4-12-99 Cept mess, son Perek Cee is he had any resewations concerning approxing workflow son the In-Silu Chanical Oxidation Pilot Sludy tabel 3-8-99 grefard by De O7.

Left a mess. son Sana Brothers that I'm waitry son a response from Rwacz.

4-13-99 Perek @ Rwacz left a moss that he spoke to hobort Songa of DTSC, and he asked Rwacz to hold

Salon Mac. - Ko385

Reviewed 6/26/96 letter fm RP. RP says that corrective 7/2/96 action at their site is being overseen by Robert Senga at DTSC, who has requested that all inquiries by local agencies be coordinated through his office. They "foresee that the issues mentioned in my 5/21/96 ltr will be addressed thru cooperation w/the DTSC." That is his way of saying that he does not intend to cooperate w/my meager request. Discussed w/SOS: I asked him if DTSC has the authority to take over a UST case? He does 562 not really know. Phoned Rbt Senga at DTSC: \$10-590-4882, and left a voice mail message. Mess fm Rbt Senga: S-K is doing corrective action, including gw investigation, as part of the permit. What permit? Phoned RS again: lm: what type of permit? Told him Im overseeing the cleanup and monitoring related to leaking UST. And that I asked them to change their QS months, but they said it would be too much work. Did he get the 6/26 letter addressed to me?

spoke w/Catherine Libel of DTSC: The site is a RCRA site 7/5/96 bec it has a haz waste permit under RCRA (Corrective Action section) 3008. This law gives them authority to oversee all S-K activities. They have been ccing me on their letters. I should have ccd her on my 5/21/96 letter. She would invite me to a mtg in Oakland next time they have one w/RP. She asked for a copy of my letter, and said they wd try to incorporate my request in their requirement. She is the PM, but they also have a geologist on staff who helps review things. How long has DTSC been involved w/this site? She took it over last year, but Berkeley office had been working on it, but maybe not as actively. S-K has been a difficult RP for them. Told her that Jennifer Powers of Caltrans said that they have a library of Phase I and II reports done for the freeway project. The library is in the Glove Bldg, located near the S-K site. Gave her # for Alan chow: 286-5646, although he is not the right person. That library may yield info on the UG property.

Faxed her my 5/21/96 letter.

- 3/18/97 Reviewed 10/23/96 QR by Secor. GW sampled on 7/1/96 flowed SW. MW8 had 1,352 ppb 111-TCE in 7/96; big increase.
- 7/30/97 Reviewed 1/15/97 QR by Secor. They did a non-purge study. Still doing SVE (see pg 4-1). Still recovering mineral spirits via passive recovery skimmers and hand bailing in MW9 and RW1. GW sampled on 11/1/96 flowed SW. There still are high concs of HVOCs, in both UG and DG wells. Strange.

3/22/96 mess fm C. Libel (a bit disjointed and difficult to decipher): The TCE plume will NOT be investigated separately. The whole site is being investigated (RFI). TCE remediation may occur in the future as the invest. Proceeds.

(This seems weak, confusing to me.) How can they require S-K to remediate the TCE when S-K won't even investigate the source? And DTSC doesn't want to push them to invest the source? And DTSC isn't doing it themself?

- 4/3/96 Reviewed 3/27/96 "RCRA Facility Invest. Report" (RFI) by Secor. This was submitted to DTSC. Great color TCE maps. GW pump and treat has not been done bec it wd move the TCE onto the site (p. 4-1). They will only do so if the TCE has been mitigated by the Rps (p. 5-1).
- Reviewed 3/13/96 QR and SVE report by Secor. Covers 12/95 thru 2/96. SVE was modified to a carbon adsorption vapor abatement system and restarted this Q. GW sampled on 1/9/96 flowed S and SW at 0.005 ft/ft. Fairly consistent. ND TPHms and BTEX in all wells. True. TCE has decreased in MW4 and increased in MW8 (since 1/95). GWE in MW4 was 2.21 and 1.61 in MW8 on 1/9/96. GWEs in 1/95 were 2.41 and 1.79; very similar; approx 0.2' lower in 1/96. Could this acct for the decrease in TCE? Doubt it. Its not a floater, hung up in cap. Fringe. The annual sampling is occurring in April; it wd be better to occur in Jan. It wd also be nice to get a table of historical GWEs (to compare more easily, at a glance).

I should call RP and ask for these 2 items.

