

Detterman, Mark, Env. Health

From: Thomas Price [TPrice@dtsc.ca.gov]
Sent: Tuesday, May 03, 2011 11:57 AM
To: Detterman, Mark, Env. Health
Subject: Re: South Bayfront Project Followup
Attachments: Map_UST_Elementis.pdf; Map_UST_Elementis_bz+vc.pdf; S._Bayfront_UST.doc

Mark,

Please see the attachment, that has sampling locations from Erler & Kalinowski, Inc. (EKI) July 2000 "Environmental Risk Management Plan" Figure 4. Maybe that map will help? I've also attached a summary of soil/groundwater data of data I was able to locate. For samples S-1 through S-5 the exact locations are not shown on the map, I assume those were confirmation samples after excavation but I'm unsure (the dates of those samples are 8/13/90, generally later than the other samples).

In your third paragraph you asked about excavations - the legends of the maps show that the excavation you are interested in is an "Areas of Completed Environmental Excavations" so yes I believe there was excavation completed in the area you are interested in. (see Erler & Kalinowski, Inc., "Environmental Risk Management Plan", June 2000 Figures). I don't think there was additional excavation.

In your 4th-5th paragraphs you ask about groundwater monitoring for hydrocarbons, you're right monitoring for hydrocarbons is not currently being conducted. You ask if add'l data is available - I found some data for benzene and vinyl chloride at locations RW-30 and rb-26 (see attachment Figure 8 from EKI Environmental Risk Management Plan June 2000), all non-detected for benzene and vinyl chloride (but based on the other data it looks like it was diesel fuel stored there).

In your 6th paragraph you ask about whether the remedial actions covered hydrocarbons, yes I believe they did, I am aware of benzene being included in some of the risk calculations for the Risk Management Plan. Regarding your question as to whether DTSC would consider this an incidental matter for further investigation, no DTSC considers this matter closed. Please contact the consultant if you have additional questions his name is Earl James (650) 292-9100, Erler and Kalinowski, 1870 Ogden Dr., Burlingame, CA 94010.

Thank you,

Tom Price - Project Manager
Brownfields and Environmental Restoration Program Dep't Toxic Substances Control 700 Heinz Avenue Berkeley, CA 94710
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>>> "Detterman, Mark, Env. Health" <Mark.Detterman@acgov.org> 10/1/2010

>>> 10:40 AM >>>

Hi Tom,

I picked up your voice mail this AM and wanted to send a few figures to help the conversation; sorry they're not in a good order, you'll need to skip around a bit. You'll find 7 pages in the attached scan.

Our UST site is known as Pfizer Pigments, an earlier entity at the "Elementis Property" site (4650 Shellmound St; APN 49-1038-2; so it fits in your site # 01890019; "Southern Area" of Elementis Property).

The first page of the scan is from the history section of final RAP report summarizing previous UST removal actions and references Figure 2-3 (page 4 of scan). To help focus you, see arrow on page 3 (Figure 2) of scan for where USTs were located within the "Southern Area" (under "Site A" wording on Figure 2). Page 2 of scan is from the removal actions report (see bottom of page for actual title and date if needed), this page discusses what I could find as far as UST related removal actions. I could find nothing more in regards to any additional potential UST impacted soil / groundwater removal actions (for these USTs in particular). I'm hoping there might some information that may not have made it into the reports that would indicate there

were some further removal actions (along the lines of the third paragraph of section 4.1 of the first page of the scan). Page 5 of scan is also from the final RAP and has historic soil sample points, including the "arrowed" area on page 2 of scan, and page 6 of scan is from the removal actions report for the general area around the former UST locations (labeled as "UST Samples" on figure). The 7th page of the scan is Figure 11 of the final removal action report. I could not either read or find (combination) the data for these soil samples. There might be info there we could use, but I'm unsure.

Looking at recent gw monitoring reports I note that wells EBS-4, EBS-5, SD-3, and EBS-6 (kinda) are in the general area of the former USTs, and that with one exception there have never been any BTEX or fuel oxygenates detected in at these locations. The screen intervals also look fine to monitor shallow contaminants that could have been associated with the old USTs.

My perception / understanding is that the site is being managed by risk, and it does not appear that TPH analysis is conducted largely due to that approach. Would that be correct, or are there TPH analytical data?

I guess one further line of questions is if you believe that the remedial actions considered the USTs or if the site maintenance actions consider the UST contamination or if it's principally oriented to the other contaminants. I'm trying to find information or a mechanism to either close our case or if possible transfer contaminant oversight to another agency (presuming there's undocumented residual); however, I understand DTSC is specifically not tasked with hydrocarbon contamination, unless incidental. Could this be considered incidental? Otherwise ACEH is stuck with an inactive case where we can't request work as bores would puncture the existing site cover.

I think that covers it for now. Once you have a chance to digest this, give me a call to help fill in any questions or to relay info. Thanks for any help.

