

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, March 08, 2016 10:28 AM
To: 'Nick Loizeaux'
Cc: Glenn Skawski (Glenn.Skawski@rpsgroup.com)
Subject: RE: Related 94th/International "catch up" call / comments?

Nick,

At this point Dilan has reviewed the submittals, I have not had the time, so the comments and concerns are what she identified. That said, in general you have largely captured most elements of the call. I've added additional comments to your list below, in red. Let me know if you have questions; likely you may.

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org

PDF copies of case files can be downloaded at:

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

From: Nick Loizeaux [mailto:nick@irisenv.com]
Sent: Tuesday, March 08, 2016 9:30 AM
To: Detterman, Mark, Env. Health
Cc: Glenn Skawski (Glenn.Skawski@rpsgroup.com); Nick Loizeaux
Subject: Related 94th/International "catch up" call / comments?

Hi Mark –

Friday's call with Dilan Roe, you, and my Related client and associated posse, was a bit quick for me to capture all the comments. Prior to RPS Iris engaging fully on the revisions, I was hoping we could catch up by telephone, either late today or sometime Wednesday. If you concur with my notes from our call, that will be useful too, and perhaps we don't need to speak.

What I think I heard:

- a) Consideration of additional soil vapor sampling. **Initial results indicate soil vapor concentrations of some contaminants; are these samples on the edge or in the center of the potential contamination (i.e. can it be established if the lateral concentrations be lower or higher?)?**
- b) Additional step-out delineation of lead in shallow soils, including an assessment of lead concentrations (potentially leachable **or simple dermal / direct contact exposure in landscaping to residents [kids to adults]**) in future landscaping/drainage features. A comment was made that the future landscaping/drainage features were omitted from several figures. **One drainage basin was shown on figures, more are shown on development plans (sheet C-3), and are mostly (?) unevaluated. Grid pattern appropriate, especially in landscape areas. Sampling logic for existing results may help explain approach.**
- c) Additional narrative explaining the low-level presence of middle to heavy-end hydrocarbons, and their implications. **Source and, as above, are these samples on the edge or in the center of the potential**

contamination? May include groundwater sources (old trolley maint yard?; as location is undefined for our review?)

- d) Additional narrative explaining naphthalene results. Old trolley yard??; other?; sources as indicated by analytical data; associated TPH data?
- e) Presentation of available solubility results (STLC/TCLP) for lead. Data not presented or lacking; if present in drainage basins would be concern
- f) Investigate and opine on the likelihood of soil vapor impacts to affect adjacent residential structures (including those with basements(?)). Potential basements are always a possibility in older housing stock; requires foundation review and analysis; Google Earth street view is excellent for a first check (full set of stairs to first level, cripple walls, or ground level windows) followed by field confirmation as needed. Depth of vapor sample relative to foundations (potential LTCP analysis?)
- g) Revise plan from "Site Management Plan" to "Remedial Action Plan for Lead Excavation".
- h) Old dry cleaner – stoddard solvent or PCE?; rationale for bore location? – based on knowledge of former machine location or simply within parcel / building location?; near old sanitary sewer lateral for potential disposal to sewer? Other?
- i) XRF – Other agencies in Bay Area that accept as evaluation / screening tool (we've not seen it's use before)
- j) Risk Assessments – Reports need to be independently evaluated by a certified toxicologist as we do not retain one; we can provide names.
- k) Historic APN list and new merged APN
- l) I've a note about "Soil vapor to "south" of right hand corner of site"
- m) Figure 4 – parcels / boundaries
- n) Figure 5 – all stormwater infiltration locations (from sheet C-3)
- o) Figure 7 – add locations soil and vapor (not sure, but it's what my notes say).

Thanks, Nick

Nicholas T. Loizeaux, P.G.
Principal - RPS Iris Environmental

1438 Webster Street, Suite 302,
Oakland, California, 94612.
USA

Tel: +1 510 834 4747 x14

Fax: +1 510 834 4199

Mobile: +1 510-772-7866

Email: nloizeaux@irisenv.com

www: www.rpsgroup.com | www.irisenv.com

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