

① EPA Manual for guidance in conducting the risk assessment

② does sampling do for satisfy SW846?

③ RA must include a discussion of all contaminants found

④ Need map of sample locations

④ G.W. monitoring schedule?

resampled in Dec

AFS 100ppb in GW

From 1-13-92 meeting

NOTES

**IMPORTANT MESSAGE**

FOR P.T. Ravi  
DATE 2/25 TIME 10:45 <sup>AM</sup> ~~P.M.~~  
M Madelina Wall  
OF Ch2m Hill  
PHONE 652-8149 2189  
AREA CODE NUMBER EXTENSION

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CAME TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	SPECIAL ATTENTION	<input type="checkbox"/>

MESSAGE Ravi - FYI only - she  
is the consultant for Pepsi for  
the site at Industrial x Hesperian  
-currently known to us as  
"Filare Partners" in deposit  
refund. You don't need to call

SIGNED her. Pam  
LITHO IN U.S.A.

# Lowney Associates for Filare Partners

12/19/91

## Hayw. Parcel - Issues

Conv. 12/23 w/ Ron Helm

- ① Historical research indicates past agricultural use. No soil sampling was done for pesticides. State they tested for pesticides in GW - which ones? Priority pollutants pg 24
- ② TLCs are not remediation levels. Remediation levels must be health based & will be set by a Risk Assessment (Human Health & Environmental?) (unless they want to clean all to N.D.)
  - ID hazards
  - toxicity eval
  - exposure assessment
  - risk characterization

plan to do a R/A

- ③ Re: Metals - surface samples only (905' to 1.0') show levels of concern for residential prop. (>180ppm)  
This showed up in 3 areas  
what's the approach to be - a map showing dist. of lead (like 076 plots) would help  
more sampling is being done asked for map

④ Motor oil = possible BTEX + heavy metals

- ⑤ Page 3 - "elevated levels of Pb, Cr, Cu, Zn have been found in previous investigations" - GW results in report + soil. Risk levels for Cu? Cr? others?

Risk Assessment other - go thru report

will resubmit the draft w/ new info on heavy metals + an R.A.

We have no figures maps, diagrams  
NOTES: where samples? sample results?  
well installation data, etc.

~~Agencies involved in the investigation~~  
~~line drawings from the site~~

They have tested for:  
EPA priority pollutants  
• VOCs • asbestos • cyanide  
• organochlorines • PCBs

? Anything else from Title 22?

Found:  
Soil - motor oil, (surface) - how deep did they test?

Metals - from slag mixed w/ surface fill mat'l - what kind?

GW have 5 wells - 3 wells showed TP as diesel or petroleum oil - what all did they test for? BTEX?

Characterization of the soil should be done. ALSO showed metals

~~What about the data on the site?~~  
~~What about the data on the site?~~

Full extent of contamination needs to be determined - if that seems to be deeper than 5 feet - so be it

radial pattern is OK - what about depth - if ~~motor oil~~ - what about ~~is~~ contaminants? ~~metals~~

Confidence level - City + County require 95% confidence level.

Which EPA guidance documents to review ~~risk assessment~~?

Don't forget PEA manual - what's the rationale behind what doing?

Env. risk assess? CA should address all identified health risks not just ~~the~~