

From: [Tavarez, Ike](#)
To: [Patterson, Heather, EMNRD](#); rmcneil@conchoresources.com
Cc: [Bratcher, Mike, EMNRD](#); [Robert Grubbs](#)
Subject: RE: SRO SWD #101
Date: Thursday, June 12, 2014 3:27:29 PM
Attachments: COG - Information and Data .pdf

Heather,

The two backgrounds collected on 12/17/13 and 3/18/14 were all collected as part of the SRO 101 project, 11/26/13 spill release. The background sample collected on 9/19/11 was collected from a previous spill at the site. (spill date 1/22/11).

Based on the site setting, the background chloride concentrations in this area appears to vary near the natural drainage features (see attachments) in the area. We have seen higher background chloride concentrations in these areas. For example, one of the spill location (Honey Graham) showed a background high of approximately 7,000 mg/kg (0-1'), but averaged around 2,000 to 3,000 mg/kg at deeper depths. (see Table).

As discussed, the area of AH-3 was initially trenched (T-1) before excavating. Based on the trench field results, the area was excavated to approximately 1.5'. Once excavated, a sample (1.5') was collected and the field data showed a chloride of approximately 1,000 mg/kg. However, the sample was not submitted for analysis.

The areas of AH-1 and AH-4 were excavated to depths of approximately 2-2.5' and 3.0', respectively. Please call me if we need to discuss, thanks

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™

4000 North Big Spring, Suite 401 | 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: Patterson, Heather, EMNRD [mailto:Heather.Patterson@state.nm.us]
Sent: Wednesday, June 11, 2014 1:03 PM
To: Tavarez, Ike; rmcneil@conchoresources.com
Cc: Bratcher, Mike, EMNRD
Subject: SRO SWD #101

RE: COG * SRO SWD #101 * 30-015-26105 * G-05-26s-28e * Eddy County, NM * NMOCD tracking number: 2RP-2109 * Date of release: 11/26/13

Gentlemen,

I am reviewing the closure report for the above site and have a few concerns. The body of the report references two background auger holes, one that had no significant chlorides and one from 2011 showing chlorides of 1,500 at 5'. In the table it shows a 2013 background auger hole with no significant chlorides and a 2014 background trench that has chloride levels of 2,640 at 10'. These appear to be three separate sampling events, but the site map only portrays two background samples, with no reference as to which of the sampling events they represent.

We are also concerned about the high levels of chlorides left in place throughout the release site, most especially in the areas of AH-1, AH-3, and AH-4.

If you have any questions or concerns, please contact me

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