From: Rob Johnston

To: Jones, Kellie, EMNRD

Subject: Re: Red Hills SWD

**Date:** Friday, July 31, 2015 6:33:04 PM

#### Kellie.

I understand your thoughts on lining the collection points but I'm not sure it's possible. We will be washing across the lip of the sump and anything we have holding the liner in place will wash away and collapse the liner. The best way would be to simply treat the sump initially to prevent sodium binding and contamination. If you have a suggestion to keep the liner in place, I will certainly try it.

Thanks,

Rob Johnston R&A Technology 832-244-3811

On Jul 31, 2015, at 1:47 PM, Jones, Kellie, EMNRD < Kellie.Jones@state.nm.us > wrote:

Rob,

It was a pleasure meeting you this morning. Below are the conditions in regards to the proposed work at the Red Hills SWD.

- 1. Ensure initial samples are taken prior to work commencing. Samples will test for TPH, BTEX, and Chlorides. Vertical and horizontal delineation will be required.
- 2. Collection points for fluid must be lined. Initial and final samples will be required for all collection points.
- 3. After work has been completed, final sampling for TPH, BTEX, and Chlorides must be tested.
- 4. Ensure BLM and State Land Office (SLO) approves/concurs.

There is a possible historic release at the site that will need to be investigated.

We will be visiting the site Monday morning, if there are any changes please let us know.

If you have any questions, please feel free to contact me.

Thank you,

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
575-393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

## Please note:

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- -Photographic documentation is stipulated for all events involving liquids.

If you have any questions or concerns, and for notification, please contact me.

**From:** Rob Johnston [mailto:rmjohnstonii@mac.com]

**Sent:** Friday, July 31, 2015 6:52 AM

**To:** Zack Thomas

Cc: Jones, Kellie, EMNRD; Shelly Tucker

Subject: Re: 8 am meeting

## Kellie.

Here is the plan for the Mewbourne Red Hills SWD. I don't have a way to print the document. If you could print one that would be very helpful. We can also look at it on the computer. I will also have the pics on the computer. Thanks.

Rob Johnston President 832-244-3811

rmjohnstonii@mac.com

On Jul 31, 2015, at 4:45 AM, Zack Thomas <a href="mailto:zthomas@mewbourne.com">zthomas@mewbourne.com</a>> wrote:

Guys,

I'm not going to make the meeting at 8:00 am, I've got food poisoning

or something. Been up all night in the restroom ( sure you don't wanna know the details) lol, but yall proceed and let me know how it goes.. hopefully i will be in better shape by the afternoon so let me know how it goes. sorry

Sent from my iPhone

 From:
 Rob Johnston

 To:
 Jones, Kellie, EMNRD

 Cc:
 Zack Thomas

Subject: Application Update-Mewbourne Red Hills

Date: Monday, August 17, 2015 7:51:51 AM

Attachments: PastedGraphic-3.pdf

#### Kellie.

Everything went well with the initial application of DeSalt. At this point they are continuing to flush and wash the soil. They added a sprinkler system for the area that is just below the pad to ensure that any remaining salts will be flushed and to provide water for any seeding that we may do in the next few weeks.

The only area that offers me any concerns is the Anadarco pad. We did not want to break the pad so we were getting minimal percolation. On one hand that was good because we were able to rinse more salts off the surface, on the other hand we are having to take our time getting water and DeSalt to move through the column. We may need an additional small treatment in the near future for that area.

Mewbourne through Diversity is keeping an eye on the entire area and are periodically checking the levels as they flush and water the soils. We are dealing with any areas that are still showing elevated levels. We are planning to check for elevated salts soon and may add some DeSalt treatments to any areas remaining elevated. I do not expect there to be many areas that remains high or that we will need more than small amounts of DeSalt in very targeted areas.

Thanks,

Rob Johnston President 832-244-3811

rmjohnstonii@mac.com

On Aug 14, 2015, at 1:34 PM, Jones, Kellie, EMNRD < Kellie.Jones@state.nm.us> wrote:

I was just checking in to the progress of the site.

Thanks,

Kellie Jones Environmental Specialist, District 1 Oil Conservation Division, EMNRD E-Mail: <u>kellie.jones@state.nm.us</u>

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

## Please note:

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- -Photographic documentation is stipulated for all events involving liquids.

