

Drogos, Donna, Env. Health

Subject: RO156, 1285 bancroft
Entry Type: Phone call

Start: Thu 10/31/2002 11:15 AM
End: Thu 10/31/2002 11:15 AM
Duration: 0 hours

Melody Munz, Cambria, 510-420-3324

She submitted work plan 10/15/02 & scheduled drilling fro 11/4.
Don Hwang told her he had questions on WP & planned to discuss with me.
Told her Don is out of the office & we have not discussed WP.
TOld her she needs to allow regulatory review time before beginning/scheduling work.
She plans on awaiting ACEH comments & rescheduling work.

CONTACT LOG (1285 Bancroft, San Leandro)

- 10/15/99 Called Danyk Ataide, Cambria, (510) 420-3339, and inquired as to the submittal date of the Well Installation Report for the four monitoring wells that were installed at the site in May 1999.
- 10/15/99 Called Karen Petryna, Equiva Services, 559-645-9306 + left message requesting that she get back to me w/ status of well installation report + to explain delay.
- 10/18/99 Danyk Ataide, ⁵¹⁰⁻⁴²⁰⁻³³³⁹ Cambria, called to say that the Well Installation Report will be to the County by Oct 29 '99. The delay was caused due to Cambria trying to get bids on hooking the site w/ the irrigation well up to municipal water.

CONTACT LOG (1285 Bancroft, San Leandro)

07/14/99

Called Daryk Ataide, Cambria, (510) 420-3339. Asked when the well installation report would be submitted. He stated in ~ 1 month - by early Aug. 99. Also, I discussed options Cambria + Equiva had for dealing w/ Irrigation Well. According to Grace, CWP, cost of hooking up to EBWD at property would be \$20,000. If Equiva doesn't hook property up to City water, they will have to sample well regularly. If irrigation well containers to be pumped, then Equiva should look into whether the pumping of this well could influence plume migration, & ultimately Equiva may have to pay for City hook up anyway. Mr. Ataide stated he will discuss w/ Karen Petryna, Equiva. For now, they will continue to monitor irig. well on quarterly basis, & look into getting more info on its construction.

07/21/99

Daryk Ataide called & left message stating that he discussed the irrigation well issue w/ Karen Petryna. They want to work w/ property owner to get them hooked up to City water. Karen Petryna wants to do some plume containment, which will include weekly vacuum extraction of g.w. from Well MW-5. The Well Install. Report will be submitted w/ these recommendations in 2 weeks.

CONTACT LOG (1285 Bancroft, San Leandro)

06/21/99 Called Darryk Ataide, Cambria, (510) 420-3339. Left him message stating that the irrigation well may need to be turned off and that Equiva will then need to reimburse CWP Properties. However, if Equiva can adequately prove that the pumping of the irrigation well will not affect the plume, then this will not be necessary. Well MW 6 has benzene concentrations that far exceed the Tier 2 values for residences that the County estimated - roughly 162 ppb. A site-specific risk assessment will therefore be required. If conc. still exceed threshold values, corrective action will be required. Requested that Darryk Ataide call me and let me know when the report documenting the sample results would be submitted. At that time, the County will write a letter outlining requirements.

06/22/99 Grace ^{Hall}, CWP, 352-6310, called to say that their site is not hooked up to EBWD. It would cost \$20,000⁰⁰ to get a new irrig. meter. Their address is 249 Estudillo Ave, San Leandro, CA 94577

07/09/99 Called Grace back to let her know I got her message & to tell her that I will discuss the matter w/ Karen Petryna, Equiva, & Darryk Ataide, Cambria, next week!

CONTACT LOG (1285 Bancroft, San Leandro)

06/14/99

Grace Hall, CWP Prop. Mgmt., (510) 352-6310
Called & said that the company that services the irrigation well stated they put a cable down to 75-ft in the well, so they found it's about 75' deep. So pretty shallow screen.

06/15/99

Called Darryl Altaide, Cambria, 518-420-3339.
Told him info that Grace Hall gave me.
Asked that he fax me figure showing proximity of irrigation well to monitoring wells!

06/21/99

Discussed recent sampling of irrigation well.
Called Grace Hall, CWP Prop. Mgmt., (510) 352-6310.
Let her know that sample results from her irrigation well are Non Detect, however pumping of her well may be influencing the migration of the contaminant plume further into & below the residential area between her well & the site.
I gave her heads up that the County may be requesting that they discontinue pumping of their well & get reimbursed by the site if it is likely that the irrigation well is in fact influencing the plume. I also requested that she call me back w/ her Company name, and address so that I can copy her on my letter to Equiva.

