

GW-130

Questionnaire

DATE:

07.2011

GW-130

July 13, 2011

SCANNED

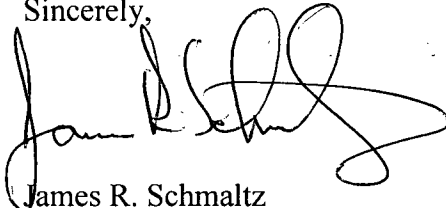
Jami Bailey, Division Director
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Dear Ms. Bailey;

Please find enclosed the Oil & Gas Facilities Questionnaire for Determination of a WQCC Discharge Permit submitted by Western Refining Southwest, Inc. for the Bloomfield Refinery (1SEC. 27 T29N R11W) Disposal Well #1 and for the Former Bloomfield Refinery (NW/4 of S27 & SW/4 of S22, T29N, R12W) Ground Water Remediation System.

If you should have any questions or require additional information, please do not hesitate to contact me at 505-632-4171 or Randy.Schmaltz@wnr.com.

Sincerely,



James R. Schmaltz
Health, Safety, Environmental & Regulatory Director
Western Refining Southwest, Inc.

111 County Road 4990
Bloomfield, NM 87413

cc: Allen Haines, WNR

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New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John H. Bemis
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division



May 12, 2011

Oil & Gas Facilities Questionnaire for Determination of a WQCC Discharge Permit

Only Water Quality Control Commission- regulated systems will be incorporated into the OCD's WQCC Permits, while OCD regulated systems will be handled under separate permit(s). A current discharge permit is valid until its normal expiration date or November 15, 2012, whichever is later. All facilities with processes subject to the Water Quality Act must have permits in place by November 16, 2012. H2S Contingency Plans; pits, ponds, above and/or below-grade tanks; waste treatment, storage and disposal; and landfarms and landfills may require separate permitting under the OCD Oil, Gas, and Geothermal regulations.

*Proper completion and timely submission of this questionnaire is requested for all facilities with discharge permit expiration dates before November 15, 2012. Please complete and submit a separate questionnaire for each facility **before July 15, 2011.***

• **Name of the owner or operator of the facility**

San Juan Refining Company, as owner, and Western Refining Southwest, Inc., as operator.

• **Point of contact**

Name Vic McDaniel
Telephone (505) 632-4146
Email vic.mcdaniel@wnr.com
Mailing address P.O. Box 159 Bloomfield, New Mexico 87413

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• **Facility name** Disposal Well #1- Bloomfield Refinery

• **Facility location**

Unit Letter, Section, Township, Range I Section 27, T29N, R11W
Street address (if any) _____

- **Facility type**
- | | | |
|---|--|--|
| <input type="checkbox"/> Refinery | <input type="checkbox"/> Gas Plant | <input type="checkbox"/> Compressor |
| <input type="checkbox"/> Crude Oil Pump Station | <input checked="" type="checkbox"/> Injection Well | <input type="checkbox"/> Service Company |
| <input type="checkbox"/> Geothermal | <input type="checkbox"/> Abatement | |
| <input type="checkbox"/> Other (describe) _____ | | |

• **Current and Past Operations** (please check all that apply)

- | | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> Impoundments | <input type="checkbox"/> Treatment Plant | <input type="checkbox"/> Waterflood |
| <input checked="" type="checkbox"/> Disposal Well | <input type="checkbox"/> Brine Well | <input type="checkbox"/> Wash Bay |

☐ Steam Cleaning

☐ Groundwater Remediation

• **Facility Status** ☒ Active ☐ Idle ☐ Closed

• **Does this facility currently have a discharge permit?** ☒ Yes ☐ No

If so, what is the permit number? UICI-009 (GW-130)

• **Are there any routine activities at the facility which intentionally result in materials other than potable water being released either onto the ground or directly into surface or ground water?**

(This includes process activities, equipment maintenance, or the cleanup of historic spills.)

☐ Yes ☒ No

If so, describe those activities including the materials involved, the frequency of discharge, and the estimated volume per discharge event.

• **What is the depth below surface to shallowest ground water in the area?** 25 feet

• **Are there any water supply, groundwater monitoring, or recovery wells at the facility?**

Water supply ☐ Monitoring ☐ Recovery ☐

If these wells are registered with the Office of the State Engineer (OSE), what are the OSE well numbers? _____

• **Are abatement actions ongoing?** _____

• **Are there any active or inactive UIC wells present as part of the federal Underground Injection Control program associated with this facility?** ☒ Yes ☐ No

If so, what are the API numbers assigned to those wells?

30-045-29002-00

• **Are there any sumps at the facility?** ☐ Yes ☒ No

Number of sumps with volume less than 500 gallons _____

Use and contents _____

Is secondary containment incorporated into the design? ☐ Yes ☐ No

Number of sumps with volume greater than 500 gallons _____

Use and contents _____

Is secondary containment incorporated into the design? ☐ Yes ☐ No

- Does the facility incorporate any underground lines other than electrical conduits, freshwater, natural gas for heating, or sanitary sewers? ☐ Yes ☒ No
If so, what do those buried lines contain?
-
-

THIS FORM IS DUE TO THE OIL CONSERVATION DIVISION BY JULY 15, 2011.

Questions? Please contact Glenn VonGonten at 505-476-3488 or Carl Chavez at 505-476-3490.

Thank you for your cooperation.

Jami Bailey
Director



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July 13 2011

Refinery WQCC Discharge Permit List of Possible Concerns/Issues

- 1) WQCC "Refinery vs. Abatement/Remediation" Discharge Permit?
- 2) What will be handled under a WQCC Inspection?
- 3) Permit language associated with inspections/MITs of Above-Grade Tanks (AGT) w/ berm requirements?
- 4) Permit language associated with liquid waste management?
- 5) EPA Compliance Orders?
- 6) NMED- HWB RCRA Requirements?
- 7) Agency FWGWMP approval and reference in DP? Need one at GW-014 and could require in new DP.
- 8) Permit language associated with MIT of process lines?
- 9) Permit language associated with Evaporation Ponds and checking LDS?
- 10) Previous permit and/or inspection items carried over into new DP? Only WQCC related requirements right?
- 11) Product pipelines on refinery property?
- 12) Permit language for Waste Water Treatment Systems?
- 13) Permit language for flare-stack fire issues and requirements?
- 14) Permit language for "Fires//Explosions" to be handled as major releases?
- 15) OCD C-141 Form must be replaced, since it is an O&G Regulations form right?
- 16) Don't forget to capture WQCC Stormwater run-on and run-off provisions in permit.
- 17) Don't forget to capture sanitary effluent mixed with treatment process provisions in permit.
- 18) Multiple discharges should be captured, i.e., RO Reject discharge to farm field at Navajo's Artesia Refinery.
- 19) Inspections may require simultaneous WQCC and Oil & Gas Inspection for C&E under different regulations, i.e., inspect evaporation pond secondary containment LDS while conducting inspection. Ok.
- 20)

