

3-24-2000

Ask John D-Agostino @ 925-946-0455 for the following:

No Sigal
sample

1) Final report for the three groundwater samples GWS-1, GWS-2 & GWS-3 taken on 11-17 and 11-22-95

PRG values,
See P. 8

2) Where and when were soil samples taken that had 1,4 ppm benzene, 1,900 ppm ethylbenzene, 690 ppm toluene and 990 ppm xylenes in risk assess.

Will
get
void copy of bid,
request copy of
signed contract for
disposal or receptor
manipulation.

3) Receipt for the sig. of 500 cu yds. soil
want to Kettleman City

4) RBCA - was a Tier 1 or Tier 2 performed? RBSL
used in cleanup report doesn't match Tier 1
look-up chart even though report said
it is Tier 1, Tier 1

5) Was there any pipeline removed? where were they
located?
None

10-24-00 Spoke to Mike Grant, and he said
he will have the monitoring wells
decommissioned before winter.

IMPORTANT MESSAGE

FOR ES / MJM.

DATE 2/23 TIME 8:55 A.M. P.M.

M. Brian

OF Canonie Env.

PHONE 573 8012

| AREA CODE | NUMBER | EXTENSION |
|--------------------|--------|-------------------|
| TELEPHONED | | PLEASE CALL |
| CAME TO SEE YOU | | WILL CALL AGAIN |
| WANTS TO SEE YOU | | RUSH |
| RETURNED YOUR CALL | | SPECIAL ATTENTION |

MESSAGE

RE: Southern
PACIFIC

2nd Back-gill excavation for Bill Young.
I tell him that sampling
on the opposite side of the stream
on the side of the balls maybe
required beside the samples
taken at the bottom.

SIGNED

LITHO IN U.S.A.

TOPS FORM 302S

1/9/97

filtered (silica gel cleanup) vs unfiltered (no silica gel) showed TPH results 3 orders of magnitude lower with silica gel, but still, they got results two orders of mag higher during the 3/96 sampling (as compared to 11/95). Why? Maybe bec gw in the 3/96 sample occurred at 1.5'bgs bet the "RR ballast" and sandy fill, while gw fm the 11/95 samples occurred bet 4.5 and 8.5'bgs.

Phoned J. Ackerman: He thinks the gw table rose quite a bit, fm Nov to March. Ballast is a granitic rock, chunks of rock, coarse gravel. No ballast in GWS-3 bec it was at edge of parking lot. Why couldnt they log all of GWS-2? He lost some of the sample. An obstruction, like rock caused lack of sample.

WROTE LETTER, saying case will be evaluated for closure asap.

4-28-94 N
8-16-94 NE 0.017
11-9-94 S 0.013
2-16-95 NE
5-11-95 E
8-8-95 NE 0.007

2/5/96 James Ackerman phoned: Report is being reviewed now. Did I request QS for 4th Q 95? Dale wrote they didn't have to. No such notes from me. They DID sample 4th Q, however. HP results had 9,000 ppb diesel, 1.3 ppb xylenes, ND benzene.

2/29/96 Mike grant phoned: wants to eval this site as "low risk." Wants to resample site w/HP and use filter, silica gel cleanup on 8015 to ID what range Hcs are in. Why? It removes particulates (filtration) and globules. Filtering w/.45 micron is pretreatment, follows SW846. Will split samples and run regular 8015 also. Friedman and Bruya paper. He did not want to submit another wp. He will send F&B paper first.

3/11/96 JA phoned: they want to do HP invest AGAIN on 3/14. Starting about 10 am. Why? 1) too much sediment in the HP sample most DG of UST, 2) didnt run split samples. Wants to use silica gel cleanup to remove the biogenic matter. Microbes change and oxidize.

Reviewed June 95 "White Paper: recd analytical reqmts for soil and gw samples afected by Hcs" by F&B, etc. Put in file called "labs."

