

3/1/96 Reviewed 10/27/95 QR by G-R. GW sampled on 9/21/95 has mounded flow offsite. Source of Hcs in B9 is unknown. GWES decreased, and so did concs.

4/19/96 Reviewed 1/26/96 QR by G-R. GW sampled on 12/22/95 flowed as of on a gw divide, both NW and SE.

**Wrote letter to RP, allowing biannual sampling.**

3/17/97 Reviewed 4/24/96 QR by GR. GW sampled on 3/22/96 had divided gw flow: NW and SE.

3/28/97 Reviewed 10/30/96 Semi-annual gw rpt by G-R. GW sampled on 9/25/96 had divided gw flow (consistent). The 2/24/97 cover letter says they PLAN TO RECONSTRUCT THE SITE LATE THIS YEAR. WHAT ARE THEY PLANNING TO DO?

**WROTE LETTER TO RP, just bec its been a year since the last letter.**

1-10-97

1-10-97

# Dale's notes

459 Chevron Service Station #9-2506, 2630 Broadway, Oakland, CA 94612

11/2/95

Review file for JE. Review Gettler-Ryan, Inc. (GRI), "Quarterly Groundwater Monitoring Report"-dated July 14, 1995. Of the twelve groundwater wells installed to monitor the site, ten of these wells were sampled on the July 14, 1995 monitoring event. Four of these ten wells are significantly impacted with petroleum hydrocarbons (mainly TPHg and BTEX). Groundwater samples collected from these four wells from the July 14, 1995 monitoring event (B-1, B-3, B-5 and B-9) have detected concentrations of TPHg (3,000 ppb, 2,500 ppb, 58,000 ppb and 3,000 ppb) and benzene (610 ppb, 850 ppb, 2300 ppb and 130 ppb), respectively. Concentrations of these petroleum hydrocarbons do not seem to be migrating off site, however, these concentrations are not being significantly attenuated by natural degradation. Therefore a remedial action plan (RAP) needs to be developed for this site. Draft of RAP letter.

Did he send it?

don't think so.

6/1/95 Reviewed 2/10/95 QR by Sierra. GW sampled on 12/28/94 flowed in a similar pattern--mounding onsite, flowing offsite, both W towards Broadway and N towards 27th St. Concs are as follows: B4 had an order of mag increase in TPHg, B5 had an order of mag increase in TPHg and benzene, B6 had an order of mag decrease in TPHg, B7 had 2 orders of mag increase in TPHg and benzene, B9 and B12 had increases in TPHg and benzene. They included historic Sanborn maps, but they could not draw a conclusion from them.

8/25/95 Reviewed 5/9/95 QR by G-R. GW sampled on 3/29/95 flowed in a divided way, both NW and SE at 0.01 to 0.03 ft/ft. Max concs are in B5: 59,000 ppb Tphg and 1,500 ppb benzene. This is a decrease, even tho GWE increased. Concs in B1 increased, as did GWE. They want to continue QS for 2 more Qs. Is that all? We will see.

Site Summary STID 459  
Chevron #92506  
2630 Broadway  
Oakland CA 94612

continued from handwritten notes:

- 7/20/94 Reviewed 7/19 fax fm Resna. MWs to be installed on 7/26 and 7/27.
- 8/5/94 Reviewed 4/25/94 QR by Sierra. GW sampled on 3/17/94 flowed N, and had up to 60,000 ppb TPHg (B4) and up to 2,100 ppb benzene (B5).
- 11/4/94 Reviewed 7/15/94 QR by Sierra. **GW sampled 6/10/94 flowed NW to NE and had up to 110,000 ppb TPHg and 5100 benzene (big increases in B5). The new MWs have been installed. Report forthcoming. Not yet here.**
- 11/15/94 Spoke w/MM: I haven't received MW INst report yet. He'll check.
- 1/5/95 Received 12/1/94 "Environmental Assessment Report" by Resna.
- 1/11/95 Reviewed it: Four new wells installed (B-9 to B-12). **GW sampled on 11/2/94 flowed in a slightly complex pattern: N onsite, then east down 27th St. (toward Lake), and W-NW towards Broadway. Soil hits: all ND except 90 ppm TPHg in B9-5'bgs, and 8 ppm TPHg in B12-5'bgs. GW results: gw sampled 8/4/94 in the 4 new wells were all ND except in B9: 650 ppb TPHg and 4.4 ppb benzene. Since they changed consultants (from Sierra to Resna), they only include historical gw results since Resna began sampling (8/94). Why? Maybe they don't want me to notice that the 4 wells they requested to suspend sampling had hits. These should have been sampled in 9/94 and 12/94. Chevron wants to modify the QS program: suspend sampling in B2, B4, B5 and B7, bec. they provide overlapping data to other wells. I disagree: continue B5 and B7 (like guard point wells), but can suspend B2 and B4. Compromise, eh?**

Wrote ltr to RP

- 2/8/95 Reviewed 10/14/94 QR by Sierra. This was before they installed the 4 new wells. Gw sampled on 9/15/94 flowed towards Bway and 27th St. in an arc shape pattern. Major decrease in concs in B5, even though GWE increased. No real rhyme or reason to concs.