



02/14/18

B12 6104 Young Cattle

Location ID: 322420

Pit Facility ID: 111214

Subject: Remediation 9341

Doc # 401428518 COA SVE Radius of Influence

Currently at the B12 the active SVE trailer is set up and running approximately 4 hours per day. The trailer should be able to continue to run through the winter; as long as weather does not drain the solar battery source. It is usually on a rotation with the DPU 7712 (REM 10813). Due to recent winter activity; it will be staying there and access will be intermittent. When roads are plowed and/or snow melt permits O&M readings will be collected and will be put back into a rotation.

B12 currently has 5 wells installed within the impacted zone. By using the SVE trailer that is on-site, we were able to segregate wells and check Rate of Influence within the area. Each well was the pilot while everything else was plugged during the test. A magnehelic gauge was then put on individual wells to determine communication. *Please see table below*

Rate of Influence

Well	Vacuum	Distance (feet)
SVE01 @ 57 CFM		
SVE02	0.01	21
SVE03	0.0	37
SVE04	0.0	55
SVE05	0.0	57
SVE02 @ 40 CFM		
SVE01	0.01	21
SVE03	0.08	16
SVE04	0.04	18
SVE05	0.0	54
SVE03 @ 54 CFM		
SVE01	0.0	37
SVE02	0.08	16
SVE04	0.04	18
SVE05	0.0	54
SVE04 @ 47 CFM		
SVE01	0.0	55
SVE02	0.04	18
SVE03	0.04	18
SVE05	0.0	56
SVE05 @ 40 CFM		



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SVE01	0.0	57
SVE02	0.0	54
SVE03	0.0	54
SVE04	0.0	56

With the minimal communication between wells it is still showing that there is air movement; however, effectiveness at the B12 will be determined in summer 2018 when a drill rig is scheduled to collect additional soil samples. Additional SVE wells maybe installed, but will be submitted in a Supplemental Form 27 before work is to begin.

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

Attachments

- Site diagram

Regards,
Matt Kasten
Dirtco - EHS Manager