

From: Patterson, Heather, EMNRD
To: ["Tavarez, Ike": Tucker, Shelly; Bratcher, Mike, EMNRD](#)
Cc: [Gonzales, Clair; bgeries@sm-energy.com; zluikens@sm-energy.com](#)
Subject: RE: SM Energy - Geronimo Tank Battery and ESDU #2, Eddy County, New Mexico
Date: Wednesday, December 30, 2015 1:50:00 PM

You have OCD approval to continue delineation at these two sites.

Heather Patterson
Environmental Specialist
NMOCD District II
Office (575)748-1283 ext.101
Cell (575)703-0228

From: Tavarez, Ike [<mailto:Ike.Tavarez@tetrattech.com>]
Sent: Tuesday, December 22, 2015 1:39 PM
To: Tucker, Shelly; Bratcher, Mike, EMNRD
Cc: Gonzales, Clair; Patterson, Heather, EMNRD; bgeries@sm-energy.com; zluikens@sm-energy.com
Subject: RE: SM Energy - Geronimo Tank Battery and ESDU #2, Eddy County, New Mexico

Shelly and Mike,

I met with SM Energy to discuss the Work Plans for the Geronimo Tank Battery (2RP 2777) and ESDU #2 (2 RP 2889). The additional proposed work for the sites are discussed below. Please call me if you have any questions or let me know if you concur with the proposed scope for the sites, thanks

Geronimo Tank Battery (2RP 2777)

On March 31, 2015, Tetra Tech performed the sampling at the above referenced site. The sampling results showed a shallow chloride impact to the soils on the pad. Due to the time of the sampling event and previous rains, SM Energy propose to resample the pad area for further evaluation. Based on the results, the soils will be address accordingly to the submitted work plan, if needed. Once completed, Tetra Tech will forward the data and any recommendations to the NMOCD and BLM for review. Tetra Tech will be performing the sampling end of December or first of January.

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ESDU #2 (2RP 2889)

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On February 16, 2015, Tetra Tech performed the sampling at the above referenced site. On August 20, 2015, Mike Bratcher requested deeper samples in the areas of AH-5 and AH-7 to vertically define extents (emailed attached). Based on the additional request, SM Energy propose to install the (2) boreholes to define the extents. Also, the shallow impacted areas of AH-2, AH-4 and AH-5 will be re-sample due to the recent rains. Once completed, the sampling data with recommendations will be forward to the NMOCD and BLM for review and approval. The drilling and re-sampling activities will be performed in January 2016.

Ike Tavarez, PG | Senior Project Manager
Main: 432.682.4559 | Fax: 432.682.3946 | Cell: 432.425.3878

Ike.Tavarez@tetrattech.com

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From: Tavarez, Ike

Sent: Monday, December 14, 2015 4:21 PM

To: 'Tucker, Shelly' <stucker@blm.gov>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Cc: Gonzales, Clair <Clair.Gonzales@tetrattech.com>; Patterson, Heather, EMNRD <Heather.Patterson@state.nm.us>; bgeries@sm-energy.com

Subject: RE: SM Energy - Geronimo Tank Battery and ESDU #2 - Work Plans - Approval Request

Shelly,

The site remediation have not been performed on both site locations. However, let me contact SM Energy and check the status to schedule and complete the proposed remediation, thanks

Ike Tavarez, PG | Senior Project Manager

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Ike.Tavarez@tetrattech.com

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From: Tucker, Shelly [<mailto:stucker@blm.gov>]

Sent: Monday, December 14, 2015 1:27 PM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Cc: Gonzales, Clair <Clair.Gonzales@tetrattech.com>; Tavarez, Ike <Ike.Tavarez@tetrattech.com>; Patterson, Heather, EMNRD <Heather.Patterson@state.nm.us>

Subject: Re: SM Energy - Geronimo Tank Battery and ESDU #2 - Work Plans - Approval Request

2nd request...what is the status of this clean-up.

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 **BLM acceptance/approval does not** 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 Fri, Oct 23, 2015 at 2:48 PM, Tucker, Shelly <stucker@blm.gov> wrote:

I was checking on the status of this site.

The BLM approval/acceptance does not 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.