6/13/96 Chuck Prokop phoned from S-K. He said they are already under auspices of DTSC. Doing Q sampling on some wells, semi-ann and ann on others. They are a RCRA facility. Thinks my request in my 5/21 letter is unreasonable. Will generate more paperwork. I think that the request was to change the semi-annual schedule to the 1st and 3rd Qs. I asked him if DTSC was overseeing the UST release. He said yes. I asked him which agency was involved first. Thats when he said he would put this in writing, requesting they be overseen by one agency alone. Fine with me. One less case, eh?

- 12/11/95 tc w/G. Hoehn: SVE system was up 11/28/95. Any Mws at Francis Plating? RFI workplan being submitted under RCRA. I asked what would it take to remediate TCE? Pump and treat, but they don't want to pull in TCE onto site. Mineral spirits has low concs of HVOCs. Mw13 deep well, sampled ann for HVOCs, is ND. RE TCE plume and the increase in Mw8: maybe UG plume is moving thru, (FP still on gw), but DG Mw2 is ND. Another plating shop next to Mw12. On other side of Brush St. Other side of 4th St. Who should be the lead on ID'ing UG source of TCE?
- 12/13/95 Phoned Frank Castro Wehr of Ecology and Environment's TAT: 415-777-2811 X209 He said his notes do not indicate if they had TCE. He has seen TCE in a vat at other sites; used as degreaser. They hired Earthco to do cleanup. Then Earthco bought the facility. Randy the mgr is very competent. They started a remediation equipment cooperative. No wells installed.

Phoned Randy Louis or Lewis at Francis Plating: 444-5535 Francis Plating has been there 38 yrs. Truck maintenance in 1945. He's been there 10 yrs. Never did vapor degreasing (where you use TCE). Most of their parts come in new and clean. Uses citrus safe as degreaser. No wells. CalTrans uncovered a "historical" site where they are now bldg the freeway. They have an office on 7th St. near Peralta in Glove Bldg. Maybe they did sampling.

- 1/3/96 spoke w/C. Libel: she said that SK would be responsible for ID'g the UG source of TCE, as per Title 22, Sect. 66274.99(f). She is writing a letter to them, requiring such. Will cc me. I in turn will cc her on my letters. DTSC will be the lead on the TCE investigation.
- 3/12/96 Reviewed 2/1/96 cover letter from S-K, 2/23/96 letter to S-K from DTSC, and just the intro of the BIG WHITE BINDER: RCRA Facil. Invest. WP, (aka the RFI) by Secor, dated 2/1/96. S-K did not provide additional info re the UG TCE plume, bec they believe it is not their responsibility.

Lm for C. Libel of DTSC: what is their response to this
RFI wp?

3/21/96 Reviewed 12/29/95 QR by Secor. GW sampled on 10/12/95 flowed SW at 0.003 ft/ft (consistent). TCE decreased in MW4 to 207 ppb. Big increase in TCE in MW8 (557 ppb). MW12 also has 95 ppb TCE. No conclusions.

Phoned DTSC again and lm again. Haven't heard from her.

- 7/7/95 Spoke w/Greg Hoehn: he said SVE should be up next week. QS on Tues July 11th. Steve McCabe went out there w/CalTrans. That well (MW10) is gone. They found piece of PVC. Steve was just out there yesterday. So he'll fill out a well abandonment form w/Zone 7. They initially wanted to abandon it bec MW4 is another UG well. They'll document the well abandonment. Any photos? Maybe take some on Tuesday. As for HVOCs, they may be coming from UG. There were many Rain for Rent tanks on a site near 6th and Brush. Looks like metals precipitation. He thinks it was a state Superfund site. It burned down. This may be Francis Plating.
- 12/4/95 Mess fm Katherine Libel (?) Of DTSC in Long Beach: she is reviewing this case, and another site located UG of S-K. I do not know what UG site she is referring to.

 Lm. 310-590-4895

Reviewed 10/2/95 QR by Secor. The SVE system is still down! However, the skimmer pump in RW1 is still operating. GW sampled 7/11/95 flowed SW at 0.004 ft/ft. MW10 was destroyed by CalTrans on 7/12/95. Still high concs of TCE in MW4 and MW8 (247 and 163 ppb). Secor forgot to list previous TCE cons in MW4.

lm Greg Hoehn re the Table and re SVE system status.
Ask what it would take to include TCE remediation. Look
at MW8 and the big increase in TCE this Q.

Spoke w/Catherine Liebel: S-K submitted a wp (or a report) to her called "RCRA Facility Investigation," dated 9/95. It is NOT necessarily for new work, but rather a remediation status update. They have a treatment/storage state permit, so they must clean up to state standards. They are basically ok. She wants to know if we have ID'd a RP re the TCE problem. heard there is a plating shop--I think she means Francis Plating, but those shops do not use TCE. She'll put me on the cc list for their correspondence. Why isn't Berkeley DTSC handling this? All S-K (statewide) is handled by her office. Will we require 8-K to clean up the TCE? What would it take? Perhaps the SVE system is already helping. TCE has had an overall decrease in MW4, although it showed a big increase in MW8 this last quarter. Strange.

