

AP - 116

APPROVALS

Year(s)

2012-2013

Hansen, Edward J., EMNRD

From: Deborah Watson <dywatson@animasenvironmental.com>
Sent: Friday, May 17, 2013 1:14 PM
To: Hansen, Edward J., EMNRD
Cc: Powell, Brandon, EMNRD; 'Robert Moss'; 'Beth McNally'; 'Ross Kennemer'
Subject: Thriftway Bloomfield Refinery (AP-116)
Attachments: NMOCD 051515.pdf

Mr. Hansen,

Attached is the requested reactivation schedule for the MPE Remediation System at the Thriftway Refinery, located at 626 County Road 5500, Bloomfield, New Mexico. Thank you.

Have a nice weekend,

Debbie

Deborah Watson

Project Manager
Animas Environmental Services, LLC
624 E. Comanche
Farmington, NM 87401
office: (505) 258-4278
cell: (505) 486-4071
main office: (505) 564-2281
fax: (505) 324-2022
dywatson@animasenvironmental.com

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www.animasenvironmental.com

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Animas Environmental Services, LLC

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624 E. Comanche
Farmington, NM 87401
505-564-2281

Durango, Colorado
970-403-3084

May 15, 2013

Edward Hansen
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Via electronic mail with delivery confirmation
Hansen, Edward J., EMNRD <edwardj.hansen@state.nm.us>

RE: 2013 Remediation System Reactivation Schedule
Thriftway Refinery
626 County Road 5500
Bloomfield, New Mexico

Dear Mr. Hansen:

Animas Environmental Services, LLC (AES) has prepared this remediation system operations reactivation schedule on behalf of Thriftway Company (Thriftway) for the Thriftway Refinery, located at 626 County Road 5500, Bloomfield, San Juan County, New Mexico. Remediation efforts are being conducted in accordance with New Mexico Oil Conservation Division (NMOCD) and New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) regulations.

<u>Date</u>	<u>Tasks</u>
April 3, 2013	MPE system start-up (MPE-43 through 45, and MPE-88)
April 18, 2013	MPE system shut-down due to overnight lows below freezing
April 22, 2013	MPE system start-up (MPE-43 through 45 and MPE-88)
May 2013	MPE system in operation (MPE-43 through 45 and MPE-88)

If you have any questions regarding this schedule, please do not hesitate to contact me or Ross Kennemer at (505) 564-2281.

Sincerely,

A handwritten signature in black ink that reads "Deborah Watson". The signature is written in a cursive, flowing style.

Deborah Watson
Project Manager

cc: Robert Moss
Thriftway Company
501 Airport Drive
Farmington, NM 87401

C:\Dropbox\2013 Projects\Thriftway\810 Thriftway Refinery, Bloomfield NM\GC\NMOCD 051515.docx

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, September 10, 2012 10:29 AM
To: 'Robert Moss' (robertgmoss@me.com)
Cc: Powell, Brandon, EMNRD; Beth McNally (emcnally@animasenvironmental.com); Ross Kennemer (rkennemer@animasenvironmental.com)
Subject: Groundwater Monitoring System Plan Amendment Approval (AP-116) - Thriftway Bloomfield Refinery Release Site

**RE: Groundwater Monitoring System Plan Amendment Approval
for the Thriftway's
Thriftway Bloomfield Refinery Release Site (AP-116)
626 County Road 5500, Bloomfield, San Juan County, New Mexico**

Dear Mr. Moss:

The New Mexico Oil Conservation Division (OCD) has received the Groundwater Monitoring System Plan Amendment for the above-referenced site, dated September 7, 2012, and has conducted a review of the plan amendment. The plan amendment substantially meets the requirements of 19.15.30 NMAC. Therefore, the OCD hereby approves the plan amendment subject to the following conditions:

Thriftway must submit to the OCD an installation report for "TW-52". Thriftway must sample on at least an annual basis for MTBE in the new well. The installation report and first analytical results for the new well must be reported to the OCD by the 4th Quarter Remedial Progress Report of 2012.