7/18/96 Mike Grant phoned: he received the report re Geoprobe. Then submitted it to Geomatrix, bec they have expertise in TPH in gw using silica gel (Dawn Zemo). They have results with and w/out silica gel to compare. Got 120 to 180 mg/L range without silica gel. Got 690 ug/L to 880 ug/L (<1 ppm) with filtration and silica gel on same samples. Hes seen this at other sites in Oakland where they ran the same procedure. Filtration takes out solid particles that may have oil sorbed onto particles. Uses 0.45 micron filter. The contaminant is diesel. Cant run it on gasoline bec it is too volatile. **They will be requesting closure under "low risk" guidelines.** Sorry its taken so long. I should have it within a month.

1/8/97 spoke w/James Ackerman: They decided to include this rpt in a closure request. Mailed it to me on 12/5. Last QM rpt was 3rd Q 95. That was the last QM done. OK; we have it; Dale reviewed it.

1/9/97 Reviewed 12/5/96 "Request for Site Closure," by Terranext. This includes the Hydropunch invest results, and 4th Q results. All together! **GW sampled on 12/8/95 flowed N at 0.025 ft/ft.** Once again, gw was ND for TPHd, TPHmo, and BTEX. Hydropunch results taken in 11/95 showed ND BTEX except 0.84 ppb toluene and 1.3 ppb xylenes, and up to 9,000 ppb TPHd and up to 3,100 ppb TPH motor oil. HP results taken in 3/96 compared

Dale K's notes:

3748 Southern Pacific Transportation Company, 5th Ave. and 7th St. Property, Oakland 94606

11/1/95 Placed call to James Ackerman 238-9540) of Industrial Compliance, Inc., concerning site 3824. He state that site STID 3748 was non-detect for six quarters, need to pull JE file and approve work plan to collect grab groundwater sample in location of former tanks, due to fact that the location of the original monitoring wells were incorrect.

11/3/95 Pulled and reviewed file concerning IC request. Review IC "Addendum to Workplan Dated July 13, 1995"-dated September 27, 1995. Draft letter approving hydropunch sampling point. Letter sent.

Review IC "Second Quarter 1995 Ground Water Monitoring Report"-dated August 4, 1995. Groundwater flow this quarter is in a easterly direction with a calculated hydraulic gradient of 0.002. TPHd, TPHmo and BTEX were not detected in any of the wells sampled, at or above their respective reporting limits. TDS values for the three monitoring wells were between 490 mg/L and 1350 mg/L.

11/7/95 Call from Mike Grant from USPCI. Give a look at the file. He's implementing workplan. Wants just to take gw levels measurements. 415-541-2838. Reviewed second quarter 1995 GWMR-dated 8/4/95. All three monitoring wells have been non-detect from TPHd, TPHmo and BTEX, with the exception of MW-2 which reported 750 ppb of TPHmo for the 8/16/94 sampling event. Where's 3rd quarter GWMR? On Jennifer's desk in pile of reports. Reviewed 3rd quarter 1995 GWMR-dated October 25, 1995. ND now four mostly six quarters. Will OK request. Draft letter approving GW measurements only. Final draft of letter sent.

★ I thought they'd do several HP pts.

James: Did HP on 11-17 - did several for client, altho wp said one. To delineate. Got FP on clay. No PID hits. Product odor.

Wrote ltr to RP. Mike Grant is the SP contact (415-541-2838).

6/29/95 mess fm and to Mike Grant: 415-541-2838

7/5/95 spoke w/M. Grant: He sent a recon team to the site. They'll have to replace MW1. It's possible that the location of UST pit and MW1 are not accurately depicted on the site maps. They'll determine this. They suspect that the UST pit is actually further West. If it is, MW1 will be too much to the East. He's thinking of putting in 2 new MWS. The need for MW1 and MW3 is now questionable. MW1 has had variable GWs. He'll write a ltr explaining what they want to do. This is what we need to do: wp for 2 new Mws, abandonment of MW1 and 3, and a revised base map. If he can't make the 7/14 date, he'll phone me back today.

