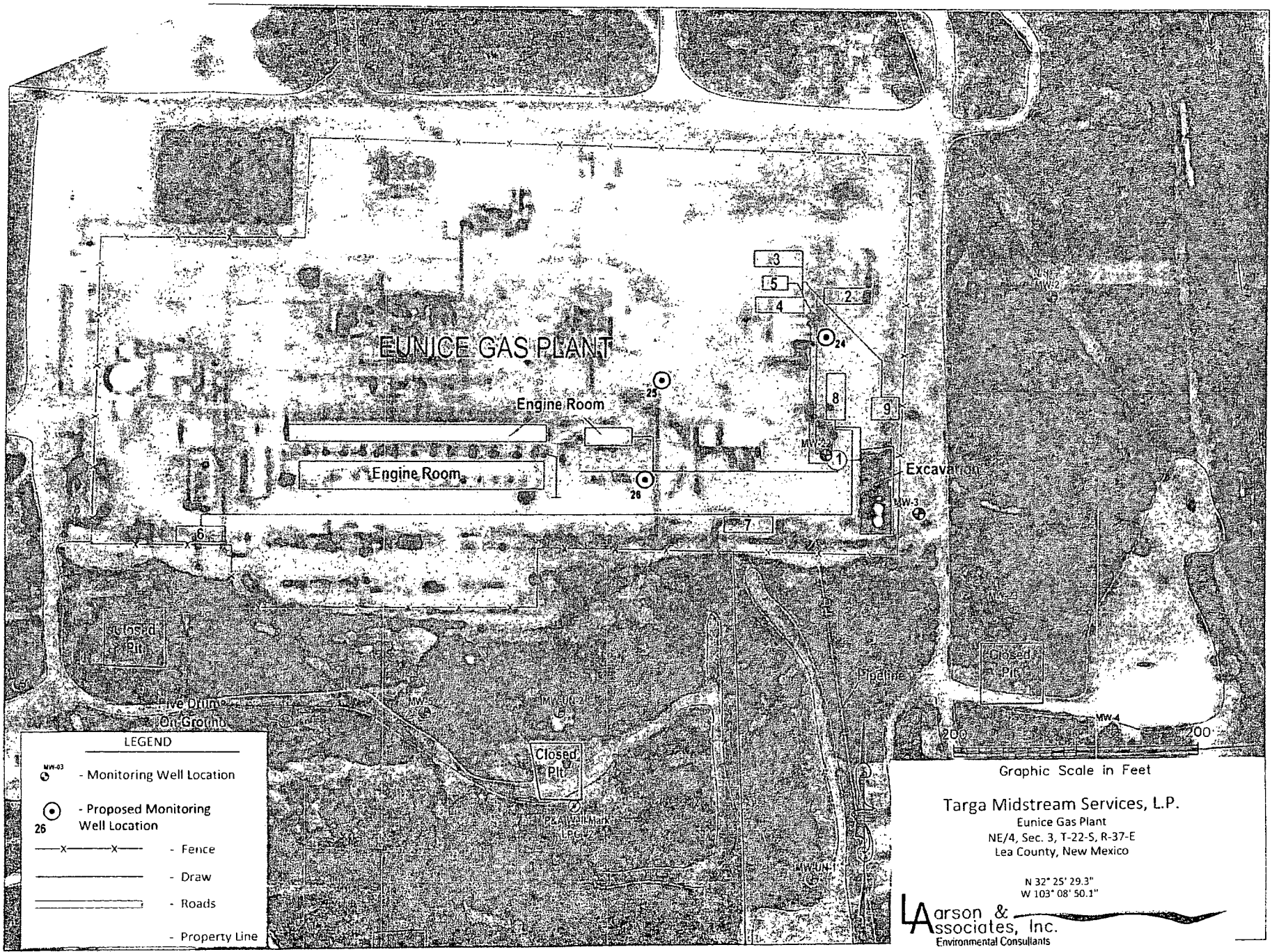


Figure 1 - Topographic Map

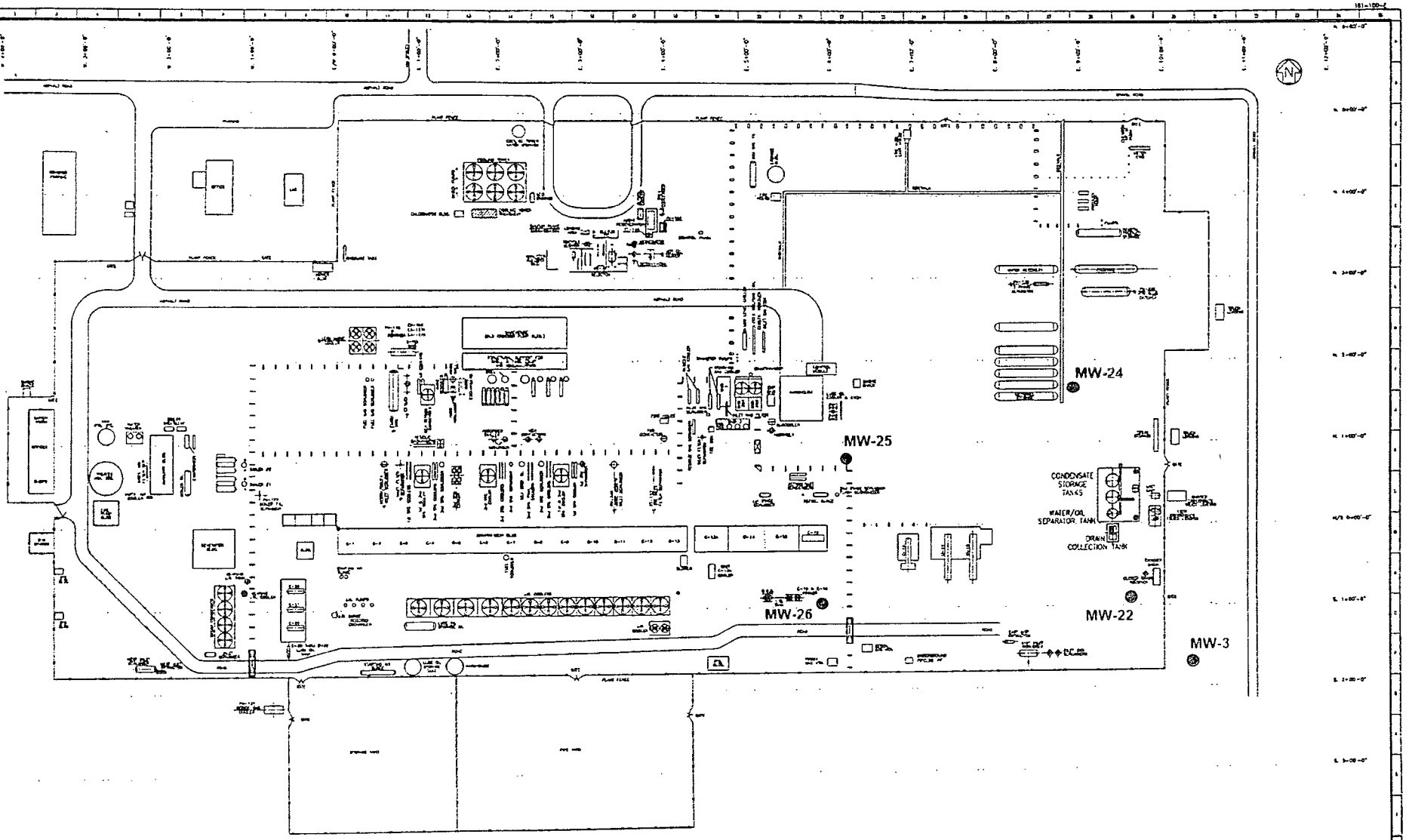


Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

FIGURE - Aerial Photo



TARGA

PLOT PLAN
EUNICE MIDDLE GAS PLANT

EUNICE GAS PLANT
LEA COUNTY, NM

141-100-E

EU100E

11

OLD DWG. NO. 181-1001-1

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, February 24, 2010 4:03 PM
To: 'mark@laenvironmental.com'
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD; Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: RE: Eunice Gas Plant

