

## Chavez, Carl J, EMNRD

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**From:** Chavez, Carl J, EMNRD  
**Sent:** Thursday, March 16, 2017 8:42 AM  
**To:** 'Dade, Lewis (Randy)'; Griswold, Jim, EMNRD; O'Brien, Robert (Bob) K.; Holder, Mike; McWatters, Denise  
**Cc:** Marks, Allison, EMNRD; Brancard, Bill, EMNRD  
**Subject:** ACO WQA-OCD-CO-2015-002 RO Reject Water Discharge Monthly Report for February 2017

Randy:

The New Mexico Oil Conservation Division (OCD) has completed its review of the above subject report and finds the Permittee to be in compliance.

Please contact me if you have questions. Thank you.

Mr. Carl J. Chavez, CHMM (#13099)  
New Mexico Oil Conservation Division  
Energy Minerals and Natural Resources Department  
1220 South St Francis Drive  
Santa Fe, New Mexico 87505  
Ph. (505) 476-3490  
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”)

-----Original Message-----

From: Dade, Lewis (Randy) [mailto:Lewis.Dade@HollyFrontier.com]  
Sent: Wednesday, March 15, 2017 11:22 AM  
To: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>; O'Brien, Robert (Bob) K. <Robert.O'Brien@HollyFrontier.com>; Holder, Mike <Michael.Holder@hollyfrontier.com>; McWatters, Denise <Denise.McWatters@HollyFrontier.com>  
Cc: Marks, Allison, EMNRD <AllisonR.Marks@state.nm.us>; Brancard, Bill, EMNRD <bill.brancard@state.nm.us>; Dade, Lewis (Randy) <Lewis.Dade@HollyFrontier.com>  
Subject: Emailing: 2017-03-15 GW-028 Monthly Report

Please see attached the 2017-03-15 GW-028 Monthly Report.

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.  
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March 15, 2017

Submitted electronically via email to jim.griswold@state.nm.us and carlj.chavez@state.nm.us

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

**RE: Discharge Permit GW-028  
Monthly Report – February 2017 Reporting Period**

Dear Sirs:

In accordance with Condition 4.B.7 of Discharge Permit GW-028 (the Permit), the HollyFrontier Navajo Refining LLC (Navajo), Artesia, New Mexico, Refinery (the Refinery) hereby submits the required monthly report to the New Mexico Energy, Minerals, and Natural Resources Department, Oil Conservation Division (OCD). This letter and all attachments provided herein constitute Navajo's monthly report, for the period of February 1-28, 2017, under the Permit.

This report includes the following data and information as required by Condition 4.B.7:

- Daily discharge flow measurements for each reverse osmosis (RO) unit, which were collected as required by Condition 4.B.4.

Flow rates, volumes, and discharge locations for the RO reject fluid are monitored from the three permanent RO units on a daily basis. Daily discharge rates and volumes are provided in Attachment 1 as specified in the Permit. Additionally, the monthly total is also included.

Navajo is committed to proactively meeting the requirements of the Permit and working cooperatively with OCD. If you have any questions or comments, please contact me at 575-746-5487.

Sincerely,



Scott M. Denton  
Environmental Manager

Enclosures:

Attachment 1: Daily Discharge Flowrates and Volumes

cc. HFC: D. McWatters, R. O'Brien, M. Holder  
OCD: A. Marks, B. Brancard

Attachment 1  
Daily Discharge Flowrates and Volumes

**Daily RO Reject Discharge Flow Rate Measurements  
and Calculated Daily Discharge**

|                           | Permanent RO Units |       |        |   | Daily Discharge Volume |
|---------------------------|--------------------|-------|--------|---|------------------------|
|                           | Metered Data       |       |        | Combined RO Reject Discharge (Calculated) | BBL/DAY                |
|                           | GPM                | GPM   | GPM    | GPM                                       |                        |
|                           | SOUTH              | NORTH | MIDDLE |   |                        |
| 2/1/2017                  | 128.97             | 25.26 | 131.54 | 285.77                                    | 9,797.83               |
| 2/2/2017                  | 130.92             | 38.72 | 133.04 | 302.68                                    | 10,377.60              |
| 2/3/2017                  | 132.16             | 37.22 | 134.00 | 303.38                                    | 10,401.60              |
| 2/4/2017                  | 131.56             | 35.51 | 133.79 | 300.86                                    | 10,315.20              |
| 2/5/2017                  | 131.62             | 38.34 | 133.72 | 303.68                                    | 10,411.89              |
| 2/6/2017                  | 131.41             | 40.62 | 133.38 | 305.41                                    | 10,471.20              |
| 2/7/2017                  | 131.35             | 40.82 | 133.37 | 305.54                                    | 10,475.66              |
| 2/8/2017                  | 131.31             | 41.13 | 133.21 | 305.65                                    | 10,479.43              |
| 2/9/2017                  | 134.20             | 44.22 | 133.25 | 311.67                                    | 10,685.83              |
| 2/10/2017                 | 137.35             | 42.49 | 132.84 | 312.68                                    | 10,720.46              |
| 2/11/2017                 | 136.69             | 41.79 | 132.36 | 310.84                                    | 10,657.37              |
| 2/12/2017                 | 136.04             | 41.59 | 129.25 | 306.88                                    | 10,521.60              |
| 2/13/2017                 | 133.06             | 39.47 | 125.82 | 298.35                                    | 10,229.14              |
| 2/14/2017                 | 130.93             | 39.47 | 120.26 | 290.66                                    | 9,965.49               |
| 2/15/2017                 | 128.60             | 49.12 | 117.45 | 295.17                                    | 10,120.11              |
| 2/16/2017                 | 126.95             | 50.17 | 117.72 | 294.84                                    | 10,108.80              |
| 2/17/2017                 | 126.12             | 49.54 | 48.41  | 224.07                                    | 7,682.40               |
| 2/18/2017                 | 125.88             | 50.41 | 138.53 | 314.82                                    | 10,793.83              |
| 2/19/2017                 | 126.48             | 54.54 | 167.71 | 348.73                                    | 11,956.46              |
| 2/20/2017                 | 126.10             | 60.34 | 169.28 | 355.72                                    | 12,196.11              |
| 2/21/2017                 | 123.65             | 60.78 | 168.48 | 352.91                                    | 12,099.77              |
| 2/22/2017                 | 122.47             | 60.04 | 167.91 | 350.42                                    | 12,014.40              |
| 2/23/2017                 | 121.64             | 57.47 | 167.37 | 346.48                                    | 11,879.31              |
| 2/24/2017                 | 121.93             | 58.37 | 168.24 | 348.54                                    | 11,949.94              |
| 2/25/2017                 | 122.70             | 57.91 | 168.33 | 348.94                                    | 11,963.66              |
| 2/26/2017                 | 124.18             | 60.68 | 168.92 | 353.78                                    | 12,129.60              |
| 2/27/2017                 | 19.11              | 61.26 | 168.78 | 249.15                                    | 8,542.29               |
| 2/28/2017                 | 0.00               | 64.81 | 144.31 | 209.12                                    | 7,169.83               |
| <b>TOTAL (bbls/month)</b> |                    |       |        |   | <b>296,116.80</b>      |