

Wickham, Jerry, Env. Health

From: Schaefer, Peter [pschaefer@croworld.com]
Sent: Friday, April 02, 2010 2:59 PM
To: Wickham, Jerry, Env. Health
Cc: denis.l.brown@shell.com; Cool, Aubrey; Filing; Lescure, Daniel
Subject: 240612-1784 150th Ave., San Leandro - AS/SVE pilot test


Jerry,

As you know, during our air sparge pilot test we got shallow soil vapor readings (SVP-1 screened 5 feet below grade) up to 3,500 ppm on our PID. Since ACEH's 12/30/09 letter asked us to shut down the test if shallow SV concentrations exceeded 30 ppm, we immediately stopped the air sparging portion of the test and left the SVE system on to help remove the vapors. We still need to do some additional testing to determine flow parameter parameters.

The SVE system produced approximately 1 inch of induced vacuum in SVP-1, indicating that the SVE system is capturing the shallow soil vapors. We would like to continue our test using maximum sparge flow rate over an 8 hour test, but we need your approval to allow higher soil vapor concentrations in SVP-1.

Regards,

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