

From: [Soo, Kit, Env. Health](#)
To: ["Rita Sullins"](#)
Cc: [Jenny Weese](#); [Eric Price](#); [Roe, Dilan, Env. Health](#)
Subject: RE: RO394 - Arrow Rentals - 187 N. L St., Livermore - Comments to Report and Low Threat Closure Request
Date: Wednesday, August 03, 2016 8:54:00 AM

Hi Rita,

Why don't we figure this out during the meeting. We can also get more clarification on when and which letter Jerry had communicated to you, to request for site closure. Unfortunately, I did not see any correspondence or letters to that effect. I however have access to everything on geotracker and the county ftp site and so, I am not sure what documents I am missing. Further, we can go over what our concerns are, why they are so, and discuss the paths to closure.

Please note that Livermore falls within Zone 7 Water Agency, where groundwater from the Livermore Valley Groundwater Basin is used for beneficial use and a source of drinking water.

Please also feel free to have Eric or Jenny call me ahead of time and before the meeting if they are unclear about anything and need guidance.

Thanks and talk to you then, Kit

From: Rita Sullins [mailto:tonynrita@comcast.net]
Sent: Monday, August 01, 2016 9:10 AM
To: Soo, Kit, Env. Health <Kit.Soo@acgov.org>
Cc: Jenny Weese <JWeese@groundzeroanalysis.com>
Subject: Re: RO394 - Arrow Rentals - 187 N. L St., Livermore - Comments to Report and Low Threat Closure Request

Hi Kit,

This might be among the most discouraging news we have had for a very long time. Perhaps you could give me your thoughts on why Jerry Wickham would have requested that we submit a request for closure. I would have thought he would have requested information necessary for closure, before doing that. This has been very hurtful.

We have been dealing with this contamination for over 30 years. We started out when we were in our 40's and now, I am 75, and my husband is 78. Looking over the enormous amount of past reports, it appears that this site is, and has been, cleaning itself up for the most part, actually by attenuation. The levels of contamination have dropped dramatically. I know of no wells or drinking water that would be affected. Of course, I admit I am not a geologist.

I look forward to hearing from you, and learning what, if any, the danger might be in the near, or long ranging future, from this site. Has this site been a danger to anything, or anyone, in the past 30 years? These are the kinds questions that go on in our minds. We are beginning to wonder if this will be settled before we die.

We will be on the conference call with you and our geologist on August 25. I'm sure they will

be able to answer any questions you might have.

Sincerely,
Rita

On Jul 29, 2016, at 4:05 PM, Soo, Kit, Env. Health <Kit.Soo@acgov.org> wrote:

Dear Mrs. Sullins,

Alameda County Environmental Health (ACEH) staff has reviewed the *First Semi-Annual 2016 Groundwater Monitoring and Remediation Effectiveness Report and Low Threat Closure Request* (the Report), dated June 6, 2016, prepared by Ground Zero Analysis, Inc., associated with the case file for the above referenced site. This report was prepared in response to ACEH's directive dated January 22, 2016.

Based on our review of the case file and Report, we are unable to grant closure for this site under the Low Threat Closure Policy at this time. Our review indicates that there is incomplete data to support site closure due to failure to meet the groundwater specific criteria and vapor intrusion. We would like to meet with your consultant in person to discuss the following items (see bulleted items below) during our planned meeting (August 25, 2016 – 1-3 pm). We will still have you on the conference call at the same time. The intent of the meeting is to gain a better understanding of the data presented by Ground Zero to support the request for closure and to discuss the path to closure.

- Remediation effectiveness, radius of influence and current status of remediation system (on or off).
- Plume delineation in shallow groundwater on the southern boundary.
- Potential vapor intrusion issues on and offsite (to the south of the site).
- Verification soil sampling to confirm remediation of contaminants within the interval of the shallow and upper intermediate groundwater zones to confirm reduction in contaminant mass and support reductions in historic groundwater concentrations that have not been able to be confirmed due to drought conditions and subsequent dry wells.
- TPH-diesel analysis and reason for discontinuance.
- Rebound/verification groundwater sampling program for the intermediate and deep groundwater aquifers after system is shutdown.
- Updated Well Survey – This was requested in ACEH's directive dated January 22, 2016. We did not see this update in the submitted report.

In preparation for the meeting, please also have your consultant prepare and bring the following to the meeting to facilitate data review and discussion:

1. Table 9 – Estimation of Mass Removal Via Soil Vapor Extraction (from June 6, 2016 Report)
 - Add columns for operational period, and total number of days per period.

This will provide a better idea of how many days in period for the operation duration.

2. Table 12 – Summary of DPE System Groundwater Extraction Data.
 - Same as above, add operational period and total number of days per period.
 - Indicate system shut down dates in the table.
3. Charts 1 through 6 – Time Concentration Plots for Benzene vs. Time
 - Indicate on the chart when the DPE and AS started and if there were shutdowns more than 48 hours.
 - Overlay water level hydrographs onto each chart for each well.
 - Expand the Time Concentration Plots to include TPH-g and d.
4. Create Time Concentration charts for the remaining wells at the site and include all items mentioned in item 3.

If you have additional topics that you would like to address, please add them to this list and we can discuss them on August 25, 2016. Thank you.

Best Regards, Kit

Kit Soo, PG

Senior Hazardous Materials Specialist

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