

Chu, Eva, Env. Health

From: Chu, Eva, Env. Health
Sent: Friday, October 18, 2002 3:02 PM
To: Karen Streich (E-mail); Del Frate, Todd (E-mail)
Subject: Former Chevron 9-1153 at 3135 Gibbons Drive, Alameda

Hi Karen, Todd,

I completed review of the most recent QMR (for event of Aug 2002). Looking at contaminant concentrations from monitoring wells and from grab groundwater samples collected in 1989 (SB1, SB2, SB5, SB6 and SB7) and 1993 (BH-1 and BH-B), I would like to see two additional groundwater monitoring wells to monitor the plume in the southeasterly direction. I would like to see a well approximately 40 to 50 feet SW of MW-7 (along High and Gibbons) and another approximately 40 to 50 feet SW of well MW-10 (on high street). These wells should have a short screen interval (2 to 3 feet). Let me know if you need a formal letter requesting the additional wells (unless you can convince me otherwise).

eva chu
Hazardous Materials Specialist
1131 Harbor Bay Parkway
(510) 567-6762
(510) 337-9335 (fax)

Ro-341

Chu, Eva, Env. Health

From: tdelfrate@deltaenv.com
Sent: Wednesday, August 21, 2002 11:36 AM
To: echu@co.alameda.ca.us
Cc: stka@chevrontexaco.com; jbrownell@deltaenv.com
Subject: Former Chevron 9-1153, Alameda

Hello Eva, Karen Streich asked me to touch base with concerning the former groundwater extraction system located at the subject site. In general, the system was shut down several years ago due to its ineffectiveness at capturing the hydrocarbon plume. Apparently, the system only produced limited groundwater flow operating from 10/91 through 5/94 treating approximately 100,000-gallons. Also, the system was apparently having trouble staying on line due to equipment failure. In July of 2001, the property was being sold and the property owner had asked for the system to be decommissioned and the compound turned over to the new owners. The system was properly abandoned and utilities disconnected. The compound was turned over to the property owner. If you have any questions please let me know.

Todd A. Del Frate, R.G.
Project Manager
Delta Environmental Consultants, Inc.
Petroleum Division - Sacramento
Phone: (916) 536-2612
Fax: (916) 638-8385

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Chu, Eva, Env. Health

From: Chu, Eva, Env. Health
Sent: Wednesday, July 31, 2002 3:02 PM
To: Karen Streich (E-mail); Del Frate Todd (E-mail)
Subject: Former Chevron 9-1153 at 3135 Gibbons Dr, Alameda, CA

Hi,

I reviewed Delta's July 2002 *Work Plan for Hand-Augered Soil Borings* prepared for the above referenced site. Delta proposed to advance ten hand-augered soil borings around the perimeter of the residential dwelling. Soil samples from a foot above groundwater table and grab groundwater samples will be collected from each borehole. Data from this investigation will be used to evaluate human health risk due to residual contamination at the site.

I discussed this case with Roger Brewer at the RWQCB to see if soil vapor samples are preferable over soil samples. He concurs that soil vapors samples should be collected instead of soil samples. I would also like to see a vapor/water sample collected just outside the existing garage, east, southeast side (near the former pump island). Soil samples collected for physical analysis should be collected from a "clean" borehole. Please amend the workplan as necessary. You may decrease the number of borings proposed at the west corner of the house (bay window area).

If you have any questions, please call or email.

eva chu
Hazardous Materials Specialist
1131 Harbor Bay Parkway
(510) 567-6762
(510) 337-9335 (fax)

Contact Log (3126 Fernside)

- 6/18/96 Mike Cook, Weiss Assoc., 450-6000
Completed Tier 2 RBCA for vapor to ambient
air using 95 UCL. Will also check to see
whether valves used account for potential
gardener digging down to 18 inches once a
week for 3 hours at a time.
- 7/8/96 Mike Cook called to say that addendum to
RA is on its way.
- 7/24/96 Left message for Phil Briggs inquiring about the
3 samples collected from Well 7 and 2 samples from
Well 6.
- 10/24/96 Left message for Mr. Phil Briggs, Chevron, 842-9136,
inquiring about status of 3rd Qtr Monitoring Report.
The last study report in our files documents the 4/24/96
sampling event.
- 10/28/96 Phil Briggs returned call & stated that report was
sent out last week.
- 12/31/96 Called & left message for Mr. Briggs re the
whereabouts of the 3rd Qtr Monitoring Report.
Still have not received it.