CONTACT LOG (1285 Bancroft Ave., San Leandro)

- 06/04/99 cont..... The contact person at the CWP Property Mgmt. Group is Grace Hall. They are located at 249 Estudillo Ave, & her phone number is 510-352-6310.
- 06/04/99 Called Grace Hall, CWP Property Mgmt, & left her message requesting that they cease pumping of the irrigation well adjacent to the former Shell Station until we determine whether this well is contaminated & whether pumping of this well is drawing the plume onto their property. I requested that she call me back so that we could discuss this situation further. ^{06/07/99} Grace Hall called back & left message saying that she has no info on irrig. well.
- 06/09/99 Derek Ataide, Cambria, 510-420-3339 called to update me on info on irrigation well. He has not yet obtained the analytical results of for samples collected from this well. Will call back on 06/11/99, Friday
- 06/11/99 Called & left message for Derek Ataide as to whether he obtained sample results for the irrigation well & any other info on the construction of the irrigation well.
- 06/11/99 Called & left message for Grace Hall. Mentioned that Derek Ataide has not yet given me sample results from irrigation well. Will need to talk to her next week about whether the irrigation well should be shut down due to it influencing the plume.

CONTACT LOG (1285 Bancroft Ave., San Leandro)

- 03/02/99 [REDACTED], RWQCB, [REDACTED] returned my call regarding VOCs issue. He stated that the site has to prove that VOCs are coming from off site through up gradient borings and for site search pinpointing a specific source. If they can show that the VOC plume is not coming from their site, they will be alleviated of the responsibility of the VOCs on their property. If, however, it appears that the VOCs are coming from on site, they will need a Risk Mgmt Plan at a minimum for closure. The levels are fairly close to MCLs, so RWQCB wouldn't have a problem closing site w/ Risk Mgmt Plan.
- 03/02/99 Called Darryk Attard, Cambria, 510-420-3339, and spoke to him at length about my comments on the workplan. Debated some of the issues.
- 04/20/99 Darryk Attard, CET, called to say that work is tentatively scheduled for May 17, 18 & 19.
- 06/04/99 Derek Attard, Cambria, 510-420-3339, called to say that they identified an ~~important well~~ on the adjacent property. He is going out to site to purge & sample this well today. He will fax me the results & location of this well by next week Wednesday. He has requested the the Property Mgmt. Group provide him w/ well construction info. The well is actively used. →

CONTACT LOG (1285 Bancroft Ave., San Leandro)

- 12/14/98 ~~XXXXXXXXXX~~ City of San Leandro, ~~XXXXXXXXXX~~, returned my call. Mr. Bakaldin stated that the site ~~is~~ does not lie within the regional VOC plume, and that there may be a source of VOCs either from the site or adjacent to site. Mr. Bakaldin stated that the site currently has Upgrade Certification for its tank system. Mr. Bakaldin requested that he be copied on all future reports and correspondence.
- 2/10/99 Donk Attaid, Cambria called, 510-420-3339, to request an extension for the due date of the workplan to Feb 19 '99.
- 2/21/99 Returned Donk Attaid's call and inquired as to whether the workplan had been mailed out.
- 2/21/99 Donk Attaid called & stated the workplan will be in by March '99.
- 03/02/99 Reviewed 2/24/99 workplan and called Chuck Huddle, RWOCB, 622-2433, to ask what current policy on VOCs are. If it is determined that the VOCs are coming from off site, but a specific off site R.P. is not located, is Shell ultimately responsible for managing/mediating the plume? Also, wanted to confirm that RWOCB's policy is such that sites are not being closed if VOC levels exceed MCLs.

CONTACT LOG (1285 Bancroft Ave, San Leandro)

12/10/98

Spoke to [REDACTED], Cambria, [REDACTED] who is the project manager for the site. I discussed the site & the need to delineate the cross- & down gradient extent of MTBE. Also, discussed the need to analyze for all other organics and lead scavengers using 8260. The ORCs are still in MW2 & MW3, and I advised that they shouldn't use these wells for ORC placement, because we can no longer monitor conc. in source for reference. They should hold off on using ORCs until I write a letter.

12/10/98

Discussed need to do risk assessment for residential scenario w/ Madhulla Logan. She will look at a hypothetical GST scenario w/ an average of conc. in MW4 and DTW from 26 to 44-ft bgs.

