

Jakub, Barbara, Env. Health

From: Jakub, Barbara, Env. Health
Sent: Friday, August 28, 2009 11:20 AM
To: 'Jonas, Mark'
Cc: Hee, Calvin; Fong, Bryan; Schrag@nady.com
Subject: RE: Additional Soil Gas Leak Detection Analytes - Nady 521000, RO0000082

Dear Mark,

ACEH prefers that you use helium as your tracer gas. Please use and analyze for helium as well as O₂, CO₂ and methane as per the DTSC advisory.

Regards,

Barb Jakub

From: Jonas, Mark [mailto:mjonas@croworld.com]
Sent: Friday, August 28, 2009 10:55 AM
To: Jakub, Barbara, Env. Health
Cc: Hee, Calvin; Fong, Bryan; Schrag@nady.com
Subject: Additional Soil Gas Leak Detection Analytes - Nady 521000, RO0000082

Dear Barbara:

Our July 1, 2008 *Additional Site Characterization Work Plan* recommended "Butane, Isobutane, Propane (Method TO-15, TIC) - For leak detection." Because of interference issues we have had with these compounds, we currently use helium. We would like your approval to add helium (ASTM D-1946) as an additional leak detection compound. Do we have your approval to add helium to the list of soil gas analytes?

Also, the "Advisory – Active Soil Gas Investigations," (Department of Toxic Substances Control and California Regional Water Quality Control Board) recommends analyzing for fixed gases O₂, CO₂, and methane by ASTM D-1946. We know other sites where ACEH have required these analytes. Do you want us to also analyze for these analytes?

We plan to sample the soil gas probes next week.

Sincerely,

Mark Jonas

Mark Jonas, P.G.

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