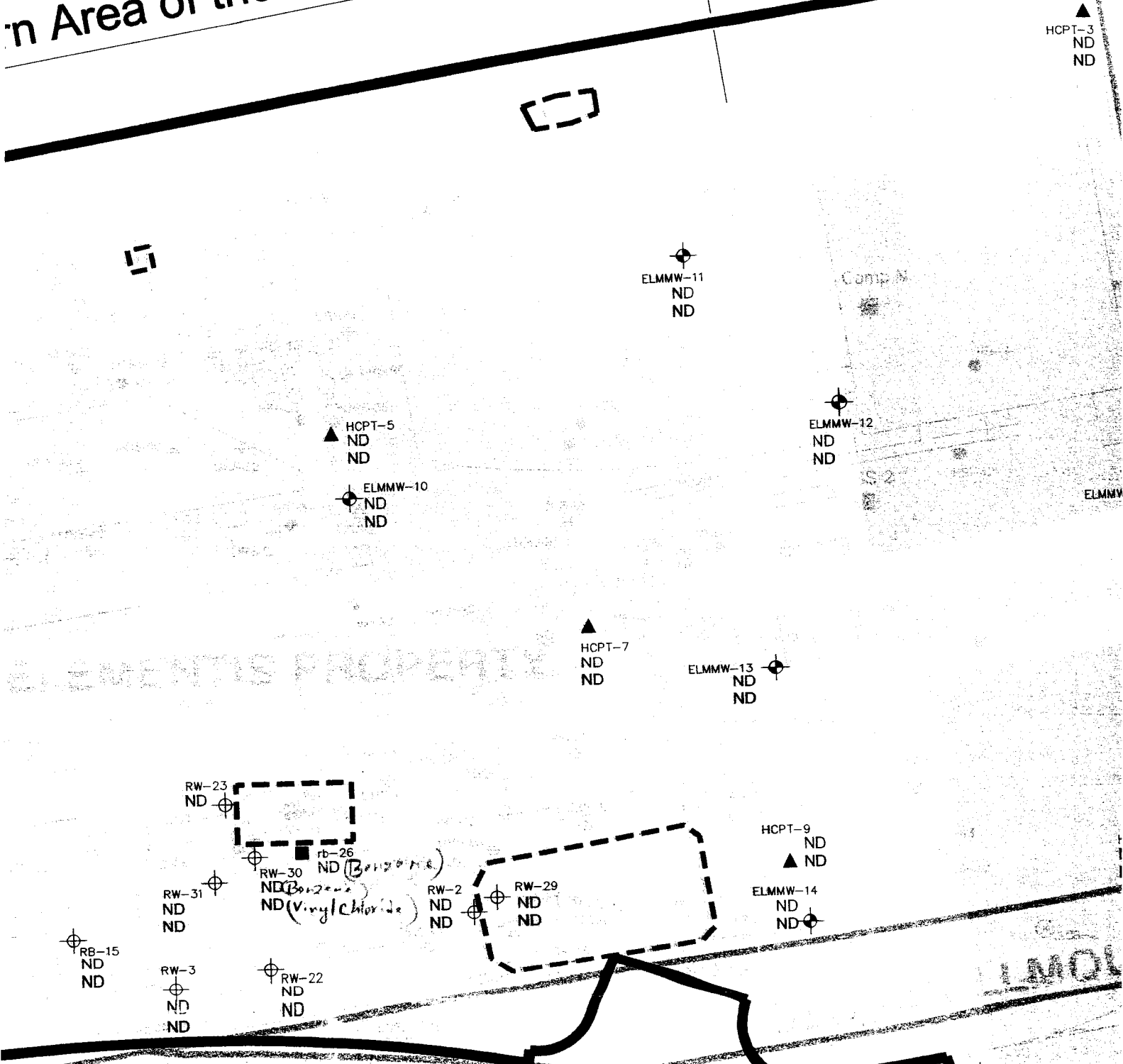
Best,

Mark Detterman
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PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

in Area of the Shellmound Properties



From: Ertler & Kalinowski, Inc.
"Environmental Risk Mgmt. Plan" 6/2000
Figure-8 Benzene & Vinyl Chloride in ground water

Summary of UST Test Results

Units: Soil (mg/kg)

<u>Location</u>	<u>Date</u>	<u>Depth</u>	<u>Bunker C</u>	<u>TPHd</u>	<u>TPHg</u>	<u>TPH(O&G)</u>
HB-36 ¹	6/12/97	2.5 ft.	NA	5.6	NA	NA
		5.5	NA	380	NA	NA
S-1 ²	8/10/90	4.3	NA	<10	NA	NA
S-2	8/10/90	3.7	NA	<10	NA	NA
S-3	8/10/90	4.2	NA	45	NA	NA
S-4	8/10/90	4.5	NA	330	NA	NA
S-5	8/10/90	4.2	NA	2,300	NA	NA
RW-23	3/30/90	2.0	NA	30	NA	NA

Units: Groundwater (ug/L)

<u>Location</u>	<u>Date</u>	<u>Depth</u>	<u>Bunker C</u>	<u>TPHd</u>	<u>TPHg</u>	<u>TPH(O&G)</u>	<u>TPHkerosene</u>
RW-23	4/6/90	-	NA	<500	NA	NA	<500

¹ Erler & Kalinowski, Inc. "Environmental Risk Management Plan" July 2000, Table A-1e, p.11.

² Erler & Kalinowski, Inc. "Environmental Risk Management Plan" July 2000, Table A-1e, p. 14.