If you have any questions or concerns, and for notification, please contact me.

From: Rob Johnston

To: Jones, Kellie, EMNRD

Subject: Re: Red Hills West SWD

**Date:** Friday, August 28, 2015 12:52:21 PM

**Attachments:** PastedGraphic-3.pdf

## Kellie.

I will let Zack update you on the actual numbers but we have see excellent results in the last 2 weeks. Approximately 80% drops. We could probably replant the non-pad areas and water them, getting complete regrowth before winter.

What BLM mix would you want planted there. I will talk to Zack and see if we can get something on the ground in the next 2 weeks.

Thanks,

Rob Johnston President 832-244-3811

rmjohnstonii@mac.com

On Aug 28, 2015, at 11:37 AM, Jones, Kellie, EMNRD < Kellie.Jones@state.nm.us> wrote:

Good morning.

I was just checking in with how the progress of the application processing at the site was occurring.

Thanks.

Kellie Jones Environmental Specialist, District 1 Oil Conservation Division, EMNRD 575-393-6161 ext. 111 575-370-3180 (emergency-cell) E-Mail: kellie.jones@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to

adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

# Please note:

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- -Photographic documentation is stipulated for all events involving liquids.

If you have any questions or concerns, and for notification, please contact me.

From: Groves, Amber

To: <u>Tucker, Shelly; Jones, Kellie, EMNRD</u>

Cc: Austin Weyant; Keyes, Jamie, EMNRD; Naranjo, Mark M.

Subject: RE: Red Hills West SWD

**Date:** Friday, November 13, 2015 7:46:19 AM

Attachments: ~WRD000.jpg

image001.png image003.png

Good Morning, Austin,

NMSLO concurs with conditional closures and agrees with the necessity of providing the field delineation data from the October soil bores. In addition, NMSLO would like to request a seeding plan for this site. If you have any questions, please feel free to contact me.

Thank you,

#### **Amber Groves**

Remediation Specialist Field Operations Division (575)392-3697 (575)263-3209 cell New Mexico State Land Office 2827 N. Dal Paso Suite 117 Hobbs, NM 88260

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**From:** Tucker, Shelly [mailto:stucker@blm.gov] **Sent:** Thursday, November 12, 2015 9:40 AM

To: Jones, Kellie, EMNRD < Kellie. Jones@state.nm.us>

**Cc:** Austin Weyant <austin.weyant@soudermiller.com>; Groves, Amber <agroves@slo.state.nm.us>;

Keyes, Jamie, EMNRD < Jamie. Keyes@state.nm.us>

Subject: Re: Red Hills West SWD

BLM concurs with the NMOCD stipulations and conditionally approves closure.

If you have any questions or concerns, please do not hesitate to contact me.

# Sincerely,

Shelly J Tucker

Environmental Protection Specialist Bureau of Land Management

620 E. Greene St Carlsbad, NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular

# stucker@blm.gov



The <u>BLM acceptance/approval does not</u> relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Thu, Nov 12, 2015 at 8:21 AM, Jones, Kellie, EMNRD < Kellie.Jones@state.nm.us wrote:

Austin.

Good morning. The closure report is conditionally approved with the following conditions:

- 1. The RP will remain open until there have been two additional rounds of sampling to ensure the product has not released chlorides back to the surface. One sampling event should occur in April 2016 and then October 2016. OCD would like to be present at these sampling events. At that time all results will be reviewed to determine if the RP can be closed.
- 2. Provide the data from the 6 Oct 2015 sampling event.
- 3. Ensure BLM and SLO approval/concurrence.

If you have any questions, please feel free to ask.

