

Bratcher, Mike, EMNRD

From: Tavarez, Ike <Ike.Tavarez@tetrattech.com>
Sent: Wednesday, July 17, 2013 1:20 PM
To: Bratcher, Mike, EMNRD; James_Amos@blm.gov
Cc: Pat Ellis (PEllis@concho.com); Robert Grubbs; Joshua Russo; Michelle Mullins (MMullins@concho.com)
Subject: COG Operating - Showstopper 7 Federal COM 1H - Work Plan - Approval Request
Attachments: COG - Showstopper 7 Federal COM 1H - Work Plan .pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Mike and James,

Please find the enclosed Work Plan for the above reference spill site located in Eddy County, New Mexico. The spill has been assessed and the remedial recommendations are included in the work plan. I will mail you a hard copy of the work plan for your files. Once approved, Tetra Tech will schedule the soil remediation and notify you prior to implementing the work plan. Please let me know if you need additional information or call me if you have any questions

Ike Tavarez, PG | Senior Project Manager

Main: 432.682.4559 | Fax: 432.682.3946 | Cell: 432.425.3878

Ike.Tavarez@tetrattech.com

Tetra Tech | Complex World, Clear Solutions™

1910 North Big Spring | Midland, TX 79705 | www.tetrattech.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Table 1
COG Operating LLC.
Showstopper 7 Federal #1
Eddy County, New Mexico

Sample ID	Sample Date	BEB Sample Depth (ft)	Excavation Bottom Depth (ft)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total						
AH-1	5/30/2013	0-1	0	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	4,240
	"	1-1.5	"	X		-	-	-	-	-	-	-	-	2,360
	"	2-2.5	"	X		-	-	-	-	-	-	-	-	2,490
AH-2	5/30/2013	0-1	0	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	667
AH-3	5/30/2013	0-1	0	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	493
AH-4	5/30/2013	0-1	0	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	3,600
AH-5	5/30/2013	0-1	0	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	599
AH-6	5/30/2013	0-1	0	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	629
AH-7	5/30/2013	0-1	0	X		<8.00	63.8	63.8	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	5,710
AH-8	5/30/2013	0-1	0	X		198	4,540	4,738	<0.0400	<0.0400	0.292	1.51	1.80	2,300
AH-9	5/30/2013	0-1	0	X		<4.00	99.7	99.7	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	17,900
AH-10	5/30/2013	0-1	0	X		91.7	1,560	1,652	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	3,850

(-)

Not Analyzed

(BEB)

Below Excavation Bottom



Proposed Excavated Depths

Bratcher, Mike, EMNRD

From: Van Curen, Jennifer <jvancure@blm.gov>
Sent: Thursday, July 18, 2013 10:19 AM
To: Ike Tavaréz; Bratcher, Mike, EMNRD
Subject: Re: COG Operating - Showstopper 7 Federal COM 1H - Work Plan - Approval Request

Ike,

I will be managing this spill event for the BLM, so please send further correspondence to me also. The plan is approved with sidewall closure samples taken and evaluated prior to back-filling. I will also need a copy of the vertical delineation that you supply the OCD with. I am a little concerned that the sample results show a large difference in chlorides.

Basically, the area needs to be cleaned to back ground or to 3'. A liner or 9"-12" clay bottom are both accepted practices. If chlorides are deeper, the OCD may want to remove more since the well is in an area with shallower groundwater, but with the clay bottom or liner, the chlorides should not be able to be driven down further.

The hillside to the south shall not be disturbed.

If you have any questions please let me know.

JENNIFER E VAN CUREN
ENVIRONMENTAL PROTECTION SPECIALIST
DOI-BLM-CARLSBAD FIELD OFFICE
320 E GREENE ST. CARLSBAD, NM 88220
OFFICE- 575-234-5905
CELL - 575-361-0042
FAX - 575-234-5927

On Thu, Jul 18, 2013 at 8:25 AM, Amos, James <jamos@blm.gov> wrote:

----- Forwarded message -----

From: **Tavaréz, Ike** <Ike.Tavaréz@tetrattech.com>
Date: Wed, Jul 17, 2013 at 1:19 PM
Subject: COG Operating - Showstopper 7 Federal COM 1H - Work Plan - Approval Request
To: "Bratcher, Mike, EMNRD (mike.bratcher@state.nm.us)" <mike.bratcher@state.nm.us>,
"James Amos@blm.gov" <James Amos@blm.gov>
Cc: "Pat Ellis (PEllis@concho.com)" <PEllis@concho.com>, Robert Grubbs <RGrubbs@concho.com>, Joshua Russo <jrusso@conchoresources.com>, "Michelle Mullins (MMullins@concho.com)" <MMullins@concho.com>