The OCD is in receipt of your hydrocarbon investigation plan. Please proceed to implement it. 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) 476-3490
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: mark@laenvironmental.com [mailto:mark@laenvironmental.com]
Sent: Wednesday, February 24, 2010 3:44 PM
To: Chavez, Carl J, EMNRD
Cc: Cal Wranghan
Subject: Eunice Gas Plant

Carl,
On behalf of Targa Midstream Services, LP, Larson and Associates, Inc, submits the attached work plan to the New Mexico Oil Conservation Division for free product investigation at the Eunice Gas Plant (GW-005). Please contact me if you have questions.

Mark Larson

Sent from my Verizon Wireless BlackBerry

From: "Mark Larson" <Mark@laenvironmental.com>
Date: Wed, 24 Feb 2010 06:57:42 -0600
To: Mark Larson<Mark@laenvironmental.com>
Subject:

Sr. Project Manager / President
507 N. Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901 (office)

(432) 687-0456 (fax)
(432) 556-8656 (cell)
mark@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

Chavez, Carl J, EMNRD

From:	mark@laenvironmental.com
Sent:	Wednesday, February 24, 2010 3:44 PM
To:	Chavez, Carl J, EMNRD
Cc:	Cal Wranghan
Subject:	Eunice Gas Plant
Attachments:	Free Product Investigation Work Plan, February 23, 2010.pdf

Carl,
On behalf of Targa Midstream Services, LP, Larson and Associates, Inc, submits the attached work plan to the New Mexico Oil Conservation Division for free product investigation at the Eunice Gas Plant (GW-005). Please contact me if you have questions.

Mark Larson

Sent from my Verizon Wireless BlackBerry

From: "Mark Larson" <Mark@laenvironmental.com>
Date: Wed, 24 Feb 2010 06:57:42 -0600
To: Mark Larson<Mark@laenvironmental.com>
Subject:

Sr. Project Manager / President
507 N. Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901 (office)
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(432) 556-8656 (cell)
mark@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

SPAMfighter has removed 5155 of my spam emails to date.
The Professional version does not have this message.

Introduction

Larson & Associates, Inc. (LAI), on behalf of Targa Midstream Services, L.P. (Targa), submits this investigation plan to the New Mexico Oil Conservation Division (OCD) for investigation of light non-aqueous phase liquid (LNAPL) recently discovered in monitoring well MW-3 at the Eunice Gas Plant (Facility) located in Unit B (NW/4, NE4), Section 3, Township 22 South, Range 37 East, in Lea County, New Mexico. Targa has determined that the LNAPL is consistent with natural gas condensate and tested underground lines in the vicinity of well MW-3 to determine if the lines could be sources. No lines were found to be leaking. Targa has begun LNAPL recovery from MW-3 using a pneumatic pump. Figure 1 presents a location and topographic map.

On February 22, 2010, during a conference call between OCD, Targa and LAI representatives, Targa agreed to install two (2) monitoring wells up gradient and down gradient of MW-3 to investigate a possible source and limit for the LNAPL, respectively. One well will be installed about 250 feet northwest (up gradient) and the other well will be installed about 200 feet southeast (down gradient) of well MW-3. Figure 2 presents a Facility drawing and proposed well locations.

Soil Samples

Soil samples will be collected from the vadose zone until groundwater is observed between approximately 20 and 25 feet below ground surface (bgs). The soil samples will be collected using a spilt-spoon or jam tube sampling device about every 5 feet beginning at ground surface to about 20 feet bgs (i.e., 0, 5, 10, 15 and 20 feet bgs). The soil samples will be placed in clean soil jars provided by the laboratory that will be labeled, chilled in an ice filled cooler and delivered under chain of custody to an environmental laboratory.