7/21/95 Reviewed 7/13/95 "Workplan for Inst and Samplg of Additional Mws" by IC. They propose 2 more wells. They think the UST pit is not where their site map shows it. This wp does not have locations of the new wells because they have not yet done the site recon. But they want one well N and one S of the former USTs. **Theyre still not sure where the USTs were located (pg 3).**

Phoned IC: spoke w/J. Ackerman: he has another map, dated 12/21/88, which was from Canonies tank removal report dated 4/18/89; this map shows the tanks in relation to a scale house and to the locker room. The scale house was there until the tracks were removed (early 90s), but the locker room is still there. The scale looks reliable. He also has aerial photos. The aerial photos have the scale house, as does Canonies 11 x 17" map. The aerial photo also shows a freshly dug up area. Jim Jensen made a fence diagram (cross section that bends) between wells. It shows clay bet 2 and 4' bgs. Its Fig 7 in the 9/2/94 IC report. **Hell send me the Canonie map and aerial photo (copy). Hell let me know when they do the site recon.**

8/15/95 **Site visit: met James Ackerman of IC and Mike Grant of SP. They agreed to submit revised wp for Hps in tank pit.**

8/24/95 Reviewed 6/16/95 QR by IC. **GW monitored on 2/28/95 flowed NE at 0.006 ft/ft. GW was sampled on 2/16/95 except MW1, which was inaccessible due to construction. Concs in MW2 and MW3 were the same (ND). This is the 4th quarter.**

Site Summary STID 3748
Southern Pacific
5th Ave. and 7th St.
Oakland 94606

continued fm handwritten notes:

11/3/94 Reviewed 9/2/94 "Soil and GW Invest. Report," by IC. Field activities were conducted in April 94, as per the 6/18/92 wp. They installed 3 MWS. MW2 and MW3 were moved approx 300' westward from where we had agreed, due to "utility lines and RR tracks" (see p. 11). GW encountered between 2.0'bgs and 4.7'bgs. GW sampled on 4/28/94 flowed N, although the 3 wells are hardly an equilateral triangle. North is away from the bay, which is counter-intuitive. Soils in the borings were analyzed only at 1 and 1.5'bgs: ND TPHd, ND TPH-mo. GW was ND for everything: TPHd (<50 ppb), TPH-mo by 8270 (<200 ppb), BTEX (<.5ppb). TDS ranged from 460 to 680 mg/L. . . . They think no lateral or vertical migration has occurred, and the potential impact at the site is low. . . they'll continue to monitor gw for 4 Qs. The SP from the 2/89 tank removal was to have been sampled, but it's missing. (p.40)

5/31/95 spoke w/J. Ackerman of IC; he wants to know if we wrote them a letter since receiving the 9/2/94 IC report. NO. They have since submitted Qrs for 3rd and 4th Qs of 1994. They have yet to submit QR for 1st Q 95. But will be looking for closure at that point. Looks like we owe them a letter.

Reviewed 3/1/95 QR (3rd Q 1994) by IC. GW sampled on 8/16/94 flowed NE at 0.017 ft/ft. Again, this is away from the Inner Harbor; strange. GW was ND in MW1 and MW3 for TPHd, TPH-mo and BTEX, but UG MW2 had 750 ppb TPH-mo. Slight decrease in GWE in MW2 and MW3; substantial decrease (approx 5') in GWE in MW1.

Reviewed 3/29/95 QR (4th Q 1994) by IC. Gw sampled on 11/9&10/94 flowed South at 0.013 ft/ft. This is a change in gw flow direction; towards the Inner Harbor finally. GWE increased substantially in MW1 (approx 8'), while only increasing approx 2' in MW2 and MW3 each. GW was ND in all 3 wells for TPHd, TPHmo and BTEX.

Spoke w/J. Ackerman again: GW flowed NE in Feb 95, and E in May 95. Closest pt is 1100' from Inner Harbor. Maybe they're under tidal influence.

6/30/92

Southern Pacific, 5th Ave. and 7th Street, Oakland 94607 - LOP 3748

4/29/92, sent a letter requesting (PSA) Prelim. Site Assmt.

5/13/92, telephone call from Mike Grant of Southern Pacific Transportation Co., (415) 541-2838. He wanted to do Hydro-punch study. I explained why we and the RWQCB require monitoring wells.

6/19/92, PSA Site Workplan received via Federal Express. Due to Air Monitoring School the week of 6/22/92 I was unable to review.

6/30/92, I telephoned Mark Dockum of SP Environmental Systems (916) 369-8971 to inform him that the case is going to the LOP Unit effective 7/1/92 and gave him Susan Hugo name as a contact person.