3/15/96

Mark Miller left a message responding to Feb 29 '96 letter. He stated that Chevron already established that there was no current human health risk at the site based on the 1987 Report & more recent comprehensive report. He also stated that they already gave depths of utility lines in past (it was only for storm & sewer lines, & not for water & electrical lines, & was fairly uncomprehensible).

3/22/96

Left message for Phil Biggs, 842-9136, in response to Mark Miller's 3/15/96 message.

3/26/96

Spoke to Phil Biggs, 842-9136, re: Feb 29 '96 letter & request for utility line depths in site figures & an addendum to Weiss Assoc. 1994 RA evaluation, in Appendix E of Dec 20 '84 report. Would like vapor to ambient air scenario using a 95 UCL for all on-site conc. (e.g. potential scenario is someone digging in yard above fuel product, which can be as shallow as 5' bgs)

4/16/96

Left message for Phil Biggs to return his call from yesterday. Reminded him of last conversation. Mr. Biggs had requested a 30-day extension for the 2 deadline dates, so info on utility lines will be done mid-May '96 and the RA info will be done at end of May '96.

5/13/96

Mike Cook, Weiss Assoc., called to obtain clarification on required work for Phil Biggs.

6/11/96

Left messages for Phil Biggs and Mike Chamberlain re existing uncertainties re utility trenches as conduits, even after reviewing Floor Davel's report, & requested that future site plans include varying depths of utility lines & their diameters.

PHONE LOG (3126 Fernside)

- 7/1/94 Mark Miller, 842-8134;
Mr. Miller called in response to the June 23 '94 letter. He stated that he believes that Chevron has already conducted much of the work requested in this letter. He stated that he believes that Chevron has already conducted a Risk Assessment in '88 or '89. I checked our files, & could not locate any Risk Assess. I did locate the Soil Vapor Report, which concluded that elevated levels of vapors existed in ground. Mr. Miller stated that Uwis is working on preparing a Performance Site Review that may answer some of the County's concerns. He stated that he would submit this report w/in the 90 day due date given in letter.
- 7/19/94 Mark Miller, - Mr. Miller stated that Uwis is preparing a proposal, that will also include/address RA requested in June 23 '94 letter. Proposal will be submitted w/in due date.
- 9/20/94 Mr. Miller called to request ext of w.p. submitted to Oct 21 '94
- 12/9/94 Left message for Mark Miller re status of w.p. that was due in Oct 21 '94.
- 2/16/95 Left message for Mark Miller to discuss requirements
- 2/11/95 " " " "
- 1/9/96 Requested that Mark Miller incorporate utility line locations into site plan in quarters.

Ph. & Conversation

7/7/93

Mark Miller, Chevron
& Juliet Shen

RE: 3126 Fernside

The workplan for the installation of additional wells, dated June 30 '93, did not address delineation of plume in direction of MW-6. Therefore, also, we noted that concentrations have been fluctuating strangely, and DTW's. Therefore, it was determined that further plans for delineating the plume in the direction of MW-6 would be postponed along with the formal approval of the work plan, until we obtained the results from the next 90-day period of sampling by August 2 '93.

① Phone Conversation 1/26/93

Tom Barry, Weiss Assoc 547-5420
and Juliet Stein

RE: 3126 Farnside, Alameda

Mr. Barry stated that Weiss is proposing that 3 shallow borings be placed downgradient of the above site. These borings will be placed down to ~8' below ground surface and grab groundwater samples will be collected from these borings to establish whether the groundwater contaminant plume extends out that far. These borings will then be grouted up.