The laboratory will analyze the samples for total petroleum hydrocarbons (TPH) by EPA SW-846 method 8015 for gasoline range organics (GRO) and diesel range organics (DRO) and chloride by method 300. Samples will also be field screened for hydrocarbons using the ambient temperature headspace method and calibrated photoionization detector (PID). Samples exhibiting PID readings greater than 100 parts per million (ppm) will be analyzed by the laboratory for benzene, toluene, ethylbenzene and xylene (BTEX) by EPA method 8021B.

Monitoring Well Drilling and Installation

The monitoring wells will be drilled about 5 feet into groundwater using an air rotary rig and completed with 2-inch screw-threaded schedule 40 PVC casing and screen. Approximately ten (10) feet of 0.010 inch factory-slotted screen will be placed in each well, with about 5 feet of screen extending into groundwater and about 5 feet of screen extending above groundwater. The well screen will be surrounded with 8 – 20 graded silica sand that will extend from the bottom of the boring to approximately 2 feet above the screen. Bentonite chips will be placed above the sand to about 1 foot bgs and hydrated with potable water. A steel protective sleeve will be placed over the PVC casing stickup and anchored in a concrete pad measuring about 3 x 3 feet. The wells will be locked to prevent tampering and vandalism.

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Schedule

Drilling is tentatively scheduled for the week of March 1, 2010, assuming rig availability. LAI will provide 48-hours advanced notification to the OCD in Santa Fe and Hobbs, New Mexico.

