



**Subject: N17OU Tank Release**

Attn: Brett Middleton

**Approach**

April 13, 2018 Dirtco LLC was contracted by Caerus Oil and Gas (Caerus) to complete sampling around a Tank battery that had failed. The area outside of the lined secondary containment was easily identified by wet soil. Grab samples were collected in 4 locations that had been previously identified as the secondary containment failure points during hydrotesting the containment. Samples were collected from 18 to 20 inches below ground level. Please see site diagram

**Conclusions**

Laboratory results for the release area is showing elevated Sodium Adsorption Ratio (SAR) and Arsenic. Due to being on the working surface of an active location remediation of SAR should take place after the wells have been plugged and during final reclamation insuring that high SAR impacted soils are buried 3' below top of surface as to not impede reclamation efforts.

If you have any questions pertaining to this project, please do not hesitate to contact me at (970) 901-9007 or [mattkasten@dirtyco.info](mailto:mattkasten@dirtyco.info).

**Attachments**

- Lab Report
- Site diagram

Regards,  
Matt Kasten  
Dirtco - EHS Manager