

AP-51

**Caribou Refinery
GENERAL
CORRESPONDENCE**

From: [Chavez, Carl J. EMNRD](#)
To: [Jayroe, Jason](#)
Subject: Maverick Country Stores (AP-51) Former Caribou Refinery 2019 Groundwater Report
Date: Thursday, November 5, 2020 4:07:00 PM
Attachments: [image001.png](#)

Jason,

Good afternoon.

The New Mexico Oil Conservation Division (OCD) is in receipt of the 2019 Annual GW Monitoring Report.

OCD has reviewed the report and updated the administrative record. You may recall OCD was unable to update the admin. record because an OGRID was required. This may still be the case; however, until further notice, OCD will work to update the [AP-51](#) admin. record with historical documents received to date where OCD had unable to store in the OCD Admin. Record.

While performing a string search under the admin. order search engine, the following options appeared. I hope to communicate with you on these records soon.

Order Number	County	Entity	Operator	Order Date	API Number(s)
3RP-77	San Juan	CARIBOU REFINERY	Operator Registration Needed	9/5/1986	
AP-51	San Juan	CARIBOU REFINERY	Operator Registration Needed	9/12/2005	
AP-40	San Juan	Bob & Blanche No. 1 Tank Battery	RICHARDSON OPERATING CO	7/25/2005	
GW-45	San Juan	KUTZ GAS PLANT	WILLAMS FOUR CORNERS, LLC	4/18/1988	
RECR-27	San Juan	Jackson Water Well	Oil Conservation Division - Santa Fe Office		

Thank you for the notification on the upcoming sampling event.

Please contact me if you have questions.

Thanks again.

Mr. Carl J. Chavez, CHMM (#13099)
New Mexico Oil Conservation Division (Albuquerque Office)
Energy Minerals and Natural Resources Department
5200 Oakland Avenue, NE
Albuquerque, New Mexico 87113
Ph. (505) 660-7923
E-mail: CarlJ.Chavez@state.nm.us
“Why not prevent pollution, minimize waste to reduce operating costs, reuse or recycle, and move forward with the rest of the Nation?” (To see how, go to: <http://www.emnrd.state.nm.us/OCD> and see “Publications”)

From: Jayroe, Jason <JJayroe@trccompanies.com>
Sent: Thursday, November 5, 2020 1:38 PM
To: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Subject: [EXT] Former Caribou Refinery 2019 Groundwater Report

Carl-

Gearing up to sample this site next month for 2020. The 2019 report is attached. Please disregard if I've sent this twice.

Thank you.

Jason Jayroe
Senior Geologist



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Owner Contact Information:

March 5, 2020

Mr. Mamun Rashid
mamun.rashid@maverik.com
Maverik Country Stores, Inc.
Environmental Director
800 West Center Street
North Salt Lake, UT 84054-2913



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

January 26, 2006

Mr. Dennis Riding
Environmental Director
Maverik Country Stores, Inc.
800 West Center Street
North Salt Lake, UT 84054-2913

**RE: STAGE 1 ABATEMENT PLAN - MAVERIK (CARIBOU) FORMER REFINERY -
KIRTLAND, NEW MEXICO (AP051)
SECTION 19, TOWNSHIP 29 NORTH, RANGE 14 EAST
SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. Riding:

The New Mexico Oil Conservation Division (OCD) has completed its technical review of the *Stage 1 Abatement Plan, Maverik (Caribou) Former Refinery, Kirtland, New Mexico* submitted on November 11, 2005, by Maverik Country Stores, Inc. (Maverik). On December 5, 2005, OCD determined that Maverik's proposed Stage 1 Abatement Plan was administratively complete. In accordance with 20.6.2.4108 NMAC (PUBLIC NOTICE AND PARTICIPATION), OCD provided notice to the public of Maverik's submittal of its Stage 1 Abatement Plan in the Farmington Daily Times and the Santa Fe New Mexican on December 15, 2005. OCD also provided notice to the New Mexico Trustee for Natural Resources and the Navaho Nation.

No comments were received on the Stage 1 Abatement Plan proposal; therefore, OCD approves Maverik's Stage 1 Abatement Plan with the following conditions:

1. Maverik shall request permission to sample and analyze all water wells located downgradient of the site or the irrigation ditches regardless of whether those wells are active.
2. Maverik shall implement the slurry wall integrity demonstration (see Section 3.4) regardless of the results of the ground water investigation. Because Maverik elected to leave

grossly contaminated soils in place, it is appropriate for it to determine the integrity of the slurry wall at this time.

3. Maverik shall submit two paper copies and one electronic copy of its Stage 1 final report to the OCD Santa Fe Office within 45 days of its receipt of analytical data with a paper copy provided to the OCD Aztec District Office. Maverik's Stage 1 final report shall include:

- a. A complete summary of the investigation activities, conclusions, and recommendations;
- b. Monitoring and private water well construction summary (Table 1 may be revised to reflect any new information and to include the private water well information);
- c. A map showing the location of all water wells within one mile of the site;
- d. A ground water elevation map showing monitor wells, piezometers, private water wells, irrigation ditches, slurry wall, and any other pertinent site features;
- e. Summary tables of all ground water quality sampling results and copies of all laboratory analytical data sheets and associated QA/QC data;
- f. The disposition of all wastes generated;
- g. An isopleth map for BTEX, 1,2-dichloroethane, and any other appropriate constituents of concern;
- h. An appropriate number of detailed cross-sections depicting, at a minimum: the lithology; depth to ground water; ground water sample analytical results for BTEX, 1,2-dichloroethane, location of the slurry wall, location of ditches, and any other appropriate constituents of concern,
- i. A site conceptual model that identifies the source or sources and the known extent of the soil and ground water hydrocarbon contamination, both horizontally and vertically.

4. Based on all available information, Maverik shall also include a detailed phase 2 work plan for a revised ground water monitoring program, an irrigation ditch field survey (see Section 3.2), and additional soil borings, if it cannot define the extent of soil and ground water contamination with its Stage 1 report. Maverik's phase 2 work plan must also address what additional information it must obtain before it can propose a Stage 2 Abatement Plan to remove any remaining contaminated soil and to remediate ground water.

5. If Maverik has determined the extent of the contamination in the soil and ground water and has obtained all the information needed for it to propose a final remediation work plan, then it shall submit a Stage 2 Abatement Plan in lieu of a phase 2 work plan.

Mr. Dennis Riding
January 26, 2006
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OCD's approval does not relieve Maverik of any responsibilities if its Stage 1 Abatement Plan fails to adequately determine the extent of contamination. In addition, OCD's approval does not relieve Maverik of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please call Glenn von Gonten at 505-476-3488.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger C. Anderson", with a long horizontal flourish extending to the right.

Roger C. Anderson
Environmental Bureau Chief

xc: Denny Foust, OCD Aztec District Office