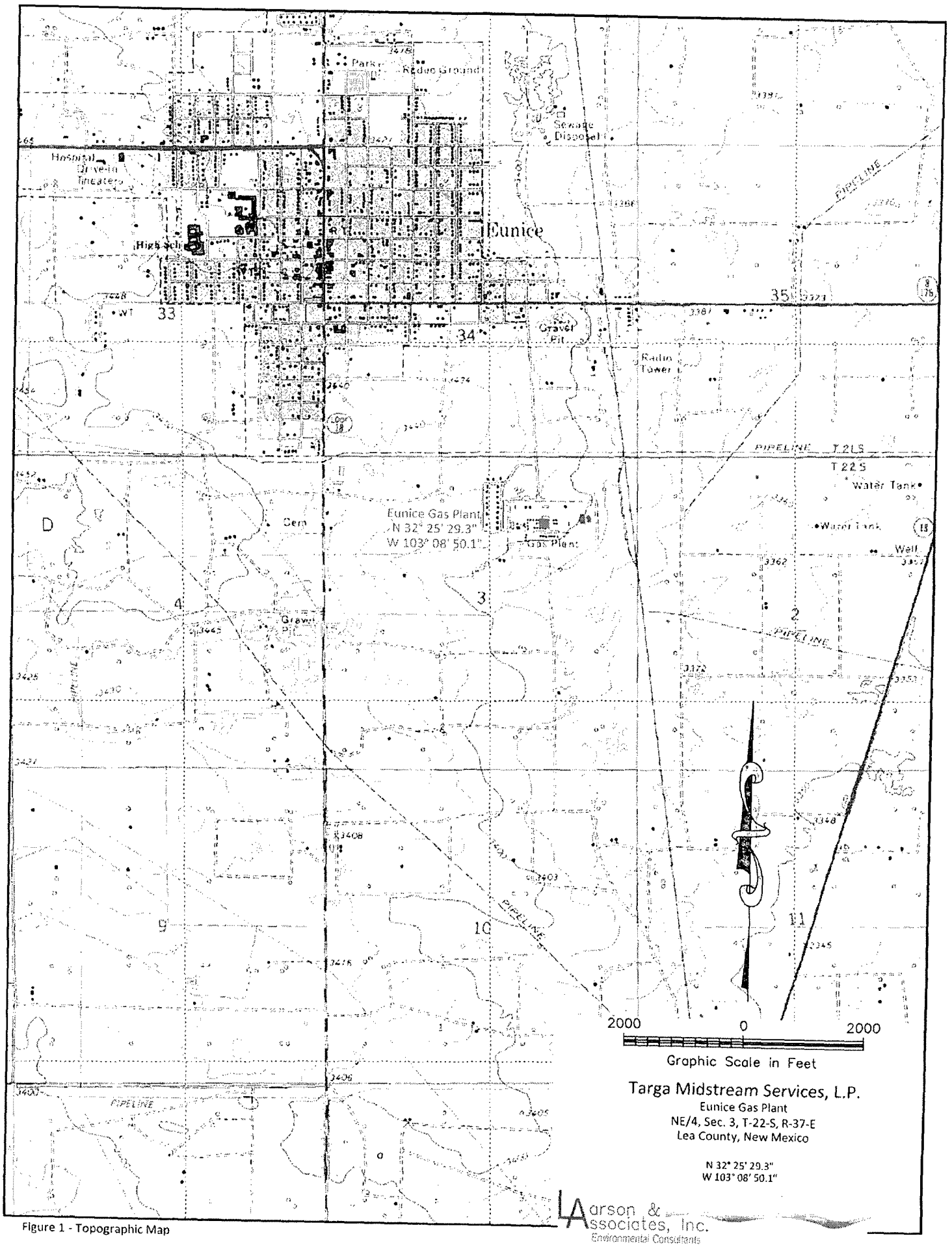
Report

A report will be submitted to the OCD within 60-days of receiving the final laboratory report. The report will integrate results of LNAPL recovery and include an investigation summary, monitoring well installation procedures, soil and groundwater sample procedures and laboratory results. The report will describe the