

From: [Yu, Olivia, EMNRD](#)
To: ["Rebecca Haskell"](#); [Gonzales, Clair](#); [Tucker, Shelly](#); hprice@blm.gov; [Billings, Bradford, EMNRD](#)
Cc: [Tavarez, Ike](#); [Robert McNeill](#); [Dakota Neel](#)
Subject: RE: COG Pintail 3 Federal #1H Work Plan Approval Request (1RP-4534)
Date: Monday, October 23, 2017 4:29:00 PM

Ms. Haskell:

NMOCD will agree that confirmation soil samples for 1RP-4534 do not need to be tested for chlorides.

Thanks,
Olivia

From: Rebecca Haskell [mailto:RHaskell@concho.com]
Sent: Monday, October 23, 2017 1:44 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Gonzales, Clair <Clair.Gonzales@tetrattech.com>; Tucker, Shelly <stucker@blm.gov>; hprice@blm.gov; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Tavarez, Ike <Ike.Tavarez@tetrattech.com>; Robert McNeill <RMcNeill@concho.com>; Dakota Neel <DNeel2@concho.com>
Subject: RE: COG Pintail 3 Federal #1H Work Plan Approval Request (1RP-4534)

Ms. Yu,

The delineation trenches from July 7, 2017 were in the same areas as those collected on January 10, 2017. Confirmation samples will be collected and analyzed for TPH and BTEX. This was an oil spill and chloride levels have already been established to not be a issue at this site.

Thank You,

Becky Haskell
Senior HSE Coordinator
COG Operating LLC
600 W Illinois Avenue | Midland, TX 79701
Direct: 432-818-2372 | Main: 432.683.7443
Cell: 432-556-5130
rhaskell@concho.com



CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information herein, is prohibited. If you received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]
Sent: Monday, October 02, 2017 10:23 AM
To: Gonzales, Clair; Tucker, Shelly; hprice@blm.gov; Billings, Bradford, EMNRD
Cc: Rebecca Haskell; Tavarez, Ike; Robert McNeill; Dakota Neel
Subject: [External] RE: COG Pintail 3 Federal #1H Work Plan Approval Request (1RP-4534)

**** External email. Use caution. ****

Dear Ms. Gonzales:

Thank you. The below information is noted. Were the delineation trenches from July 7, 2017 in the same locations as on January 10, 2017?

NMOCD will consider delineation complete for 1RP-4534 and the proposed remediation with these conditions:

- For the sample area represented by T-1 to T-4, laboratory analyses (BTEX, TPH extended, and chlorides) of confirmatory edge samples no greater than 50 ft. apart to complete horizontal release characterization.
- Confirmation sidewall and bottom samples for the proposed excavation area represented by T-5. One sample location must be at the border between T-5 (green) and T-4 (purple) areas.
- Scaled map with confirmation sample locations marked.

Thanks,
Olivia

From: Gonzales, Clair [<mailto:Clair.Gonzales@tetratech.com>]
Sent: Thursday, September 28, 2017 3:22 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Tucker, Shelly <stucker@blm.gov>; hprice@blm.gov; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Rebecca Haskell <RHaskell@concho.com>; Tavarez, Ike <Ike.Tavarez@tetratech.com>; Robert McNeill <RMcNeill@concho.com>; Dakota Neel <DNeel2@concho.com>
Subject: RE: COG Pintail 3 Federal #1H Work Plan Approval Request (1RP-4534)

Ms. Yu,

COG personnel performed the initial sampling event in January, however some of the impacted areas were not vertically defined to the NMOCD directives. Tetra Tech was contacted by COG to perform additional sampling in order to vertically define the impact. The shallow soils were resampled in order to confirm the concentrations, however a dense caliche formation was encountered and deeper samples could not be attained. Referring to the data, the hydrocarbon impact naturally attenuated during the time between sampling events, although this was not part of a remediation plan.

Thank you,

Clair Gonzales

Clair Gonzales | Geologist III

Phone: 432.687.8123 | Mobile 432.260.8634 | Fax:432.682.3946

clair.gonzales@tetrattech.com

Tetra Tech | Complex World, CLEAR SOLUTIONS™

4000 N. 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.

From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]

Sent: Thursday, September 28, 2017 3:31 PM

To: Gonzales, Clair <Clair.Gonzales@tetrattech.com>; Tucker, Shelly <stucker@blm.gov>; hprice@blm.gov; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

Cc: Rebecca Haskell <RHaskell@concho.com>; Tavarez, Ike <Ike.Tavarez@tetrattech.com>; Robert McNeill <RMcNeill@concho.com>; Dakota Neel <DNeel2@concho.com>

Subject: RE: COG Pintail 3 Federal #1H Work Plan Approval Request (1RP-4534)

Dear Ms. Gonzales:

Please clarify this concern regarding the delineation workplan for 1RP-4534. When the release location was sampled on January 10, 2017, a decision was made regarding natural attenuation as the remediation plan for elevated TPH and BTEX levels without NMOCD notification? Please provide written documentation if the remedial action was approved prior to approval of release characterization.

Thanks,

Olivia Yu

Environmental Specialist

NMOCD, District I

Olivia.yu@state.nm.us

575-393-6161 x113

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.

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

Sent: Friday, September 8, 2017 7:15 AM

To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Tucker, Shelly <stucker@blm.gov>; hprice@blm.gov

Cc: Rebecca Haskell <RHaskell@concho.com>; Tavarez, Ike <Ike.Tavarez@tetrattech.com>; Robert McNeill <RMcNeill@concho.com>; Dakota Neel <DNeel2@concho.com>

Subject: COG Pintail 3 Federal #1H Work Plan Approval Request (1RP-4534)

Good Morning,

Attached is the work plan for the above referenced site located in Lea County, New Mexico. Once approved, COG will implement the proposed work plan. Let me know if you have any questions or concerns.

Thank you,

Clair Gonzales

Clair Gonzales | Geologist III

Phone: 432.687.8123 | Mobile 432.260.8634 | Fax:432.682.3946

clair.gonzales@tetrattech.com

Tetra Tech | Complex World, CLEAR SOLUTIONS™

4000 N. 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.

NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Further, any contract terms proposed or purportedly accepted in this email are not binding and are subject to management's final approval as memorialized in a separate written instrument, excluding electronic correspondence, executed by an authorized representative of COG Operating LLC or its affiliates.