Mike and James,

Please find the enclosed Work Plan for the above reference spill site located in Eddy County, New Mexico. The spill has been assessed and the remedial recommendations are included in the work plan. I will mail you a hard copy of the work plan for your files. Once approved, Tetra Tech will schedule the soil remediation and notify you prior to implementing the work plan. Please let me know if you need additional information or call me if you have any questions

Ike Tavaréz, PG | Senior Project Manager

Main: 432.682.4559 | Fax: 432.682.3946 | Cell: 432.425.3878

Ike.Tavaréz@tetrattech.com

Tetra Tech | Complex World, Clear Solutions™

1910 North Big Spring | Midland, TX 79705 | www.tetrattech.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Wednesday, July 24, 2013 11:16 AM
To: 'Tavarez, Ike'; James_Amos@blm.gov; jvancure@blm.gov
Cc: Pat Ellis (PEllis@concho.com); Robert Grubbs; Joshua Russo; Michelle Mullins (MMullins@concho.com)
Subject: RE: COG Operating - Showstopper 7 Federal COM 1H - Work Plan - Approval Request

Reference: COG * Showstopper 7 Fed Com 1H * 30-015-36559 * A-7-25s-29e * Eddy County, New Mexico
NMOCD Tracking Number: 2RP-1641 * Date of release: 4/15/13

Ike,

OCD approves the proposal to obtain background sample data and to further delineate the areas identified as AH-1, AH-4, and AH-7 through AH-10. In addition, OCD requests the addition of another sample point, closer to the point of release (south of AH-8 and west of AH-7). The proposal to excavate and install a barrier will be considered upon evaluation of the background and delineation results. For delineation purposes, at this time, testing for hydrocarbons (GRO/DRO) will only be required at sample points AH-8, AH-10, and the additional requested sample point.

If you have any questions or concerns, 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: Tavarez, Ike [<mailto:Ike.Tavarez@tetratech.com>]
Sent: Wednesday, July 17, 2013 1:20 PM
To: Bratcher, Mike, EMNRD; James_Amos@blm.gov
Cc: Pat Ellis (PEllis@concho.com); Robert Grubbs; Joshua Russo; Michelle Mullins (MMullins@concho.com)
Subject: COG Operating - Showstopper 7 Federal COM 1H - Work Plan - Approval Request

Mike and James,

Please find the enclosed Work Plan for the above reference spill site located in Eddy County, New Mexico. The spill has been assessed and the remedial recommendations are included in the work plan. I will mail you a hard copy of the work plan for your files. Once approved, Tetra Tech will schedule the soil remediation and notify you prior to implementing the work plan. Please let me know if you need additional information or call me if you have any questions

Ike Tavarez, PG | Senior Project Manager

Main: 432.682.4559 | Fax: 432.682.3946 | Cell: 432.425.3878

Ike.Tavarez@tetratech.com

Tetra Tech | Complex World. Clear Solutions™

1910 North Big Spring | Midland, TX 79705 | www.tetratech.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Bratcher, Mike, EMNRD

From: Microsoft Outlook
To: Tavarez, Ike; James_Amos@blm.gov; jvancure@blm.gov; Pat Ellis (PEllis@concho.com); Robert Grubbs; Joshua Russo; Michelle Mullins (MMullins@concho.com)
Sent: Wednesday, July 24, 2013 11:16 AM
Subject: Relayed: RE: COG Operating - Showstopper 7 Federal COM 1H - Work Plan - Approval Request

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

Tavarez, Ike (Ike.Tavarez@tetrattech.com)

James_Amos@blm.gov (James_Amos@blm.gov)

jvancure@blm.gov (jvancure@blm.gov)

Pat Ellis (PEllis@concho.com) (PEllis@concho.com)

Robert Grubbs (RGrubbs@concho.com)

Joshua Russo (jrusso@conchoresources.com)

Michelle Mullins (MMullins@concho.com) (MMullins@concho.com)

Subject: RE: COG Operating - Showstopper 7 Federal COM 1H - Work Plan - Approval Request