geology, aquifer characteristics, including LNAPL thickness, groundwater elevation, flow direction, gradient, and include updated geological cross sections and groundwater potentiometric surface map.

FIGURES

IWW

Y:\PROJECTS\TARGA\8-0172\Eunice Gas Plant.dwg, 6/4/2009 3:46:50 PM



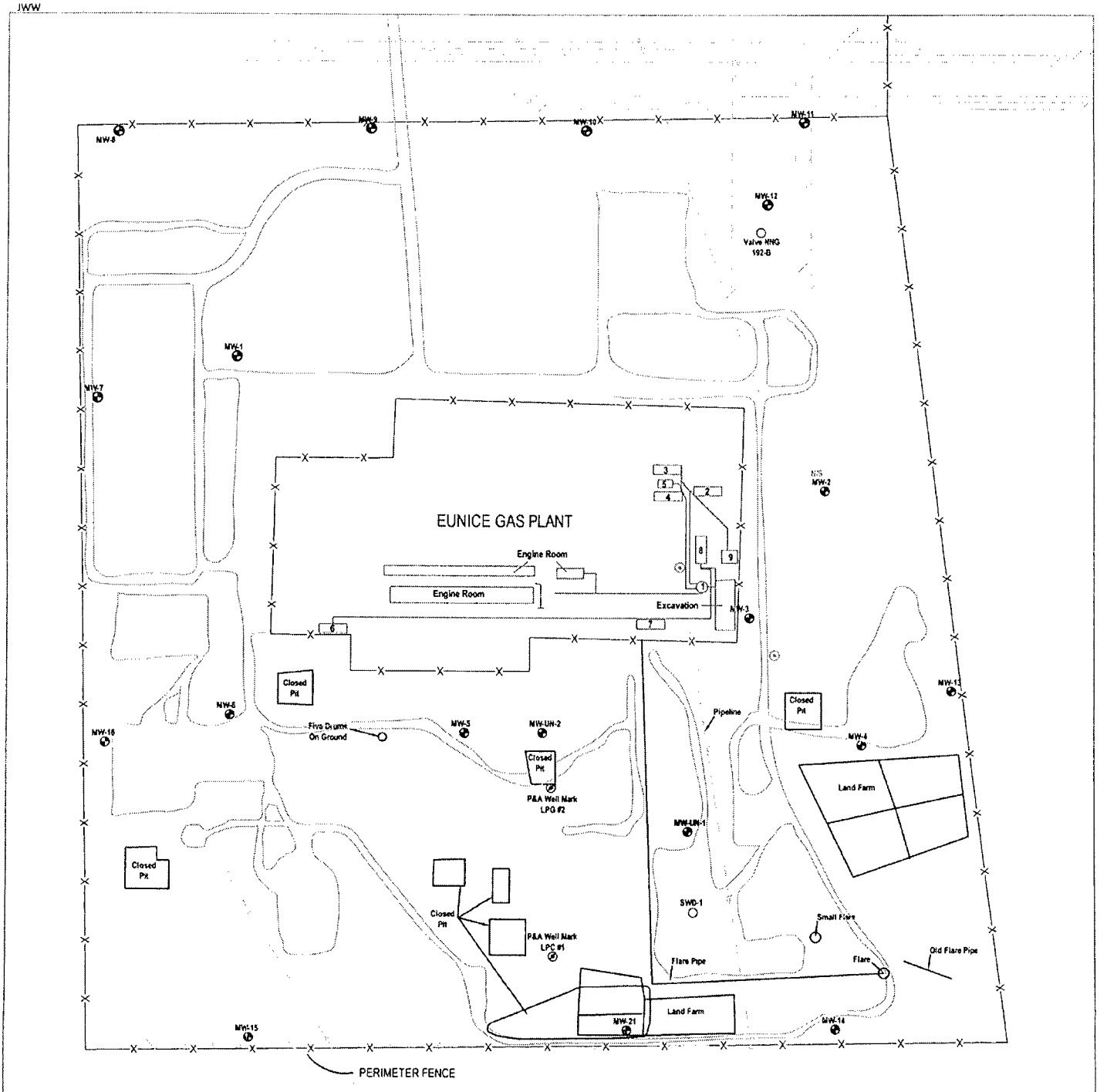
Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