12/14/98

Called Mike Bakaldin, City of San Leandro, (510) 577-3331, and requested info on whether the 3 10,000-gallon ^{fiberglass} USTs at the site have been upgraded. I also inquired as to whether Mr. Bakaldin needed the sampling info for site showing PCE and chloroform contamination. The site appears to be w/in the regional VOC plume. I told him monitoring well continue in one well for VOCs on annual basis.

FILE OR ENVELOPE
 PER NO. No. of
 OWNER Shell Oil
 Address 1685 Bancroft Ave.
 San Leandro Phone
 Contractor Weiss Ass.
 Address 5500 Shellwood St.
 Emeryville Phone 542-5420
 OTHER (Specify)
 Address
 Phone
 CONTACT FOR INVESTIGATION

PLAN REVIEW	By	Date
\$ 375.00	LP	8/21/90
No. Plans Rec'd.		
Plans Approved		
Layout Made		
Rejected		
Applicant Notified		
Plans Returned		
Permit Issued		
CONSTRUCTION PROGRESS ACCEPTANCE		
Pre-Plaster/drywall		
Pre-Final		
Final		

	By	Date
POOL		
EXCAVATION		
FINAL		
OTHER		

LOR
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XR		REMARKS	
Date	By	Date	By
2/19/89	C.S.	10/14/93	SOS
8/1/90	C.S.	12/2/93	SOS
8/21/90	C.S.		
11/18/91	SOS		
12/20	SOS		
1/1/92	SOS		
1/2	SOS		

LOCATION
 1993
 1285 Bancroft Ave.
 San Leandro, CA 94577
 BOB FARRELL SHELL
 988

988 Shell Service Station, 1285 Bancroft Avenue, San Leandro, CA
Weiss Associates, 5500 Shellmound Street, Emeryville, CA 94608-2411 (510)450-6000
FX 547-5043

9/15/95 New case from SOS. Review file.

A 550-gallon waste oil tank was removed from the subject property in November 1986. The tank was approximately seventeen years old and was in apparently poor condition at the time of its removal. Analytical results for the soil sample collected from the bottom of the excavation at a depth of 8.75' below ground surface (bgs) indicated 83 parts per million (ppm) total oil and grease (TOG). The results for the soil sample collected at a depth of 9.0' bgs indicated 583 ppm TOG. No ground water was encountered in the excavation and the steel tank reportedly had visible holes when it was removed. Additional soil was excavated from the bottom of the tank pit and a sample was taken at a depth of 9.5' bgs. The results for the sample taken at 9.5' bgs indicated 89.3 ppm TOG. Data based on water level data obtained from Alameda County Flood Control-Zone 7, the California Department of Water Resources and the RWQCB, the unconfined ground water in the upper water-bearing zone flows westward and occurs at a depth of about 15' bgs. This site is approximately 600' south of San Leandro Creek.

In March 1990 one soil boring was drilled to a depth of 60' bgs immediately adjacent to the waste oil tank, and was subsequently converted to a ground water monitoring well (MW-1). Samples were taken at approximately 10' depths and analyzed for TPHg, TPHd, BTEX, TOG and HVOC's. The soil sample taken from a depth of 39.7' bgs indicated 1.6 ppm of TPHd and 5.7 ppb of total xylenes. All other samples were analyzed as non-detect for all target compounds except for HVOC's, which were found to contain 2 ppb, 4.5 ppb and 4.3 ppb, taken at depths of 9.2' bgs, 51.2' bgs and 61.2' bgs, respectively. These HVOC's are consistent with concentrations of HVOC's found in the San Leandro Plume Studies.

Monitoring well MW-1 was developed on March 8, 1990 and was sampled on March 13, 1990. Depth to groundwater was measured at 42.65' on March 13, 1990 and 43.14' on June 12, 1990. TPHg was detected at 510 ppb, TPHd-1300 ppb, ethyl benzene-1.5 ppb, toluene-1.1 ppb and total xylenes 8.7 ppb for the March 13, 1990 sampling event. TPHg was detected at 390 ppb, TPHd-340 ppb, ethyl benzene-2300 ppb and total xylenes-5500 ppb.

