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7:52 am, May 23, 2007

Alameda County
Environmental Health

May 11, 2007

Mr. Barney Chan
Alameda County
Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Ste. 250
Alameda, California 94502-6577

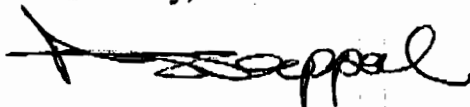
RE: May 10, 2007 "Dual Phase Extraction Pilot Test"
Alaska Gas
6211 San Pablo Avenue
Oakland, California

Dear Mr. Chan:

Attached for your review and comment is the May 10, 2007 "*Dual Phase Extraction Pilot Test*" report prepared by HerSchy Environmental, Inc upon my behalf, for the above-referenced site.

As the legally authorized representative of the above-referenced project, I have reviewed the attached report and declare, under penalty of perjury, that the information and/or recommendations contained in the attached document are true and correct to the best of my knowledge.

Sincerely,



Mr. Pritpaul Sappal



erSchy Environmental, Inc.

May 10, 2007

Mr. Barney Chan
Alameda County
Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Ste. 250
Alameda, California 94502-6577

RE: Dual Phase Extraction Pilot Test
Alaska Gas
6211 San Pablo Avenue
Oakland, California

Dear Mr. Chan,

HerSchy Environmental, Inc. is pleased to inform you with this update on the progress of the recently attempted dual phase extraction test at Alaska Gas in Oakland. The test was conducted for approximately four hours on May 7, 2007. Unfortunately, the temperatures produced during the first few hours of operation were far too high for the catalytic oxidizer to operate without permanent damage, presumably due to the floating product and/or high concentrations of dissolved phased contaminants. The results of the test, however, did suggest that dual phase extraction would be an effective means of remediation. We produced influent vapor concentrations around 350 ppm, with spikes up to near 850 ppm, up from very low levels previously. This indicates that the rise in groundwater significantly impeded remediation. Approximately 250 gallons of water were produced over the 4 hour lifespan of the test (just over 1-gal per min) which is also an ideal production rate for dual phase extraction. Although data is not available due the brevity of the test, it is expected that a certain radius-of-influence would be exerted on groundwater during dual phase extraction some radial distance from the extraction point (EX-1), which assists in the mitigation of mobilization of contaminants off-site.

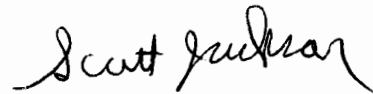
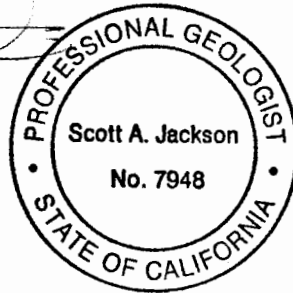
We have an opportunity to use a self contained mobile test unit equipped with a liquid ring high vacuum pump and thermal oxidizer which would allow for a more complete and accurate assessment of dual phase extraction. The equipment cost of the needed equipment would be approximately \$9,000.00 for a three day test (\$2,750.00/day plus a \$700.00 mob fee). Additional costs would be incurred for labor and security, and the associated costs as outlined before (tank rental, data loggers, etc.). Alternatively, the test could probably be conducted for two days only, likely producing significant data. Monitoring and testing protocols would follow the workplan previously submitted and approved. If you approve, we can schedule them to begin the test May 29th, 2007.

Please let us know your thoughts on the situation. Do not hesitate to call or write with any questions, comments, or concerns. You can contact us by writing at the letterhead address or by phone at the numbers below. Thank you again for your time.

Sincerely,
HerSchy Environmental, Inc.



Reijo Ratilainen
Project Geologist
phone: 559.760.0037



Scott Jackson, P.G. #7948
Senior Project Geologist
phone: 559.641.7320

cc: Pritpaul Sappaul, Alaska Gas