Figure 1 - Topographic Map

JWW



LEGEND

MW-03 - Monitoring Well Location

—X— - Fence

N/S - Not Sampled

⊙ - Proposed Free Product Monitoring Well Location

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

P&A Well 400 0 MW-19 400

Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico
N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

Figure 2 - Proposed Free Product Monitoring Well Locations

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, February 03, 2010 5:48 AM
To: 'Mark Larson'; Wrangham, Calvin W.
Cc: VonGonten, Glenn, EMNRD; Griswold, Jim, EMNRD
Subject: FW: Free Product Assessment Update, Targa Midstream Services, LP, Eunice Gas Plant (GW-005), December 18, 2009

Mark and Cal:

RE: Condensate Release at Eunice Gas Plant (GW-5);Unit A, Section 3, Township 22 South, Range 37 East, Lea County, New Mexico

Sorry for the delay. Please find below comments from the most recent report.

The Oil Conservation Division (OCD) has received the letter report dated December 18,2009 filed on Targa's behalf by Larson & Associates updating efforts at recovery of condensate residing atop shallow groundwater beneath your Eunice Gas Plant. Upon the OCD's review of this document, we have the following questions/comments.

• The report specifies both condensate and groundwater are being recovered from monitoring well MW-3 and infers only the condensate is being "recycled in plant operations." The disposition of water is not provided. Please clarify.

• Prior to the bail down testing of December 11th, how much time elapsed between removal of the pump and the measurement of 4.30 feet of apparent condensate thickness in the well?

• The measured reduction in apparent well thickness and reduction in formation thickness based on the bail down testing seem to indicate an on-going release of condensate at the surface is not likely. Additional subsurface investigation is still warranted to define the extents of both adsorbed contamination in the vadose zone and free-phase contamination. Advancement of soil borings along with the installation of additional monitoring wells in the area of MW-3 should proceed as quickly as possible.

• There appears to be a discrepancy in the lithologic cross-sections provided in Figures 3 and 4 of the report. In Figure 3, the material deeper than an approximate elevation of 3,365 fmsl encountered during advancement of the boring for MW-3 is described based on the legend as "clayey sand" (i.e. predominantly sand with lesser amounts of clay) whereas in Figure 4 it is described as "clay." This needs to be consistent and the corrected figure(s) forwarded to the OCD.

• OCD agrees that condensate should continue to be recovered by whatever means from MW-3. Reducing the cycling on the existing installed pneumatic pumping system appears to be a reasonable course of action in the near term. This could allow for increased recovery of condensate while reducing the percentage of pumped groundwater. Monitoring and analysis of recovery data should continue.

