Susan,
~~Beth~~ Britt Johnson
wanted to talk to
you about this
site 3055 35th Avenue,
Oakland - 94619. He
got complaints about
soil being yelled
up. Call him at
238-3408
M Logan

Phone Logs

RO271

Pre enforcement
Panel Review
2/15/93 — 1:00 PM

Talked to T.P.

8/3/95
Talked to Scott McCloud
re: complaint
sample
1/50 cu yds
TPHg TRHd BTEX
TPH motor oil

4/26/94 STID 575

Former Exxon Service Station
3055 - 35th Avenue Oakland CA 94619

4/22/94 Rec'd fax ~~of~~ Transmittal of ~~DSI~~ Investigation Work Plan (4/22/94) prepared by Cambria Environmental Technology, Inc.

Proposed 3 soil borings down gradient of & 2 soil borings up gradient property line.
→ additional two borings near waste oil tank & pump island. (MWS)

Talked to Joe Tyson - re: details of the Work plan - 3 soil borings near tank area & near the pump island will be converted to MWs.
The third well - will be ~~converted to~~ installed depending on the location of the site.
5 of the borings will be converted to temporary wells

— 1) need to submit a copy of the site safety plan

Work Plan can be implemented
2) implement approved

4/18/94 STID 515
3055 - 35th St

Talked to Blessie Tower (Clean up fund) re: need to issue a letter of commitment before consultants will signal the Contract
- will issue LOC

4/18/94
need to talk to Bernie Rose

Who's the chosen consultant -
need the work plan ASAP -

NEED TO DRAFT TIER II RB SITE ASSESSMENT LETTER

MEMO 1/2 7/91

0515 EXXON, 3055 35th Avenue, Oakland 94619

2ND NOV letter sent 5/20/96 30 DAYS

9/29/95 New case from SH. Review file and prepare summary notes.

Site summary: This facility was a former EXXON gasoline station which had five (5) underground storage tanks (USTs). Two (2) 4000-gallon and two (2) 6000-gallon gasoline tanks and one (1) 500-gallon waste oil tank formerly occupied this site. On January 17, 1991, two of the four gasoline USTs were removed and transported to H & H Environmental. The other two tanks had LEL levels of between 50 to 95% and were left in place until the following day. The remaining two gasoline USTs and the one waste oil tank were removed on January 18, 1991.

Adjacent possible hydrocarbon sources are two active and one former gasoline stations. The site located at 3201 35th Avenue is the active BP gasoline station StiD # 3878, which was reported as having an remediation system installed (pump an treat?). Will confer with SH, since this is one of her sites. Another potential source is the Quik Stop located across the street in a somewhat upgradient position from the subject site. This Quik Stop has what appears to be two (2) USTs (dispensing premium and regular unleaded gasolines) located in a east southeasterly direction from the subject site. Size of the Quik Stop USTs are not apparent from my drive by visit of this property. In addition, a former Texaco station is located directly across School Street, directly east of the subject property. CET has reportly had discussions with the present owner, who states that the USTs were removed by Texaco about 15 years ago. CET also reports that no soil samples were collected during the tank removal and no investigation has been conducted at the former Texaco site.

On January 23, 1991, Dennis Byrne of ACHCSA witnessed sampling of the excavation pit where the USTs were formally located. A total of twelve (12) samples were taken from pit which previously held the gasoline USTs. Two samples were collected at each end of the four (4) USTs (taken at depths of 7'-8.5' bgs) and what appears to be four (4) sidewall samples were collected (2 samples taken at depths of 5' bgs, one at 6' bgs and one at 8'bgs). One sample was taken at a approximate depth of 3' bgs from the waste oil excavation pit. These samples were reportedly to be sent to ChromaLab in San Ramon, California for subsequent analysis. **No final closure report was ever received by this office**. Two certified ACHCSA letters (May 30, 1991 and August 12, 1991) addressed to a Mr. Lynn Worthington requesting a final closure report.

A preliminary subsurface site investigation was performed by Consolidated Technologies to investigate the extent of petroelum hydrocarbon soil contamination in the vicinity of th former USTs. On November 5th, 1991, twelve (12) soil borings (B-1 through B-12) were drilled to depths of approximately 35' bgs or until first groundwater was encountered. Soil samples were collected at five foot intervals, with the first sample in each boring taken at 15' bgs. In

addition, one soil sample (WOS) was collected at a depth of approximately 18" from what appears to be stockpiled soil from the waste oil USTexcavation. Sample analytes were TPHg and BTEX for soil borings associated with the gasoline USTs, and TPHg, TPHd, TOG and BTEX for samples collected near the former waste oil tank. Soil samples from all twelve borings were shown to contains elevated levels of TPHg and BTEX. Maximum concentrations of petroleum hydrocarbons were reported for TPHg-2100 mg/kg (boring B-7 at 15' bgs), benzene-56,000 ug/kg (boring B-1 at 20' bgs), toluene-100,000 ug/kg (boring B-7 at 15' bgs), ethylbenzene-38,000 ug/kg (boring B-7 at 15' bgs) and total xylenes-290,000 ug/kg (boring B-7 at 15' bgs). No detectable levels of TOG or TPHd were found in any of the samples analyzed near the former waste oil UST. Samples B7-15' and WOS were analyzed by EPA Method 6010 for the trace metals cadmium, chromium, lead, zinc and nickel. Results of these analyses found cadmium (3.51mg/kg, 3.42 mg/kg), chromium (25.1 mg/kg, 31.2 mg/kg) lead (3.19 mg/kg, 1.76 mg/kg), zinc (47.7 mg/kg, 23.9 mg/kg) and nickel (34.3 mg/kg, 30.9 mg/kg) for soil samples B7-15' and WOS, respectively.

