

## Bratcher, Mike, EMNRD

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**From:** Chase Settle <Chase\_Settle@eogresources.com>  
**Sent:** Thursday, January 18, 2018 11:53 AM  
**To:** Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Shelly Tucker  
**Cc:** Kerry Egan; Bob Asher; Katie Parker  
**Subject:** Seven Rivers Compressor Station 2RP-3559 Update  
**Attachments:** Seven Rivers Compressor Station 2RP-3559 Update Sample Table.pdf

I wanted to provide everyone with an update to this project. Attached are the sample results from sampling conducted on the top 5' of soil that had previously tested below RRALs and the first 100 cy of soil that was treated with Cool-Ox. Along with the results is a table and explanation of the methods used during the sampling process.

December 26, 2017, we excavated the top 5' that had previously tested below RRALs and resampled to make sure the soil was still below RRALs after the completion of the previous sampling activities. Those results (H703606-01 & H703607-01) confirm that that soil is still below RRALs for the site.

January 3, 2018, we excavated the first 100 cy of impacted material from the release area and placed it in the treatment cell. We decided to collect samples from every bucket of soil that was moved to the treatment cell to provide a baseline starting point for the Cool-Ox treatment. Those results (H800064-01, 02, & 03) demonstrate that the majority of the soil was over RRALs for BTEX.

January 4, 2018, the Cool-Ox powder that was applied to the soil the day before was activated with 3% Hydrogen Peroxide and the oxidative reaction created.

January 15, 2018, the soil within the treatment cell was finally dry enough to sample. Samples were sent to Cardinal for analysis, the results (H800175-01) showed that the Cool-Ox had remediated the soil below RRALs.

Next Week, January 22, 2018, we will be conducting sidewall sampling to determine if the horizontal extents of the impaction have been found within the first 13' of excavated soil. The remaining treatment cell will be built with the full remaining excavation to follow. Once the soil has been excavated and sidewall samples have returned below RRALs, the treatment with Cool-Ox will commence to remediate the remaining impacted soils.

Thank you,

*Chase Settle, M.S.*

Rep Safety & Environmental II

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