

ARCO  
22141 Center Street  
Castro Valley

4-1-94

MEMO to file:

I spoke to Michael Whelan (ARCO) and John Young (RECOA) during a teleconference today re: the status of this site. Mr. Young indicated the SVE system operated continuously only a few weeks after installation during which time high initial concentrations of HC were extracted. Since that initial period, the system has been operated periodically to gauge performance, which has not been remarkable. According to Mr. Young, no detectable HCs have been pulled through the system.

We discussed APC and site closure requirements. I FAXed a copy of the site closure outline/checklist. ARCO will be proposing something in the near future.

SOS

# Call to Joel Kauffman

1/24/92

#4 "vacuum impact" through pea gravel  
high; how will clean up the soil  
that's affected??

#3 how was it determined that the vacuum  
"impact" in silty clay layer of native soil  
below WST pit to be < 10 feet?

If so, how will inducing vacuum  
through permeable backfill clean up  
the soil??

10

Clean up levels to be determined by  
analysis of soil samples collected  
from borings

① additional Vapor extraction points

② borings to confirm clean-up - will be done

③ I.C. motor; OK?

④ noise - residential areas  
emissions - " "

⑤ Contaminant tracking system - manual or electronic  
frequency??

Joel said he would  
get back me today  
(1/24) regarding those  
points

memo to file

1-18-91

I spoke with Steve Bittman of Applied GeoSystems today re: the Nov. 13, 1990 AGS report, and discussed the issues on the attached sheet. The topics included:

- ① QA/QC lab results for soil/G.W. samples collected during the investigation: I advised him that QA/QC results must appear in future reports;
- ② screening criteria for selection of samples for analysis: I advised him that field screening is OK, but that those showing "hits" should be analyzed; and, that all samples collected @ 5' intervals and changes lithology in borings w/in 10' of the contaminant source (ie, tank pit, piping, etc) are to be analyzed. I referred him to the 10 Aug 90 RWQCB "Recommendations" re: this issue.
- ③ I explained the rationale behind monthly sampling of wells during the first 1/4 for chemical analysis, and reiterated the requirement for monthly G.W. level measurements.

① When will the "next phase of the investigation" begin?  
 borings B-8/B-9 (tank pit) } just completed  
 " B-12/B-13 (near islands) } 1-17-91  
 S-Vapor 4-G.W now on site

② Tank T5 previously stored leaded gas  
 - need analysis for total/organic lead?  
 - this was an area where sample S-19-T5N was collected @ 19' depth and 3800 ppm TPH

③ B-4/mw-1  
 why was sample B4 not analyzed, even when a "noticeable product odor" was detected and the PID hit @ 2 ppm? (35' depth)

B-5/mw-2

Why was sample analyzed in 10' increments when hydrocarbon odors and PID "hits" were evident from a depth of 15-45', and "hits" from 49.5 - 54.5'?

$$\frac{H-M}{H-L} = \frac{X}{\text{Dist } M-L}$$

$$\left( \frac{0.34}{.44} \right) 140.625 = X = 108.7$$

④ Where's QA/QC lab info for H<sub>2</sub>O/soil ??

Arco # 2152  
22141 Center Street

MEMO to file:

5-30-90

Chase Jiannalone has taken Steve Welge's place at Arco, with regard to compliance issues (ie, UST registration, monitoring, etc.).

Ron Miles is handling the UST closure/installation.

Kyle Christie is handling remediation issues

I left a message w/ Arco (Sam Mateo) for Ron Miles, and on Mr. Miles' voice mail (1-800-825-4444 x64177). I reminded him that we still do not have TSD-to-Generator copies of manifests used for the disposal of the USTs removed in August 1989.

305

memo to file

1-18-91

I spoke with Steve Bittman of Applied GeoSystems today re: the Nov. 13, 1990 AGS report, and discussed the issues on the attached sheet. The topics included:

- ① QA/QC lab results for soil/G.W. samples collected during the investigation: I advised him that QA/QC results must appear in future reports;
- ② screening criteria for selection of samples for analysis: I advised him that field screening is OK, but that those showing "hits" should be analyzed; and, that all samples collected @ 5' intervals and changes lithology in borings w/in 10' of the contaminant source (ie, tank pit, piping, etc) are to be analyzed. I referred him to the 10 Aug 90 RWQCB "Recommendations" re: this issue.
- ③ I explained the rationale behind monthly sampling of wells during the first 1/4 for chemical analysis, and reiterated the requirement for monthly G.W. level measurements.

Area Station

Nov 23, 1989

C.V.

846-4177 hm.

Ron Miles -

800-825-4444 ans. service

ID# 64177 #

- 1) Leak report
- 2) wells/remediation proposal
- 3) final closure report



Steve Welge was told about the above issues. He indicated that Ron Miles would be henceforth handling this case. I placed calls to both phone #'s above and left messages for Ron to call me back.

SOS

12-13-89

A message was, again, placed with Ron Miles's answering service. I reiterated my request for the three (3) items noted above.

SOS