Please contact us to provide an update on the situation and address the above questions and/or comments. 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) 476-3490
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: Mark Larson [mailto:Mark@laenvironmental.com]
Sent: Tuesday, January 05, 2010 8:25 AM
To: Chavez, Carl J, EMNRD
Cc: Wrangham, Calvin W.; jlingnau@targaresources.com; susan.ninan@targaresources.com
Subject: RE: Free Product Assessment Update, Targa Midstream Services, LP, Eunice Gas Plant (GW-005), December 18, 2009

Thanks

Mark J. Larson
Sr. Project Manager / President
507 N. Marienfeld St., Ste. 202
Midland, Texas 79701
(432) 687-0901 (office)
(432) 687-0456 (fax)
(432) 556-8656 (cell)
mark@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Tuesday, January 05, 2010 9:24 AM
To: Mark Larson
Cc: VonGonten, Glenn, EMNRD; Wrangham, Calvin W.; jlingnau@targaresources.com; Johnson, Larry, EMNRD; susan.ninan@targaresources.com; Griswold, Jim, EMNRD
Subject: RE: Free Product Assessment Update, Targa Midstream Services, LP, Eunice Gas Plant (GW-005), December 18, 2009

Mark:

I am in receipt of the report and OCD will respond soon. 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) 476-3490
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: Mark Larson [mailto:Mark@laenvironmental.com]
Sent: Monday, December 21, 2009 1:02 PM
To: Chavez, Carl J, EMNRD
Cc: VonGonten, Glenn, EMNRD; Wrangham, Calvin W.; jlingnau@targaresources.com; Johnson, Larry, EMNRD; susan.ninan@targaresources.com
Subject: Re: Free Product Assessment Update, Targa Midstream Services, LP, Eunice Gas Plant (GW-005), December 18, 2009

Dear Mr. Chavez,
The attached document is submitted to the New Mexico Oil Conservation Division (OCD) on behalf of Targa Midstream Services, LP, by Larson & Associates, Inc., Targa's consultant, and provides an update on recovery and source identification for free product (condensate) recently discovered in monitoring well MW-3 at the Eunice Gas Plant (GW-005) located in Eunice, Lea County, New Mexico. The original will be sent via overnight mail. Please contact Cal Wrangham with Targa at (432) 688-0542 or myself at (432) 687-0902 if you have questions.
Sincerely,

Mark J. Larson
Sr. Project Manager / President
507 N. Marienfeld St., Ste. 200
Midland, Texas 79701
(432) 687-0901 (office)
(432) 687-0456 (fax)
(432) 556-8656 (cell)
mark@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

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Chavez, Carl J, EMNRD

From: Michelle Green [michelle@laenvironmental.com]
Sent: Wednesday, November 05, 2008 6:44 AM
To: Johnson, Larry, EMNRD; Price, Wayne, EMNRD; Jones, Brad A., EMNRD; VonGonten, Glenn, EMNRD; Chavez, Carl J, EMNRD
Cc: jlingnau@targaresources.com; Rholland@targaresources.com; Cal Wrangham - Targa
Subject: FW: Sampling Event

The sampling event is scheduled for Thursday, November 6, 2008.

Michelle

From: Michelle Green
Sent: Wednesday, November 05, 2008 7:42 AM
To: 'Johnson, Larry, EMNRD'
Cc: Carl Chavez; 'Price, Wayne, EMNRD'; Brad Jones ; Glenn VonGonten; 'jlingnau@targaresources.com'; 'Rholland@targaresources.com'; Cal Wrangham - Targa
Subject: Sampling Event

Hello Everyone,

The following Quarterly Sampling events for Targa Resources, Inc. is scheduled for:

Targa
Eunice Middle Gas Plant
GW-005
Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Landfarm Tilled Zone parameters: BTEX, TPH (DRO & GRO), Chloride
Cells 1A and 1C: TPH (DRO & GRO), Chloride and 3103 constituents

If you need additional information please let me know.

