

UIC - I - __8-1__

C-141s

Chukka

Well No. 2

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, December 07, 2010 6:27 AM
To: Moore, Darrell; 'Lackey, Johnny'
Cc: Dade, Randy, EMNRD; VonGonten, Glenn, EMNRD; 'Strange, Aaron'
Subject: Effluent Line Design Work Plan Submittal Date Request

Darrell and Johnny:

Good morning. The OCD continues to notice problems with leakage at various locations along the effluent line to the UIC Class I (NH) Wells. Navajo Refining Company (NRC) should provide GPS coordinates for all releases on the C-141 form.

OCD hereby requests the official submittal date to the OCD for the effluent line design work plan that NRC has indicated it wants to replace my March of 2011.

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/oed/index.htm>
(Pollution Prevention Guidance is under "Publications")

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, June 08, 2010 6:23 AM
To: 'Lackey, Johnny'
Cc: VonGonten, Glenn, EMNRD
Subject: C-141 Recent Waste Water Filter Fires at Refinery & Now UIC Class I (NH) Disposal Wells.

Re:

| | | | | | | |
|--|------|------|---------|--|-------------|---|
| UIC Injection Well Filters at Roll-Off Bins @ Chuka & Mewbourn Class I (NH) Disposal Wells | Fire | None | Unknown | One fire out at time of call w/ other fire being addressed | 6/4/10 0:00 | Followup to determine disposal flt would ignite under STP |
| Filters in Roll-Off Bins at Artesia Refinery | Fire | None | Unknown | Extinguished in few minutes | 6/6/10 0:00 | Followup to determine waste water would ignite under STP |

Johnny:

Good morning. These roll-off bin waste water filter fires have been reoccurring at the refinery and now showing up at the disposal wells. Could you please review the analytical from UIC disposal fluid and let me know what chemical you think may be reacting at STP with filters to auto-ignite or what is causing this so Navajo can implement CA?

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
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(Pollution Prevention Guidance is under "Publications")

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|---|-----------------------------------|
| Name of Company: Navajo Refining Co. LLC | Contact: Aaron Strange |
| Address: 501 E. Main Street Artesia, N.M. 88210 | Telephone No. 575-748-3311 |
| Facility Name: Artesia Refinery | Facility Type: Petroleum Refinery |

| | | |
|---------------|---------------|-----------|
| Surface Owner | Mineral Owner | Lease No. |
|---------------|---------------|-----------|

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | |
|--|--|--|
| Type of Release: Fire (Iron Sulfide) | Volume of Release: NA | Volume Recovered: NA |
| Source of Release: Used filters from filter pots at Waste Water Injection Wells. | Date and Hour of Occurrence: 06/04/2010 ~ 13:00 | Date and Hour of Discovery: 06/04/2010 ~ 14:00 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Left voicemail with Carl Chavez (Santa Fe OCD @ 505-476-3490). Left voicemail with Artesia OCD (575-748-1283). Left voicemail with Hope Monzeglio (NMED Haz Waste Bureau @ 505-476-6000). | |
| By Whom? Aaron Strange | Date and Hour: 06/04/2010 at ~13:50 to Carl Chavez (Santa Fe OCD), 06/04/2010 at ~13:53 to Artesia OCD, and 06/04/2010 at ~13:57 to Hope Monzeglio (NMED Haz Waste Bureau). | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. NA | |

If a Watercourse was Impacted, Describe Fully.*
NA

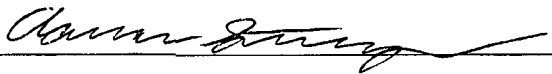
Describe Cause of Problem and Remedial Action Taken.*

On 06/04/2010 at ~ 13:10, two roll-off bins containing used filters from the filter pots at the Waste Water Injection Wells caught on fire. The filters (containing Iron Sulfide) dried out and ignited in the ~100°F weather. The Navajo fire team responded to the fires and extinguished them with water and dry chemical. The iron sulfide is new to this waste. Navajo has never seen this before. We are investigating to see if any process changes can account for the iron sulfide in this stream.

Describe Area Affected and Cleanup Action Taken.*

The areas affected were the roll-off bins located at the Mewbourn and Chukka Injection Wells. The bins were on concrete containments next to the injection wells. The paint and tarps on the bins were damaged by the fire. No one was injured. No cleanup was needed.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | |
|--|----------------------------------|-----------------------------------|
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: Aaron Strange | Approved by District Supervisor: | |
| Title: Sr. Environmental Technician | Approval Date: | Expiration Date: |
| E-mail Address: aaron.strange@hollycorp.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 06/07/2010 | Phone: 575-703-5057 | |

* Attach Additional Sheets If Necessary