

- 3/8/96 Reviewed 11/3/95 QR by BTS. GW sampled on 9/28/95. Center of site is high pt, w/gw flow direction to W and E. 0.75' FP in MW2. Max dissolved concs: 6600 ppb Tphg, 1500 ppb benzene, 3900 ppb TPHd, 5800 ppb MTBE (MW1).
- 4/26/96 Reviewed 1/11/96 QR by BTS. GW sampled on 12/19/95 flowed E and W, with the center of the site a high point. There was 0.6 ft FP in MW2 (this thickness is consistent for the last 4 Qs). There is up to 44,000 ppb MTBE at this site (MW4)!!! This well is right next to the USTs. There has got to be a leak here!!! Lm Pam Evans about the high MTBE conc here. What kind of UST system do they have?
- 5/2/96 spoke w/Pam: THEY HAVE A TANK PERMIT. Gasoline UST failed SIR in 2/95 and 4/95, then passed after that. In 7/95, all 4 USTs and lines were tested for tightness, and they passed. So they're doing what they're supposed to do.
- I will call Chevron and see what they think as an explanation for higher FP in MW2, and high MTBE in MW4. Where is the 3/96 QR? Ask for the SIR data for 1996. They should be able to give 1st Q by now.
- Lm Phil Briggs re this in detail.
- 5/9/96 mess and fax fm RP: SIR for Jan to Mar 96. MTBE decreased in first Q. QR to me by 5/17.
- 5/10/96 spoke w/Pam: lm RP: first QR? I'd like a table w/FP removed each Q.
- 5/20/96 Reviewed 5/17 fax: first QR. Also received hard copy today. Reviewed 4/1/96 QR by BTS. GW sampled on 2/28/96 flowed offsite radially from a high point around MW1. Even though GWE increased in MW2 (typo in Table 1), the FP thickness decreased to 0.38 feet. Phoned BTS: lm for Keith Brown (sample collector): asked him to contact me before next QS (which should be within a week). Questions for Chevron: 1) typo for MW2 (GWE), 2) reporting TPHg as <10,000 for MW4, 3) how about reporting volume of FP removed in milliliters instead of gallons? What kind of device do they use to measure FP with in gallons? Must be a big container. Phoned Phil Briggs: lm
- 6/28/96 **WROTE LETTER TO RP, requesting repair of well boxes.**

7/16/96 Fran Thie of BTS phoned: they repaired the wellboxes. They were out there on 7/9. He will document this in writing. The GWE for MW2 was actually not a typo; they give a factor for FP based on thickness; it was coincidental that the GWEs were the same; note that the FP thickness was different for the two events. Re reporting TPHg as "<10,000 ppb" -- they did this bec Dls were raised due to high MTBE. But the previous quarter had even higher MTBE conc, and they WERE able to report TPHg in actual numbers. Re reporting FP removed in mL instead of gal? Field data sheets ARE in liters. OK; well keep it in gallons. I can just refer to the field data sheets.

8/22/96 spoke w/Nanette of Rbt Lee: she submitted a plan to do repiping at this site. Have I approved it yet? Tom told her that I had already looked over the drawings. But the contractor wants to start work Monday 8/26. Oh well. Spoke w/Tom: he told her that it would take 1-2 wks to review the plans. He did not tell her I had already reviewed it, but rather just seen it, bec I had a post it. Jean Castro of Rbt Lee phoned. Needs the approval. Told her the less time I spend on the phone talking about the approval, the more time I will have to actually review plans. Told her Im working as fast as I can, and its been a very busy summer with closing sites under new guidelines, and tank removals. Didnt even take vacation this summer.

8/23/96 Reviewed piping removal plan (Tank Closure Plan), submitted by Rbt H. Lee. Rina Krakovsky from Chevron signed it. Who is she? Contractor did not sign. Pam Evans is overseeing the piping installation. This project is a piping modification, aka repiping. Spoke w/Jean Castro: Asked her about the length of piping mentioned on pg 2. They have 540' for 3 fuel lines and 1 vent line. So 540' divided by 4 = 135'. 135' x 3 fuel lines = 405' linear ft. 405 divided by 20 = 20 (1 per 20 linear ft) samples. The 3 lines are nested together, about 10" apart, center to center, and pipes are 3" in diameter, fiberglass. **I will check into this.** Re page 4: #14: She doesnt know if contractor wants to work around tanks w/heavy equipment w/tanks full of gas. They might want to pump out gasoline, and fill them w/water, so that the gw table doesnt lift up the USTs. Concrete will be removed from above tanks. They are replacing turbines above tanks w/leak detection equipment (Numonitoring equipment). Page 6, #18: she thinks its Matson. **I will check w/Normas record book first.** Rina is Chevron engineer; her # is 842-4387.

8/23/96 Bill Armer came in to pick up the plans. He said Rbt H Lee changed contractors fm Gettler Ryan to Armer. OK, but why didn't Jean tell me when we spoke 10 min ago? It was fortuitous that I just stamped it approved 5 min ago! So I made copies, and gave 2 copies to him. He said the installation should occur before Sept. Told him Pam would be out next week, and I'd be out first wk Sept. He said they will not be pumping gas out of tanks, but just pumping the gw from around the USTs, treating it w/carbon, and discharging to sewer under permit. This will occur for the entire approximate 45 days that the concrete is off the USTs. OK.

Spoke w/Jean Castro: don't these FG USTs have hold down straps? Scott says they're required. She says most of them do. But the product in USTs should also hold them down. She doesn't know why they wd want to pump out gw from around the USTs. She will contact Armer Co. And have someone fm there call me.

I SHOULD CONTACT OFD--BRIT OR LEROY--AND TELL THEM OF THE IMPENDING HAZARD ASSOCIATED W/THIS PROJECT.

8/27/96 Bill Armer phoned: They dug down to top of one UST. There are indeed hold-down straps. They have not encountered gw yet at 44". He hopes USTs will contain product, in order to help hold them down. They will be careful not to drive vehicles over the USTs. He wants to do piping removal on Sept 3, Monday at 9 am. Jeff fm Touchstone will be sampler. Told him SOS will fill in for me. He will contact OFD for piping removal.

9/3/96 SOS onsite for repipe. See field notes.

9/13/96 Steve Kurchek from RRN Inc phoned: 408-662-9454 He's working w/BTS. Found a 24" recovery well (steel casing) close to UST complex. They want to abandon it in place. Will be faxing me a well abandonment request form. No boring log available. Shallow well, about 20' deep. Phoned Phil Briggs: putting in overspill protection and new lines, not new USTs. The RW was installed in 1981, as per his past notes. Used w/a pump and treat system, which operated a short time. Located between USTs and property line. **Is there any FP in the RW?** He looked down, and didn't see any; water is close to the surface. They want to pump out the water fm the RW while they pour the concrete. Consultant said it's more like 27'bgs to gw. He'll have them send a plumb down and get DTW, and I asked for a bailer to determine if there is FP. He thinks it was put in the backfill, not drilled. If they try to pull out the RW, they may destroy the sidewalk. Told him that if it wasn't permitted for