Please be advised that OCD approval of this amendment does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, May 07, 2013 11:20 AM
To: 'Robert Moss' (robertgmoss@me.com)
Cc: Powell, Brandon, EMNRD; Beth McNally (emcnally@animasenvironmental.com); Ross Kennemer (rkennemer@animasenvironmental.com); 'dywatson@animasenvironmental.com'
Subject: Recommendations Approval (AP-116) (4th Quarter - 2012) - Thriftway Bloomfield Refinery Release Site

**RE: 4th Quarter Remedial Progress Report (2012) for the Thriftway's
Bloomfield Refinery Release Site (AP-116)
626 County Road 5500, Bloomfield, New Mexico
Recommendations Approval**

Dear Mr. Moss:

The New Mexico Oil Conservation Division (OCD) has received Thriftway's report (including proposed "Recommendations and Scheduled Site Activities") for the above-referenced site (dated April 15, 2013). The above-referenced report, submitted in partial fulfillment of 19.15.30 NMAC, indicates that Thriftway has partially met the requirements of 19.15.30 NMAC for this site. Therefore, the OCD hereby conditionally approves the proposed Recommendations for the Thriftway Bloomfield Refinery Release Site:

Thriftway must submit to the OCD a schedule for the MPE Remediation System (i.e., Engine #1 and / or Engine #2) reactivation by **Monday, May 20, 2013**.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, December 11, 2012 3:50 PM
To: 'Robert Moss' (robertgmoss@me.com)
Cc: Powell, Brandon, EMNRD; Beth McNally (emcnally@animasenvironmental.com); Ross Kennermer (rkennermer@animasenvironmental.com)
Subject: GW Mon. System Plan Amendment Approval for TW-53 & TW-54 (AP-116) - Thriftway Bloomfield Refinery Release Site

**RE: Groundwater Monitoring System Plan Amendment Approval
for the Thriftway Company's
Thriftway Bloomfield Refinery Release Site (AP-116)
626 County Road 5500, Bloomfield, San Juan County, New Mexico**

Dear Mr. Moss:

The New Mexico Oil Conservation Division (OCD) has received the Groundwater Monitoring System Plan Amendment for the above-referenced site, dated December 6, 2012, (including as amended December 11, 2012) and has conducted a review of the plan amendment. The plan amendment substantially meets the requirements of 19.15.30 NMAC. Therefore, the OCD hereby approves the plan amendment subject to the following conditions:

Thriftway must submit to the OCD an installation report for "TW-53" and "TW-54". Thriftway must sample on at least an annual basis for MTBE in the new wells. The installation report and first analytical results for the new wells must be reported to the OCD by the 1st Quarter Remedial Progress Report of 2013.

Please be advised that OCD approval of this amendment does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

Hansen, Edward J., EMNRD

From: Elizabeth McNally <emcnally@animasenvironmental.com>
Sent: Tuesday, December 11, 2012 11:41 AM
To: Hansen, Edward J., EMNRD
Cc: 'Ross Kennemer'
Subject: FW: TW 810
Attachments: Proposed TW-53 and TW-54 Figure.pdf

Hi Ed,

Please review this figure with the adjusted well locations. Is this what you had in mind? Corwin took off the previously proposed map locations so you can't see how they were moved. Please give me or Ross a call with any questions...have a good afternoon,
Beth

Elizabeth McNally, P.E.
Animas Environmental Services, LLC
624 E. Comanche
Farmington, NM 87401
Office (505) 564-2281

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From: Corwin Lameman [<mailto:clameman@animasenvironmental.com>]
Sent: Tuesday, December 11, 2012 8:33 AM
To: 'Elizabeth McNally'
Subject: TW 810

I have updated the proposed figure TW-53 and TW-54. It is attached.

Corwin Lameman
Animas Environmental Services, LLC.
624 E. Comanche St.
Farmington, NM 87401
Phone: (505) 564-2281
Fax: (505) 324-2022