Thank you,

Kellie Jones Environmental Specialist, District 1 Oil Conservation Division, EMNRD 575-393-6161 ext. 111 575-370-3180 (emergency-cell)

E-Mail: kellie.jones@state.nm.us

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**From:** Austin Weyant [mailto:<u>austin.weyant@soudermiller.com</u>]

**Sent:** Monday, October 26, 2015 2:45 PM

**To:** Jones, Kellie, EMNRD **Subject:** Red Hills West SWD

J. Austin Weyant

**Project Scientist** 

Souder Miller & Associates

575.689.7040

austin.weyant@soudermiller.com

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From: <u>Austin Weyant</u>
To: <u>Lucas Middleton</u>

Subject: Fw: Mewbourne Red Hills SWD # 1 info

Date: Thursday, October 8, 2015 9:17:47 AM

Attachments: <u>H502242 MEWBOURNE.pdf</u>

H502312 MEWBOURNE.pdf Red Hills SWD map(updated).pdf red hills swd 1 8-4-15.xlsx RED HILLS SWD 8-13-15.xlsx MX-2615N 20150824 080405.pdf

Sample Sheet Template- Mewborn Red Hills State SWD #1 (2) 9-2-2015.xlsx Sample Sheet Template- Mewbourne Red Hills State SWD #1 (3) 9-9-2015.xlsx Sample Sheet Template- Mewbourne Red Hills State SWD #1 (4) 9-16-2015.xlsx

J. Austin Weyant
Project Scientist
Souder Miller & Associates
575.689.7040
austin.weyant@soudermiller.com

From: Lance Crenshaw < lcrenshaw@diversifiedfsi.com>

Sent: Thursday, October 1, 2015 8:39 AM

To: Austin Weyant

**Cc:** Michael Burton; Michael Patterson **Subject:** Mewbourne Red Hills SWD # 1 info

Austin,

Attached you will find the site map, field sampling data and lab data for this site. If you need anything else, just let me know, I will try to help you the best I can. Have a good day.

Lance Crenshaw
Project Manager
Diversified Environmental Services

From: <u>Austin Weyant</u>

 To:
 zthomas@mewbourne.com

 Subject:
 FW: Red Hill West - 1605A70

 Date:
 Tuesday, May 31, 2016 11:44:44 AM

Attachments: Rpt 1605A70 Final v1.pdf

Lab results on Red Hills west, the seeding has been completed should have the report to you this week.

Thanks

J. Austin Weyant Project Scientist

Souder, Miller & Associates Engineering t Environmental t Surveying 201 S Halagueno Carlsbad, NM 88221 www.soudermiller.com (575) 689-7040 (mobile)

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From: Michelle Garcia

**Sent:** Tuesday, May 31, 2016 10:24 AM

To: <u>Austin Weyant</u>
Cc: <u>Lucas Middleton</u>

Subject: Red Hill West - 1605A70

From: <u>Austin Weyant</u>

To: <u>zthomas@mewbourne.com</u>

Subject: FW: Red Hills

Date: Tuesday, January 12, 2016 8:53:57 AM
Attachments: reviewed Closure Red Hills West SWD.pdf

RE Red Hills West SWD.eml.msg Re Red Hills West SWD.eml.msg

Here is the Closure Report prepared by SAM and approved by BLM and NMOCD on 11/17. We also collected 4 soil samples and ran them for nutrient analysis on 12/2/15 the result showed low soil Nitrogen and Iron.

Sent from Mail for Windows 10

From: Jones, Kellie, EMNRD

Sent: Tuesday, November 17, 2015 12:26 PM

To: Zack Thomas

Cc: Tucker, Shelly; Groves, Amber; Austin Weyant

Subject: Red Hills

Zack,

Here are the responses that all three agencies provided on the Red Hills site.

If you have any questions, please feel free to contact me.

Thank you.

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
575-393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

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From: Jones, Kellie, EMNRD

To: Zack Thomas; Austin Weyant

Subject: RE: meeting with Kellie

**Date:** Monday, September 28, 2015 7:50:23 AM

Attachments: <u>image001.png</u>

Zack,

Tomorrow at 0900 would be good.

Thanks,
Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
575-393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

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**From:** Zack Thomas [mailto:zthomas@mewbourne.com]

**Sent:** Monday, September 28, 2015 7:41 AM **To:** Jones, Kellie, EMNRD; Austin Weyant

Subject: RE: meeting with Kellie

Kellie,

I apologize but can we reschedule this until tomorrow around 9 or 10 am? I've got to meet with my home lender this afternoon I completely forgot.