4/28/95 Reviewed 3/30/95 letter fm S-K. Anne Lunt will no longer be the PM; new contact is Mr. Edward Prokop, and his (new) mailing address is: 16540 SE 130th St., Clackamas OR 97015 (tel 503-655-5798). Must change RBase for RP address. They should have the system online by 4/30, this time using carbon. What is the current status of the SVE system?

Reviewed 3/28/95 QR by Secor. GW sampled on 1/4/95 flowed SW at 0.003 ft/ft (towards the Bay). MW9 had 0.31' FP; this is a decrease. (The SVE system is still down.) Avg GWE increased by an avg of 2' this Q. HVOCs in UG MW4 and MW8. Let's investigate possible UG sources of HVOCs. What's strange is that when MW10 had low hits of TCE, MW4 had much higher hits. Could 5th St. be intercepting some HVOCs? DTW in MW4 is approx 8'bgs.

phoned Greg Hoehn: SVE system is still down. They submitted AQMD permit modification on 4/13/95, and are waiting for their response. How can they gain access across 5th St. to MW10?

- 6/8/95 phoned Greg Hoehn: left message re status of SVE system.
- 6/15/95 phoned Greg Hoehn: his carbon units are being shipped to site next wk (fm another S-K site). It's just a matter of hooking them in. He has the AQMD permit. Got it last week. I asked him to keep me posted.
- Reviewed 6/28/95 "Q GW Mon and SVE Report," by Secor.
 GW sampled on 4/10/95 flowed SW at 0.005 ft/ft. Page 31 says gw sampled in MW6, MW8, MW11, MW12, and MW13;
 these are the only wells on a quarterly schedule. But
 MW1, MW2, MW3, MW4, MW5 were also sampled, as they were
 scheduled. Why didnt they sampled MW10? Do they still
 maintain it is inaccessible? GWEs increased by an avg
 of 1 foot since last Q. MW9 had 0.60 ft FP this Q (this
 is an increase of .3' since last Q). The SVE system is
 still down. HVOCs in UG wells MW4 and MW5, as well as
 many other wells. The biggest hits of TCE have been
 consistently found in UG MW4 (440 ppb TCE this O).

Site Summary STID 3279 Safety Kleen 400 Market St. Oakland CA 94607

continued fm handwritten notes:

- 1/12/95 Reviewed 10/10/94 QR by SECOR (new acronym spelling).

 GW sampled on 7/19/94 flowed S-SW at .003 ft/ft
 (consistent). ND BTEX in all wells; 200 ppb TPH-ms in
 MW4 (unk HC consisting of a single peak; no ms or fuel
 pattern), and 1.11' FP in MW9. Only HVOC detected is
 410 ppb TCE in MW4. This is the first quarter that the
 reduction in frequency took place. MW10 should have
 been sampled; it's semi-annual now.
- 2/24/95 Phoned Greg Hoehn; told him he doesn't have to send a copy of reports to RWQCB. SVE went down at end of Nov., and hasn't been restarted. Purus people and S-K are in disagreement; that's why system has not been restarted.

Reviewed 12/22/94 QR and SVE Report by SECOR. Page 2-1 says "system down for installation of UST cathodic protection;" during such excavation, the SVE piping was damaged. Has this been repaired, and has SVE system restarted? Ask S-K. GW sampled on 10/19/94 flowed S at .003 ft/ft (consistent). Phoned Anne Lunt for update on VES: system is still down. Their vendor (Purus) says system is not per electrical code. But Purus installed the system. Their lawyers are involved. She'll call them on 2/27 monday am. She hasn't heard from them in past 2-3 wks. She'll write a memo to her file. She'll get back to me mid next wk.

spoke w/Greg Hoehn of SEACOR: Been trying to get electrical inspection from City for about 1 month. But City won't do it bec it isn't a new system. But now they're trying to get a regular electrician to do inspection. Don't have date yet. Needs to get final ok from S-K (Anne Lunt) first. Secor is in charge of getting the electrician. Hopes to get system back by end of March. They may have to switch to straight carbon, instead of Purus first, then carbon. They can do this w/out the electrical inspection. System has been down since end of Nov. (?) I'll write a ltr. 1390 Willow Pass Rd.

Wrote letter to RP