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FIGURE 1

PROPOSED WELL INSTALLATION
 THRIFTWAY REFINERY
 626 ROAD 5500
 BLOOMFIELD, NEW MEXICO



Airtrix Environmental Services, LLC

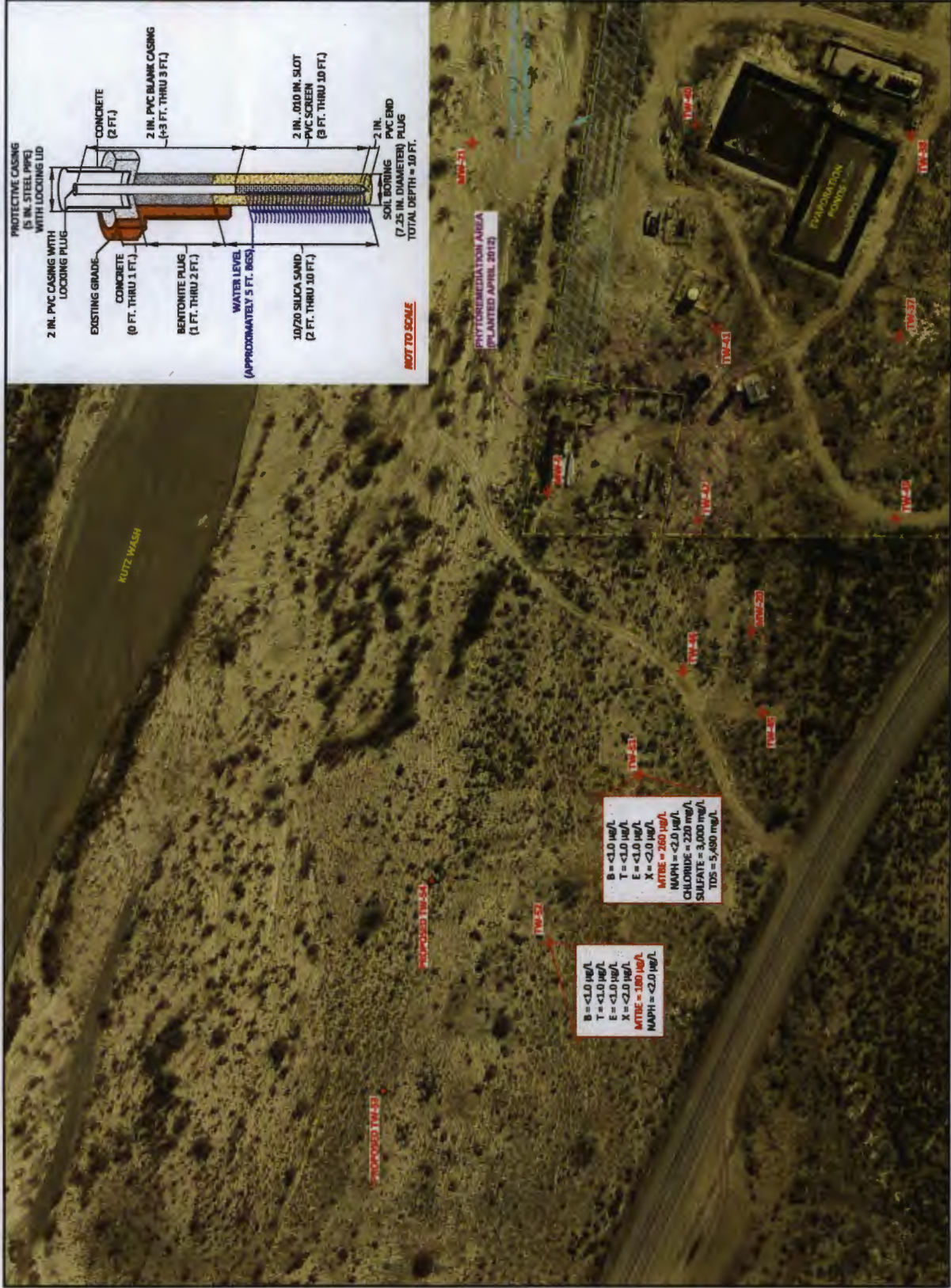
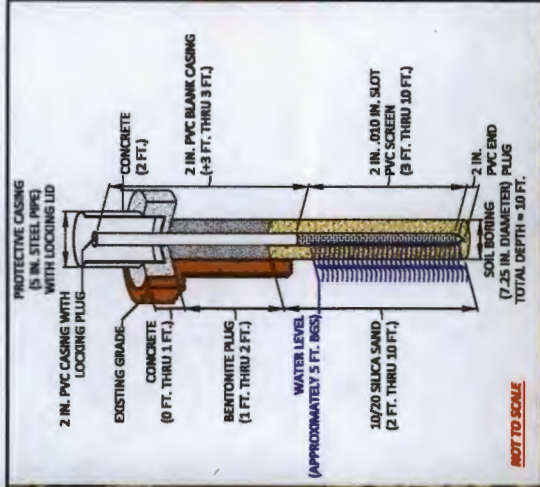
DRAWN BY: C. Lammiman	DATE DRAWN: November 14, 2012
REVISIONS BY: C. Lammiman	DATE REVISED: November 14, 2012
CHECKED BY: E. McNulty	DATE CHECKED: November 14, 2012
APPROVED BY: E. McNulty	DATE APPROVED: November 14, 2012