9/18/95 In February 1992, two soil borings (BH-B and BH-C) were drilled to approximately 60 feet, one boring located within 10 feet of the anticipated downgradient side of the existing underground fuel storage tanks, and one boring located on the anticipated upgradient side of the site. These borings were subsequently converted to groundwater monitoring wells MW-2 and MW-3. Soil samples in boring BH-B taken from between 27' and 49' bgs indicated levels of hydrocarbon contamination at a maximum of 8800 ppm TPHg, a maximum of 72

ppm ethylbenzene and a maximum of 170 ppm total xylene isomers. Samples from near the water table in boring BH-C contained up to 64 ppm TPH-g. Results of this investigation indicate that the highest hydrocarbon concentrations are restricted to soil near the water table between 40' and 50' bgs. Groundwater samples taken from well MW-2 contained 1.0 ppm-TPHg and 4.3 ppb-benzene. No TPHg or BETX were detected in ground water from pre-existing well MW-1 or in well MW-3. Based on these ground water analytical results, petroleum hydrocarbons in ground water appear to be currently limited to well MW-2 (upgradient well). Groundwater direction was approximately north-northwest for this sampling period.

Fourth quarter 1993 quarterly monitoring report shows detectable levels of benzene concentrations being found for the first time in MW-1 and MW-3 (16 ppb and 5 ppb, respectively). These benzene concentrations are confirmed in the results from the first quarter 1994 sampling event. Benzene concentrations of 3.4 ppb and 7.5 ppb are detected in wells MW-1 and MW-3, respectively for the first quarter 1994 sampling event.

In February 1994, a subsurface investigation was initiated to assess whether hydrocarbons detected in soil beneath the waste oil tank had impacted ground water downgradient of the tank, and to evaluate the extent of hydrocarbons detected in a gravelly sand unit at about 27' bgs near well MW-2. The investigation was conducted to secure the data necessary for ACDEH to consider case closure for this site.

These February 1994 subsurface investigations included drilling one boring downgradient of the waste oil tank (BH-F), and converting this boring into a groundwater monitoring well (MW-4). Two borings (BH-D and BH-E) were drilled in the vicinity of MW-2, and samples taken at depths of about 25 to 30 feet were analyzed for hydrocarbon contamination. The analytical results of soil samples taken from the borings showed no detectable levels of hydrocarbon contamination in borings BH-d and BH-F. Benzene was reported in soil samples collected from 27.0' and 28.8' bgs in boring BH-E at concentrations of 7.5 ppb and 15 ppb, respectively. No petroleum hydrocarbons were detected in ground water samples analyzed from newly installed well MW-4.

Letter from SOS dated July 5, 1994 requesting that ground water samples are to be collected from MW-2 on a monthly basis for the next quarter, or longer, until levels attenuate or otherwise stabilize. Samples are to be analyzed for TPH-g, BTEX and HVOC's.

Third quarter 1994 quarterly monitoring report dated November 17, 1994 shows benzene concentrations being detected MW-1 at concentrations of 30 ppb and 25 ppb (duplicate sample).

First quarter 1995 quarterly monitoring report dated April 18, 1995 shows a reported groundwater flow direction to the northwest. Analytical results from groundwater samples analyzed from MW-1 show detected concentrations of benzene at 2.5 ppb, however, no TEX was detected. Results for MW-2 show detected concentrations of TPHg at 1300 ppb and BTEX concentrations of 150 ppb, 23 ppb, 35 ppb and 51 ppb, respectively. Detectable concentrations of benzene only were found in wells MW-3 at 6.0 ppb and 1.4 ppb in well MW-4.

Second quarter 1995 quarterly monitoring report dated May 16, 1995 shows a reported groundwater flow direction to the west. Analytical results from groundwater samples analyzed from MW-2 show detected concentrations of TPHg-5000 ppb, benzene-1000 ppb, ethyl benzene-400 ppb, toluene-340 ppb and total xylenes-810 ppb.

NEW CONTACT FOR SHELL OIL IS JEFF GRANBERRY (replacing Dan Kirk).

Comments: Monitoring well MW-2 had consistently show the highest concentrations of petroleum hydrocarbons to date. However, this well is reportedly up gradient of the existing USTs and pump islands. This may be a sensitive site since there are three identified domestic wells within an one-half mile radius of the site.

10/19/95

Review WA "Third Quarter 1995" groundwater monitoring report. Four groundwater monitoring wells were sampled this quarter. Analytical results of groundwater samples from monitoring well MW-2 (upgradient well) again showed the highest levels of contamination (4500 ppb-TPHg, 440 ppb-benzene, 170 ppb toluene and ethylbenzene, and 290 ppb-total xylenes). Will draft letter requesting additional information on location of upgradient source of contamination found in MW-2 if contamination is again at high levels during fourth quarter monitoring reporting.