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

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575.234.5905 - Direct
575.361.0084 - Cellular

stucker@blm.gov



On Wed, Sep 9, 2015 at 12:17 PM, Tucker, Shelly <stucker@blm.gov> wrote:

RE: SM Energy * Geronimo Battery (Fed 1) * 30-015-24927 * G-24-18s-31e * Eddy County, NM * Date of release: 2/5/15
SM Energy * EDSU 2 * 30-015-25847 * P-13-18s-31e * Eddy County, NM * Date of release: 1/29/15

The BLM accepts/approves your work plans for the above referenced releases and concurs with all NMOCD stipulations.

The BLM requests notification prior to backfilling and reseeding activities.

The BLM approval/acceptance does not 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.

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

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Carlsbad, NM 88220

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575.361.0084 - Cellular

stucker@blm.gov



On Thu, Aug 20, 2015 at 3:33 PM, Bratcher, Mike, EMNRD

<mike.bratcher@state.nm.us> wrote:

RE: SM Energy * EDSU 2 * 30-015-25847 * P-13-18s-31e * Eddy County, NM
NMOCD Tracking Number: 2RP-2777 * Date of release: 1/29/15

Ms. Gonzales,

Sorry for the delayed response. The proposal for remediation of the above referenced release, formulated by Tetra Tech, is approved with the following conditions of approval:

- In the area identified as AH-3, OCD does request a minimum 4' excavation to facilitate placement of liner at 4' bgs, or, excavation to 6.5' with no liner required.
- In the areas identified as AH-5 and AH-7, OCD does request a deeper delineation for chloride impact. Target goal will be 250 mg/kg, to a practicable depth, or to natural background. This delineation may be for documentation only, unless data indicates a remedy is required.
- Like approval by BLM.

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.

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

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Gonzales, Clair [mailto:Clair.Gonzales@tetrattech.com]

Sent: Tuesday, August 18, 2015 1:41 PM

To: Bratcher, Mike, EMNRD

Cc: Tavarez, Ike
Subject: FW: SM Energy - Geronimo Tank Battery and ESDU #2 - Work Plans - Approval Request
Importance: High

Good Afternoon,

Referencing the email below, you previously approved the SM Energy – Geronimo Tank Battery work plan; was the ESDU #2 also approved? If not, I have attached the report for your review so that we can begin scheduling remediation activities.

Thank you,

Clair Gonzales

Clair Gonzales | Geologist III

Phone: 432.687.8123 | Mobile 432.260.8634 | Fax: 432.682.3946

clair.gonzales@tetrattech.com

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From: Tavarez, Ike
Sent: Tuesday, August 18, 2015 2:07 PM
To: Gonzales, Clair <Clair.Gonzales@tetrattech.com>
Subject: FW: SM Energy - Geronimo Tank Battery and ESDU #2 - Work Plans - Approval Request

fyi

From: Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]
Sent: Thursday, June 04, 2015 3:52 PM
To: Tavarez, Ike <Ike.Tavarez@tetrattech.com>; Amos, James A (jamos@blm.gov) <jamos@blm.gov>
Cc: tsimpson@sm-energy.com; bgeries@sm-energy.com
Subject: RE: SM Energy - Geronimo Tank Battery and ESDU #2 - Work Plans - Approval Request

RE: SM Energy * Geronimo Battery (Fed 1) * 30-015-24927 * G-24-18s-31e * Eddy County, NM

NMOCD Tracking Number: **2RP-2889** * Date of release: 2/5/15

Ike,

Your proposal for remediation of the above referenced release is approved. Please advise if any portion of the impacted area is proposed to be deferred until closure of facility. Federal sites will require like approval by BLM.

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.

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

Mike Bratcher
NMOCD District 2
811 S. First Street
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From: Tavaréz, Ike [<mailto:Ike.Tavaréz@tetrattech.com>]
Sent: Tuesday, June 02, 2015 3:47 PM
To: Bratcher, Mike, EMNRD; Amos, James A (jamos@blm.gov)
Cc: tsimpson@sm-energy.com; bgeries@sm-energy.com
Subject: SM Energy - Geronimo Tank Battery and ESDU #2 - Work Plans - Approval Request

Mike and James,
Please find the enclosed SM Energy - Work Plans for the above reference spill sites located in Eddy County, New Mexico. The spills have been assessed and the remedial recommendations are included in the work plans. Once approved, Tetra Tech will schedule the soil remediation and notify you prior to implementing the work plans.
Please let me know if you need additional information or call me if you have any questions, thanks

Ike Tavaréz, PG | Senior Project Manager

Main: 432.682.4559 | Fax: 432.682.3946 | Cell: 432.425.3878

Ike.Tavaréz@tetrattech.com

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