LEGEND

- MONITOR WELL LOCATIONS
- PROPOSED MONITOR WELL LOCATIONS
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X XYLENE
- MTBE METHYL-T-BUTYL ETHER
- NAPH TOTAL NAPHTHALENE
- TDS TOTAL DISSOLVED SOLIDS
- < ANALYTE NOT DETECTED ABOVE LISTED METHOD LIMIT

NOTE: TW-51 WAS COLLECTED ON JULY 18, 2012 AND TW-52 WAS COLLECTED ON OCTOBER 18, 2012. SAMPLES ANALYZED PER EPA METHOD 8250B, 300.0, AND SM-2540C. ANALYTICAL RESULTS REPORTED AS $\mu\text{g/L}$ (mg/L $\times 1000$).

AERIAL SOURCE: © 2012, PICTOMETRY INTERNATIONAL CORP. ONLINE AERIAL DATE: MARCH 12, 2011.



B = <1.0 $\mu\text{g/L}$
 T = <1.0 $\mu\text{g/L}$
 E = <1.0 $\mu\text{g/L}$
 X = <1.0 $\mu\text{g/L}$
 MTBE = 180 $\mu\text{g/L}$
 NAPH = <2.0 $\mu\text{g/L}$

B = <1.0 $\mu\text{g/L}$
 T = <1.0 $\mu\text{g/L}$
 E = <1.0 $\mu\text{g/L}$
 X = <1.0 $\mu\text{g/L}$
 MTBE = 250 $\mu\text{g/L}$
 NAPH = <2.0 $\mu\text{g/L}$
 CHLORIDE = 220 mg/L
 SULFATE = 3,000 mg/L
 TDS = 5,400 mg/L

Hansen, Edward J., EMNRD

From: Elizabeth McNally <emcnally@animasenvironmental.com>
Sent: Thursday, December 06, 2012 11:38 AM
To: Hansen, Edward J., EMNRD
Cc: 'Robert Moss'; 'Ross Kennemer'; 'Deborah Watson'; 'Mike Beuparlant'
Subject: RE: Groundwater Monitoring System Plan Amendment Approval (AP-116) - Thriftway Bloomfield Refinery Release Site
Attachments: Thriftway 810 Proposed TW-53 and TW-54 Figure.pdf

Hello Ed,

Attached please find an aerial map showing the locations of two additionally proposed monitor wells that Thriftway would like to install downgradient of TW-52 (the most recently installed well). We feel that two wells will be needed to define the downgradient edge of dissolved phase MTBE. Please take a look at the proposed locations and don't hesitate to contact me or Ross Kennemer with any questions.

Thanks and have a good afternoon,
Beth

Elizabeth McNally, P.E.
Animas Environmental Services, LLC
624 E. Comanche
Farmington, NM 87401
Office (505) 564-2281

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From: Hansen, Edward J., EMNRD [<mailto:edwardj.hansen@state.nm.us>]
Sent: Monday, September 10, 2012 10:28 AM
To: 'Robert Moss' (robertgmoss@me.com)
Cc: Powell, Brandon, EMNRD; Beth McNally (emcnally@animasenvironmental.com); Ross Kennemer (rkennemer@animasenvironmental.com)
Subject: Groundwater Monitoring System Plan Amendment Approval (AP-116) - Thriftway Bloomfield Refinery Release Site

**RE: Groundwater Monitoring System Plan Amendment Approval
for the Thriftway's
Thriftway Bloomfield Refinery Release Site (AP-116)
626 County Road 5500, Bloomfield, San Juan County, New Mexico**

Dear Mr. Moss:

The New Mexico Oil Conservation Division (OCD) has received the Groundwater Monitoring System Plan Amendment for the above-referenced site, dated September 7, 2012, and has conducted a review of the plan amendment. The plan amendment substantially meets the requirements of 19.15.30 NMAC. Therefore, the OCD hereby approves the plan amendment subject to the following conditions:

Thriftway must submit to the OCD an installation report for "TW-52". Thriftway must sample on at least an annual basis for MTBE in the new well. The installation report and first analytical results for the new well must be reported to the OCD by the 4th Quarter Remedial Progress Report of 2012.

Please be advised that OCD approval of this amendment does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

No virus found in this message.

