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**Alameda County
Environmental Health**

From: Schaefer, Peter
Sent: Tuesday, November 30, 2010 2:30 PM
To: Wickham, Jerry, Env. Health
Cc: denis.l.brown@shell.com; Cool, Aubrey; Lescure, Daniel; Project Email Hold; Carter, Brenda
Subject: 240523-RO0360-4212 First Street, Pleasanton-November Status Update~COR-240523~

Jerry,

As Denis Brown discussed with you recently, CRA's initial review of the groundwater remediation pilot test using air sparging (AS) with soil vapor extraction (SVE) has found that the AS/SVE pilot test (PT) data is flawed.

The flaws in the PT data are likely due to high sparging pressure creating a preferential pathway between the sparge well (AS-10) and an adjacent well (MW-4). Subsequently, the PT data can not be used to determine the radius of influence for the AS/SVE system or demonstrate the efficacy of the proposed remediation system. In addition, it appears that there is insufficient data on the extent of the groundwater plume to the north and northeast of the site to define the extent of methyl tertiary-butyl ether in groundwater.

Per our telephone conversation November 30, 2010, CRA proposes to provide Alameda County Environmental Health with a further analysis of the pilot test data and a work plan to further define the extent of the groundwater plume. We will continue quarterly groundwater monitoring following the established monitoring program and will discontinue providing monthly status updates.

Regards,

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