Thank you,

Michelle L. Green
Larson & Associates, Inc.
507 N Marienfeld, Suite 200
Midland, TX 79701

Office: 432.687.0901
Fax: 432.687.0456
Cell: 432.934.3231

Larson & Associates, Inc.
Environmental Consultants

This inbound email has been scanned by the MessageLabs Email Security System.

Chavez, Carl J, EMNRD

From: Michelle Green [michelle@laenvironmental.com]
Sent: Wednesday, November 05, 2008 6:42 AM
To: Johnson, Larry, EMNRD
Cc: Chavez, Carl J, EMNRD; Price, Wayne, EMNRD; Jones, Brad A., EMNRD; VonGonten, Glenn, EMNRD; jlingnau@targaresources.com; Rholland@targaresources.com; Cal Wrangham - Targa
Subject: Sampling Event

Hello Everyone,

The following Quarterly Sampling events for Targa Resources, Inc. is scheduled for:

Targa
Eunice Middle Gas Plant
GW-005
Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Landfarm Tilled Zone parameters: BTEX, TPH (DRO & GRO), Chloride
Cells 1A and 1C: TPH (DRO & GRO), Chloride and 3103 constituents

If you need additional information please let me know.

Thank you,

Michelle L. Green
Larson & Associates, Inc.
507 N Marienfeld, Suite 200
Midland, TX 79701

Office: 432.687.0901
Fax: 432.687.0456
Cell: 432.934.3231

Larson & Associates, Inc.
Environmental Consultants

Chavez, Carl J, EMNRD

From: Mark Larson [Mark@laenvironmental.com]

Sent: Tuesday, September 02, 2008 11:43 AM

To: Price, Wayne, EMNRD

Cc: Wrangham, Calvin W.; jlingnau@targaresources.com; Johnson, Larry, EMNRD; Chavez, Carl J, EMNRD; rwoodell@targaresources.com; cklein@targaresources.com

Subject: Re: Shell Tank Area Soil Excavation, Targa Midstream Services, Eunice Gas Plant (GW-005)

Wayne,
This message is submitted to the New Mexico Oil Conservation Division (OCD) by Larson & Associates, Inc., its consultant, to provide notification to the OCD that TMS has begun excavating soil form the location of aboveground (shell) tanks that were located near the southeast corner of the Eunice Gas Plant. The soil is being transported to the J Dan commercial landfarm located near Lovington, New Mexico. Soil samples will be collected from the area for analysis of benzene, total BTEX, TPH and chloride to confirm the final in-situ concentrations of the constituents. Additional notification will be provided to the OCD prior to final sample collection. A plan for additional groundwater investigation and remediation is forthcoming. Please contact myself or Mar. Cal Wrangham with TMS if you have questions.

Mark J. Larson
Sr. Project Manager / President
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Midland, Texas 79701
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(432) 687-0456 (fax)
(432) 556-8656 (cell)
mark@laenvironmental.com

Larson & Associates, Inc.
Environmental Consultants

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, June 24, 2008 2:23 PM
To: 'Michelle Green'
Subject: RE: Targa Resources Sampling events

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: Michelle Green [mailto:michelle@laenvironmental.com]
Sent: Tuesday, June 24, 2008 2:13 PM
To: Price, Wayne, EMNRD
Cc: VonGonten, Glenn, EMNRD; Chavez, Carl J, EMNRD; jlingnau@targaresources.com
Subject: Targa Resources Sampling events

Hello Everyone,

The following Groundwater Sampling event for Targa Resources, Inc. is scheduled for the following:

Week of June 25-26, 2008
Targa
Eunice Middle Gas Plant
GW-005
Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

It was originally scheduled for June 23-25, 2008

The Landfarm Treatment (tilled) zone quarterly sampling event is scheduled for June 26-27, 2008.
Targa
Eunice Middle Gas Plant
GW-005
Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East

If you need additional information please let me know.

Thank you,

Michelle L. Green
Larson & Associates, Inc.
507 N Marienfeld, Suite 200
Midland, TX 79701

Office: 432.687.0901
Fax: 432.687.0456
Cell: 432.934.3231

Larson & Associates, Inc.
Environmental Consultants