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Version: 2012.0.2197 / Virus Database: 2437/5254 - Release Date: 09/07/12

Hansen, Edward J., EMNRD

From: Ross Kennemer <rkennemer@animasenvironmental.com>
Sent: Friday, September 07, 2012 2:30 PM
To: Hansen, Edward J., EMNRD
Subject: RE: "new" gw mon well (TW-52) at Thriftway Refinery

Ed, TW-52 will be installed 220 ft northwest of TW-51 during the week of September 24, 2012.

Thank you,

Ross

From: Hansen, Edward J., EMNRD [<mailto:edwardj.hansen@state.nm.us>]
Sent: Tuesday, September 04, 2012 1:31 PM
To: Ross Kennemer (rkennemer@animasenvironmental.com)
Subject: "new" gw mon well (TW-52) at Thriftway Refinery

Ross,

Please send an email regarding the "new" proposed location (i.e., ~100' W of current proposed location or ~220' NW of TW-51) for TW-52.

Thanks,
Edward J. Hansen
Hydrologist
Environmental Bureau
505-476-
3489

No virus found in this message.

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Version: 2012.0.2197 / Virus Database: 2437/5251 - Release Date: 09/05/12

Hansen, Edward J., EMNRD

From: Elizabeth McNally <emcnally@animasenvironmental.com>
Sent: Friday, August 17, 2012 12:49 PM
To: Hansen, Edward J., EMNRD
Cc: 'Robert Moss'; 'Ross Kennemer'; 'Deborah Watson'; 'Mike Beauparlant'
Subject: RE: Recommendations Approval (GW-55) 1st Quarter 2012 - Thriftway Bloomfield Refinery Release Site
Attachments: Figure Proposed TW-52.pdf

Hello Ed,

We talked on the phone the other day about the downgradient well that Thriftway installed in July 2012 at the Thriftway Bloomfield Refinery. I inadvertently forgot to confirm the location of the well with NMOCDC prior to well installation. The new well (TW-51) was sampled and showed 260 µg/L MTBE. Therefore, Thriftway plans to install another downgradient well (Proposed TW-52) in an effort to define dissolved phase MTBE. See the attached figure for location of TW-51 and proposed TW-52. Please do not hesitate to contact me or Ross Kennemer with any questions. If the location of proposed TW-52 is acceptable, please let us know and we will schedule the work.

Thanks, and have a good weekend,
Beth

Elizabeth McNally, P.E.
Animas Environmental Services, LLC
624 E. Comanche
Farmington, NM 87401
Office (505) 564-2281

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From: Hansen, Edward J., EMNRD [<mailto:edwardj.hansen@state.nm.us>]
Sent: Tuesday, August 14, 2012 11:41 AM
To: 'Robert Moss'
Cc: Powell, Brandon, EMNRD; Ross Kennemer; Beth McNally
Subject: Recommendations Approval (GW-55) 1st Quarter 2012 - Thriftway Bloomfield Refinery Release Site

**RE: 1st Quarter Remedial Progress Report (2012) for the Thriftway's
Bloomfield Refinery Release Site (GW-55)
626 County Road 5500, Bloomfield, New Mexico
Recommendations Approval**

Dear Mr. Moss:

The New Mexico Oil Conservation Division (OCD) has received Thriftway's report (including proposed "Recommendations and Scheduled Site Activities") for the above-referenced site (dated June 6, 2012). The above-referenced report, submitted in partial fulfillment of 20.6.2 NMAC (WQCC Rules), indicates that Thriftway has partially met the requirements of 20.6.2 NMAC for this site. Therefore, the OCD hereby conditionally approves the proposed Recommendations for the Thriftway Bloomfield Refinery Release Site:

Thriftway must install an additional groundwater monitoring well downgradient of TW-45 (e.g., approximately 200 feet to the WNW / NW) and sample on at least an annual basis for MTBE in the new well. The location of the new well must be approved by OCD prior to installation. The first analytical results for the new well must be reported to the OCD in the 3rd Quarter Remedial Progress Report of 2012. The "Recommendations" indicate that this "new" well was tentatively scheduled to be installed in July of this year. The OCD has yet to receive a location approval request. **Please submit to the OCD a location approval request for the above-reference well within 30 days.**

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

No virus found in this message.

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Version: 2012.0.2196 / Virus Database: 2437/5200 - Release Date: 08/14/12

