

Site Summary 3628  
Chevron #90121  
3026 Lakeshore Ave.  
Oakland CA 94610

continued fm handwritten notes:

- 8/8/94 Reviewed 4/15/94 QR by GTI. GW sampled 3/7/94 flowed W-SW. Up to 26,000 ppb TPH-g and up to 5,700 ppb benzene (MW-2). This is an improvement from .02' FP on 12/20/93. They got MTBE in MW-1 and MW-4 at 12,000 ppb and 22,000 ppb. On 6/8, a customer drove away w/the filling nozzle in the car. . .1-2 gallons spilled onto the surface, and got under the dispenser. Based on the detection of MTBE and the drive off incident, **they think it is inappropriate to implement APC/NAA at this time**, as per the 10/4/93 Remediation Feasibility Study by PEG. MM recommends that overspill containment be installed around the fill risers of the USTs.
- 10/7/94 Reviewed 7/15 QR by GTI. They suspect MTBE due to the presence of an "uncategorized compound" in MW1,3,4. They'll analyze for MTBE in those wells in future QS. They'll install overspill containment around fill risers of USTs. GW sampled 6/17/94 had sheen in MW2, and flowed East, as per Fig 1, or West, as per MM's cover letter. **Could the wellheads have been damaged? TOCs distorted?** Up to 4300 TPHg, 710 benzene (MW1), and 2800 TPHd (MW4).
- 3/6/95 Reviewed 10/19/94 QR by GTI. Overspill containment has been installed. Up to 63,000 ppb MTBE detected (MW4). **They said it's not appropriate to implement NAA due to the MTBE.** GW sampled 9/12/94 had .01' FP in MW2. GW flowed offsite in two different directions; see Fig 1. Up to 6400 TPHg, 1500 benzene and 2500 TPHd (MW1). This represents an increase from last QS; but GWE decreased in that well.
- 3/7/95 Reviewed 1/11/95 QR by Blaine Tech. **MW2,3,4 could not be sampled this Q bec. (new) consultant (Blaine Tech) said they are too small for their bailers. Consultant has manufactured a specialized bailer to collect samples from these wells. I find this strange, bec. past consultants never had a problem. Blaine Tech does not have the proper signature. Scott Macleod is only stamping the potentiometric map, not the entire report.** GW sampled on 11/30/94 flowed both E and W off the site, and had up to 4900 TPHg, 690 benzene, and 2300 TPHd, and 3900 MTBE (all in MW1).

8/4/95

Reviewed 4/17/95 QR by BTS. GW sampled on 3/24/95 flowed W and E, with the center of the site as a high point. Although GWs all increased (except MW6 decreased), concs in many of the wells decreased this quarter. MW2 had 0.6' FP this quarter; GWE increased only by 0.5 feet. This is a huge increase in FP. No explanation for this. BTS certainly does not give any discussion or recommendations.

Wrote letter

DK's notes

3628 Chevron U.S.A., 3026 Lakeshore Avenue, Oakland, CA 94610

Review Second Quarter Monitoring Report-dated August 29, 1995. Benzene was detected in monitoring wells MW-1, MW-3 and MW-4 at concentrations of 1300 ppb, 640 ppb and 310 ppb, respectively. MTBE was also detected in wells MW-1 and MW-4 at concentrations of 5100 ppb and 32,000 ppb, respectively. Separate phase hydrocarbons were present in MW-2 at a measured thickness of 0.5 feet. Approximately 0.01 gallons of separate phase hydrocarbons were removed by hand bailing from the one inch diameter well. This is because only a minimal amount of SPH can be removed before recharge is no longer observed. Depth to ground water was measured at 3.9 to 11.4' bgs and the center of the site appears to be a high point with ground water flow direction to the west and east.

Suggestions/comments: Would the installation of a two or preferably four inch diameter well with a skimmer (EZY\* perhaps) be appropriate for free phase hydrocarbon recovery for a location in close proximity to well MW-2.



2a