A subsurface investigation report detailing the installation of three (3) monitoring wells was prepared by Cambria Enviromental Technolgy, Inc. (CET)- dated July 1, 1994.

In May 1994, CET advanced seven (7) soil borings (SB-A through SB-G) and installed three (3) groundwater monitoring wells (MW-1, MW-2 and MW-3) at the site. Total petroleum hydrocarbons as gasoline (TPHg) were detected in soil samples from six of the seven borings. Borings SB-G, SB-F and SB-C) were subsequently converted to monitoring wells MW-1, MW-2 and MW-3, respectively. Maximum concentrations of TPHg-2,900 ppm (boring SB-F at 15' bgs), TPHd-620 ppm (boring SB-A at 16' bgs), benzene-24 ppm (boring SB-F at 15' bgs), toluene-41 ppm (boring SB-F at 15' bgs), ethyl benzene-48 ppm (boring SB-F at 15' bgs) and total xylene isomers-196 ppm (boring SB-F at 15' bgs).

A hydrocarbon sheen was observed on soil samples observed near the water table from several borings and with the water samples collected from monitoring wells MW-1 and MW-3.

Gasoline-range hydrocarbons were detected in six of the seven borings drilled for this investigation. Although TPHd was detected in most of the soil boirng samples, the laboratory indicated that all of the positive TPHd results were due to hydrocarbons lighter than diesel.

CETs reports that the highest concentrations of petroleum hydrocarbons are found downgradient of the former gasoline USTs and the southernmost pump island. Aqueous-phase hydrocarbons are reportedly presently migrating offsite in a westerly direction. Groundwater flow is reported to be in a westerly direction with a reported gradient of 0.013.

Spoke with Scott McLeod of CET to inform him that a request for additional characterization of the site was needed. He informed me that he has been in contact with the RP (Lynn Worthington) and that he was preparing a feasibility study for a air-sparging/SVE system. I asked him if an upgradient well was to be installed in order to get baseline data for the site, and he informed me that he was still in the process of preparing the feasibility study, and that he would take my concerns until consideration. He stated that the client was working within the constaints of SB 2004 (site has received $20,000 SWRCB "Letter Of Commitment"), and contents of the feasibility study would need concurrent approval from SWRCB. He stated that I could request one in writing from the RP.

Comments: After review of CETs July 1, 1994 Subsurface Investigation Report", It appears that petroleum hydrocarbon contaminations extends offsite in several directions including west, which is downgradient of the site. It also appears that there is a possibility that there may be an offsite source (former Texaco station-3101 35th Avenue) which is upgradient of the subject site.

11/6/95 Review Cambria "Third Quarter Monitoring Report"-dated November 1, 1995. Groundwater sampled on 8/22/95. Groundwater levels were much lower than last sampling period (5/23/95), averaging approximately 5.5' lower in depth than on 5/23/95. Groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 detected concentrations of TPHg (23 ppm, 38 ppm and 74 ppm), respectively and benzene (6.9 ppm, 6.4 ppm and 14 ppm), respectively. In addition, TEX compounds were detected at above CA MCL's for drinking water in all three wells. Levels seem to be attenuating somewhat, but this could be a result of contaminants migrating off-site. **Cambria anticipates performing feasibility test and submitting a corrective action plan in the Fourth Quarter 1995.**

Corrective Action Plan is due **December 28, 1995** for SWI. See ACHCSA letter dated September 28, 1995 (SH)

1/22/96 Review Cambria Environmental Technology, In., "Fourth Quarter Monitoring Report" dated January 18, 1996. The three (3) monitoring wells (MW-1, MW-2 and MW-3) were sampled on November 29, 1995 and groundwater samples detected TPHg/benzene concentrations of 37 ppm/9.9 ppm, 46 ppm/7.1 ppm and 220 ppm/25 ppm, respectively. CAP was due on December 28, 1995. Draft NOV letter. Final draft of letter sent after BC review.

2/5/96 Review February 2, 1996 letter from Cambria scheduling feasibility tests for the next week or two.

4/25/96 Review Cambria "First Quarter 1996 Monitoring Report" - dated 4/15/96. The three (3) monitoring wells (MW-1, MW-2 and MW-3) were sampled on February

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IMPORTANT MESSAGE

FOR J. E.

DATE 5/6 TIME 3:50 A.M. P.M.

M Chris Molinary Molinari

OF 408-725-0151 office - Real Estate

PHONE 408-725-0151 C.T.
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 Lynn Worthington
#515 Exxon at Stanford
Who is RG? John
on staff?

SIGNED

LITHO IN U.S.A.

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