3/25/96

Review WA "Fourth Quarter 1995" groundwater monitoring report. Four groundwater monitoring wells were sampled this quarter. Analytical results of groundwater samples from monitoring well MW-2 (upgradient well) again showed the highest levels of contamination (37000 ppb-TPHg, 1800 ppb-benzene, 1000 ppb toluene, 7600 ppb-ethylbenzene, and 6700 ppb-total xylenes). These are almost an order of magnitude increase (a 40 fold increase for toluene in MW-2). Visit site to determine whether an upgradient source is the reason for the high levels of petroleum hydrocarbons in MW-2. No upgradient sources for contamination found in MW-2. Since this well is in close proximity to the UST pit, overfilling of the tank is probable cause of petroleum hydrocarbon contamination found in MW-2. Will draft letter requesting SWI to investigate upgradient sources. Call to Jeff Granberry of Shell requesting information on possible overfilling of tanks, and whether tanks are double-walled or single-walled.

Call back from Jeff Granberry. He informed me that the tanks were single-walled fiberglass and that they are not scheduled to be replaced any time soon. He is leaving on vacation and gave me a contact for WA, which is Tom Fojut at (510)450-6120. Call to Tom Fojut of WA. He stated that they filed an unauthorized release form in November 1995, due to the rupture of a product line during construction activities. No estimate of the volume of product released has been calculated. He will fax me a copy of the unauthorized release form which was filed with the RWQCB. He also stated that the first quarter 1996 GWMR is forthcoming soon. I informed him that I was leaning towards a rapid site assessment (Geoprobe) to define the extent of petroleum hydrocarbon contamination upgradient of the tank pit and MW-2. Will wait to draft SWI letter until I review the first quarter 1996 GWMR.

- 4/17/96 Review "First Quarter 1996" GWMR-dated 3/25/96. Maximum concentrations of TPHg/benzene were detected in monitoring wells MW-2 and MW-3, at concentrations of 78,000/1100 and 11,000/470 ppb, respectively. Left message for Tom Fojut of WA requesting copy of soil sampling results for the recent dispenser replacement upgrades. Also inquired about the change in groundwater contours during the last two GW sampling events. He will be back in the office on Monday April 22nd.
- 7/22/96 Review "Second Quarter 1996" GWMR-dated 7/15/96. Maximum concentrations of benzene were detected in wells MW-3 (830 ppb) and MW-2 (820 ppb). ASTM RCBA Tier 1 RSBLs are exceeded for the exposure pathway "Groundwater-Vapor Intrusion from Groundwater to Buildings" at a target level of 1E-04 (1 in 10,000 excess cancer risk) for a residential receptor scenario, for the groundwater samples collected from wells MW-2 and MW-3, and at a target level of 1E-06 (1 in 1,000,000 excess cancer risk) for the groundwater sample collected from well MW-4. Will confer with BC on whether any additional investigation is warranted.
- 10/23/96 Review Cambria "Third Quarter 1996" groundwater monitoring report-dated October 18, 1996. Confer with EC concerning possible courses of action for remediation at the site. Draft letter requesting further tier evaluation, interim remedial action, etc.
- 10/24/96 Final draft of letter sent after BC review.
- 1/15/97 Call from Scott McLeod of Cambria.
- 1/22/97 Call from Paul Waite of Cambria concerning further Tier evaluation, interim remedial action, etc. letter dated 10/24/96.
- 1/23/97 Review Cambria "Third Quarter 1996" groundwater monitoring report-dated January 15, 1997. Concentrations of petroleum hydrocarbons are extremely

elevated in wells MW-2, MW-3 and MW-4, these of course due to the unauthorized release pertaining to the piping retrofitting project. The report was due January 9, 1997. Draft NOV letter.

1/27/97

Final draft of NOV letter sent.

1/28/97

Calls from/from Paul Waite of Cambria. He was upset about the NOV letter, since Weiss Associates, which originally had the Shell sites, was terminated due to the number of NOV's that they were receiving. I told him that although he had communicated to me the fact that they were going to use ORCs in the wells, that I required a written work plan, along with a completed copy of the ULR. Reviewed fax of interim RAP detailing the introduction of ORCs into wells MW-2 and MW-3, in addition to monitoring dissolved oxygen concentrations in groundwater. Final draft of IRAP approval letter sent after BC review. Another call from Paul Waite with Cambria, they found a copy of the ULR and faxed copy to me. Amend approval letter to state that Shell is now in compliance with this office.