**Zack Thomas** Environmental Rep.

Mewbourne Oil Company
PO Box 5270

Hobbs, NM 88241 US

Phone: (575) 393-5905 | Fax: (575) 397-6252

(575) 602-2188

Email: zthomas@Mewbourne.com

From: Jones, Kellie, EMNRD [mailto:Kellie.Jones@state.nm.us]

Sent: Monday, September 28, 2015 7:18 AM

To: Zack Thomas; Austin Weyant

Subject: RE: meeting with Kellie

Zack.

That is okay with me.

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
575-393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

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**From:** Zack Thomas [mailto:zthomas@mewbourne.com]

Sent: Thursday, September 24, 2015 8:02 AM

**To:** Austin Weyant **Cc:** Jones, Kellie, EMNRD

Subject: RE: meeting with Kellie

Kellie,

How does Monday, September 28<sup>th</sup> at 2:00 pm sound to discuss Red Hills West SWD?

**Zack Thomas** 

Environmental Rep. Mewbourne Oil Company PO Box 5270

Hobbs, NM 88241 US

Phone: (575) 393-5905 | Fax: (575) 397-6252

(575) 602-2188

Email: zthomas@Mewbourne.com

From: Austin Weyant [mailto:austin.weyant@soudermiller.com]

Sent: Friday, September 11, 2015 11:34 AM

To: Zack Thomas

Subject: Fw: meeting with Kellie

#### Name the time

J. Austin Weyant
Project Scientist
Souder Miller & Associates
575.689.7040
austin.weyant@soudermiller.com

**From:** Jones, Kellie, EMNRD < <a href="mailto:Kellie.Jones@state.nm.us">Kellie.Jones@state.nm.us</a>>

Sent: Friday, September 11, 2015 11:21 AM

To: Austin Weyant

Subject: RE: 10:00am meeting

I appreciate it. Everything is open, except for Tuesday that is a field day.

Thanks again!

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
575-393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

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- -Photographic documentation is stipulated for all events involving liquids.

If you have any questions or concerns, and for notification, please contact me.

**From:** Austin Weyant [mailto:austin.weyant@soudermiller.com]

Sent: Friday, September 11, 2015 8:25 AM

**To:** Jones, Kellie, EMNRD **Subject:** Re: 10:00am meeting

No worries, we can meet next week.

# Thanks

J. Austin Weyant
Project Scientist
Souder Miller & Associates
575.689.7040
austin.weyant@soudermiller.com

**From:** Jones, Kellie, EMNRD < <a href="mailto:Kellie.Jones@state.nm.us">Kellie.Jones@state.nm.us</a>>

Sent: Friday, September 11, 2015 7:16 AM

**To:** Austin Weyant

Subject: 10:00am meeting

Good morning,

I won't be able to make our scheduled meeting today at 10am. I will be available next week if you would like to reschedule.

Thank you,

Kellie

Sent from Samsung Mobile

From: Austin Weyant
To: Zack Thomas

Subject: RE: Red Hill West - 1605A70

Date: Thursday, September 8, 2016 9:42:16 AM
Attachments: Update Red Hills West SWD jaw cg.pdf

Since this report we have also sprayed the location for African rue found only three plants.

J. Austin Weyant Project Scientist

Souder, Miller & Associates Engineering t Environmental t Surveying 201 S Halagueno Carlsbad, NM 88221 www.soudermiller.com (575) 689-7040 (mobile)

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From: Zack Thomas

Sent: Tuesday, September 6, 2016 8:22 AM

To: Austin Weyant

**Subject:** Re: Red Hill West - 1605A70

Still havent recieved any report buddy. What is our status here??

Sent from my iPhone

On May 31, 2016, at 11:44 AM, Austin Weyant <a href="mailto:austin.weyant@soudermiller.com">austin.weyant@soudermiller.com</a>> wrote:

Lab results on Red Hills west, the seeding has been completed should have the report to you this week.

Thanks

J. Austin Weyant Project Scientist

Souder, Miller & Associates
Engineering t Environmental t Surveying
201 S Halagueno
Carlsbad, NM 88221
www.soudermiller.com
(575) 689-7040 (mobile)

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From: Michelle Garcia

**Sent:** Tuesday, May 31, 2016 10:24 AM

To: <u>Austin Weyant</u>
Cc: <u>Lucas Middleton</u>

**Subject:** Red Hill West - 1605A70

<Rpt\_1605A70\_Final\_v1.pdf>