Mr. Barry wanted to know whether a ^{full-blown} work plan needed to be submitted. I told him that Submit a letter and a figure showing the boring locations would be acceptable, if Weiss Assoc. were to later detail the

DATE 8/20/92

CONTACT LOG

FROM: Mark Miller (Returned Call) AFFILIATION: Chevron
 TITLE: _____ PHONE: _____
 TO: Juliet Stein AFFILIATION: Alameda County
 TITLE: _____ PHONE: (510) 271-4530

RE: STID 3565 - 3126 Ferris Blvd, Alameda

Mr. Stein stated that Chevron should be advised by proceeding placing a well downgradient of well C1 which is picking up very high concentrations of contaminants. Mr. Stein referred to the letter from Nancy Vukobich which was submitted with the most recent quarterly report. According to Mrs. Vukobich a well could not be placed down gradient in the street. Mr. Stein wanted to know if Mrs. Vukobich discussed it with the City of Alameda and, if she did, who she spoke to. Additionally, Mr. Stein wanted to know if Mrs. Vukobich ~~the~~ considered all her options, such as drilling on a weekend morning.

Mr. Stein asked about the possibility of "fingerprinting" gasoline to determine whose contamination is downgradient near the former Phillips 66 Station. Mr. Miller stated that "fingerprinting" is not successful if the petroleum is old and has been in subsurface for a long time.

Mr. Miller stated that Chevron knows that the Recovery trench is not fully successful in recovering all contamination. Contaminants appear to be passing the Recovery trench on south side. This is known by looking at contaminant concentrations in MW-4.

CONTACT LOG

FROM: Juliet Shin AFFILIATION: Plumville County
 TITLE: 1 PHONE: (510) 271-4320
 TO: Harvey Vukobratich AFFILIATION: Chevron U.S.A. Inc.
 TITLE: Forman PHONE: (510) 842-9581
 RE: ST#D 3565 - Chevron Service Station #9-1152,
3126 Formida Ave, Plumville, California

Mr. Shin called Mr. Vukobratich in response to the facsimile sent to her. In his facsimile, Mr. Vukobratich stated that the proposed location of a monitoring well had to be changed to another location due to overhead power lines, ^{either that or} the fact that Chevron would have to build a ^{new} gas station. Chevron doesn't want to ^{do} that because I may pick up contamination that isn't there.

Mr. Shin stated that although there may be problems installing wells downgradient of well C-1 on site, eventually some steps would have to be taken to determine the extent of gas contamination, i.e., the zone line, in the direction downgradient of C-1.

CONTACT LOG

FROM: Nancy Vukelich (Returned my call) AFFILIATION: Chevron
 TITLE: PHONE: (570) 842-9581
 TO: Juliet Stein AFFILIATION: Alameda County
 TITLE: PHONE: (510) 271-4320
 RE: STID 3565 - Chevron Station located at 3126 Farnside, Alameda, California.

The additional wells have not yet been installed. Mr. Chevron is in the midst of obtaining permits & will probably begin work at the end of May or early part of June 1992. Ms. Vukelich would like Alameda County to send her a letter of approval for the work plan, dated Jan 1992, before Chevron begins the installations.

In a work plan, dated June 1990, a French was proposed to have been installed. This French has been installed downgradient of the Well C1.

left message 4/27 w/ Nancy regarding info on whether French is active & pumping.

Write letter 4/22 approving work plan.

1/18/90

(5)

Phone conversation with John Randall of Chevron
842 9625

EA Engineering is designing a work plan for groundwater pumping and treatment. We should be receiving this work plan by the end of the month

EA project manager is Jerry Winoor

EA design engineer is Jack Becker

About 4-5 years ago, Chevron closed the station SS 9-1153 at Fernside and Gibbons, and did a visual check of the groundwater on a regular basis. At this time, the area was zoned industrial. 2-3 years ago, EA performed a site assessment and concluded that the risks associated with the site were minimal, and Chevron closed its file.

However, the property was rezoned residential. Upon development soil contamination was uncovered, and Chevron reopened its file on the site.

John will provide me with a summary of activities at the site.

I informed John of the fee (\$60) that we require. He requested that all communication be directed to him.

Mailing address:

Chevron, U.S.A. Inc.

PO Box 5004

San Ramon, CA 94583-0804

Need to get a deposit
refund from him.

~~7~~ All the site history is
in this file; I haven't
done any work on this
other than a phone call
requesting background info.
CL

PS I tried to put this in your box
ok her

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