Union Pacific, 1750 Ferro St., Oakland 94607 - LOP 2044

4/29/92, sent a letter requesting a PSA to Union Pacific and the Port of Oakland.

5/13/92, received a letter from Andrew Clark-Clough of the Port of Oakland stating that the tenant is responsible for the contamination.

5/27/92, letter from Port of Oakland Legal Department to Union Pacific, putting them on notice that must comply with County's requirements.

6/10/92, fax from Harry Patterson, Union Pacific (402) 271-4078 asking permission to use USPCI a subsidiary of Union Pacific as the project consultant. I telephoned Rich Heitt of the RWQCB, he has no objections, neither did Paul. Mr. Patterson informed.

6/30/92, telephoned Mr. Patterson to inform him of the transfer to the LOP Unit and told him Susan Hugo would be the contact person.

Chevron, 3026 Lakeshore Ave., Oakland, 94610 - LOP 3628

5/11/92, approved a workplan to install 4 additional monitoring wells.

6/2/92, revised site plan for monitoring wells faxed to Paul Smith.

6/30/92, telephoned Nancy Vukelish of Chevron 842-9581 to inform her of the transfer of this case to the LOP Unit, and that the contact person will be Susan Hugo.

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4-13-94 J. Jensen phoned. It's only ~3' to go, so they propose to do 3' grout, 1/2' bentonite, 1/2' sand, then screen (starting at 4'). OK. Don't know if tide is in or out. PUC regs don't allow them to build MW up above ground surf.

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4-7-94 Rec'd fax fm JJ. (ltr dated 4-7).

They revised their schedule.

They propose 8270 instead of 418.1 for TPH-mo in gw, bec. 8270 ID's the type of petroleum.

Discussed w/BC & JJ (conference call).

JJ sp w/the lab, who recommended it.

The lab can ID bunker C w/8270 fuel ID.

It's one analysis for heavy MCs vs ~~two~~ analyses (TPHd + TPH-mo). The lab is Coast to Coast - BC feels comfy w/them - The lab ~~sp~~ won't report the PNA's.

The pipeline rerouting was delayed 1 yr. so that's why they're going in to drill on 4-12.

Emb. exit. under freeway onto 5th Av....

start MW1+2 in am, do MW3 in pm.
He'll get a pager on ~~to~~ Mon.

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11-3-93 Mtg w/J. Jensen + JE

He'll put 2 MWS in DG direction
+ 1 MW in UG direction.

+ pipeline He'll revise map + include 3 MWS,
then submit to us in ~ 2 wks.

1-13-94 met w/JJ. Will write ltr next
few days; then give it to SP. He'll
submit revised map also.

3-7-94 Rev'd 3-2-94 ltr fm IC. Sp w/JJ.

We agreed on 2 DG MWS + 1 UG MW.
He has the opposite on his map.

Ran map info + faxed 2 pp. to JJ.

3-9 Sp w/JJ. He wants me to check out gradients
of nearby sites. I did. No definitive
info, however, but we think it's W-SW.
JJ will revise site map + fax.

3-11 Rev'd revised site map. Looks ok.
drilling on Thur. 3-17. Don't need to write
OK ltr bec. TP wrote one 11-16-92.

11-1-93 Jim Jensen
5th + 7th St. ~~4~~ 4 USTs. Santa Fe diesel
pipeline ^{onsite} is being moved, so Jim wants to
wait until this is done. Delay 1 mo.

~~STAD~~

~~10⁰⁰~~

~~4450- 11⁰⁰~~

PAGE 1

STAD

3748

11²⁵

will call back

letter Nov 16-92

proposal to install only 1 well - unacceptable

had 4 tanks - 16,000 ppm TEPH

9/10 Jim Jensen

Industrial Sect

Completed 9/16/92 2971

2 - 5th & 7th Ave S.P. side -

8-26-93

3:30

Rah Doehner

8-15-95 Site Recon



Industrial Compliance

A Subsidiary of
SP Environmental Systems, Inc.



James Ackerman
Geologist III

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Southern Pacific

3748

11 days in
recon

~~Conice Mitchell~~
~~Tom Beckler~~

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