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From: Rik Lantz
Sent: Fri 8/12/2016 11:04:51 PM
Subject: ** SulTRAC and Regulator Confidential ** USS Lead Weekly Update 8/12/2016
Zone 2 Sampling Map 8-12-16.pdf

USS Lead Weekly Update for SulTRAC RD Project – 8/12/2016

** SulTRAC and Regulator Confidential **

All: USS Lead continues to be a focal point for activity, and continues to change rapidly. A map illustrating our current sampling progress in Zone 2 is attached. Here is the current status:

1. Zone 2 sampling metrics:

•□□□□□□□□ Total properties in Zone 2: ~600

•□□□□□□□□ Total properties in Zone 2, south of 149th: ~220

•□□□□□□□□ Total city-owned properties in Zone 2, south of 149th: ~60 (access agreement request sent 8/3)

•□□□□□□□□ Total access agreements in Zone 2, north of 149th: 72

•□□□□□□□□ Total access agreements in Zone 2, south of 149th: 91

•□□□□□□□□ Properties sampled in Zone 2 (post-RI) (thru Friday): 19.5

2. Access agreements: We still have many properties in Zone 2 that we can sample next week, but there are several issues with access agreements for other properties as follows:

•□□□□□□□□ Mismatches: SulTRAC has identified ~ 45 access agreements where the person who signed the agreement doesn't match the name that the tax assessor say owns the property, even though we queried in the field whether they were authorized to grant access to the property. We are working on refining access to these properties and ensuring that the actual owner grants access.

•□□□□□□□□ City-owned properties: The City of East Chicago owns quite a lot of properties in Zone 2, including one high priority day care property. Steve Kaiser requested access to these properties on August 3, but we have not yet gotten access to the City owned properties.

•□□□□□□□□ Zone 3 access: Several residents in Zone 3 who previously refused access or who

we could not locate have given us access to sample. We are not currently directed to sample any property in Zone 3, but we can sample these properties when we are asked to do so.

3. Sampling Zone 2: SulTRAC collected samples from 19.5 properties this week, and requested 48-hr turnaround for preliminary data, 7-day turnaround for final data. We sent out preliminary data for the first three properties yesterday. The highest preliminary lead concentration of 1,580 mg/kg was detected in the 0-6 interval of the back yard at 5008 Melville. No other samples had preliminary Pb concentrations > 1,200 mg/kg. The highest preliminary As concentration was 35.9 mg/kg in the 18 - 24 interval in the front yard at 5003 Melville. No samples had preliminary As > 68 mg/kg. No data has yet come in from the group of samples we sent the next day. SulTRAC will increase our sampling effort and we plan to have 2 to 3 sampling teams in the field as we ramp up our sampling effort.

We have so far focused our efforts in Zone 2 on the area south of 149th. We will eventually run out of properties to sample in this area, but will not move north of 149th until asked to do so by EPA.

4. Action numbers for Zone 3: We now have all of the data from the Zone 3 sampling effort, and will work through the weekend to QC the action numbers and prepare a final table. We plan to have a complete Zone 3 action number table and letters reporting results to Zone 3 residents by COB Wednesday.

5. New parcels for Zone 2: Our parcel boundaries and ownership information for Zone 2 dated from the RI (2010), so SulTRAC obtained new parcel boundaries and ownership information from the Tax Assessor on Monday. The new information required some refinement, for example to merge adjacent properties with the same owner into a single property. This effort is complete and the new parcel boundaries and subdivision into yards or quadrants has been uploaded onto the project ftp site.

6. SCRIBE upload of new data: SulTRAC participated in a call with EPA FIELDS and contractors to discuss an efficient method to upload new analytical data from Zone 2 in real time. We will endeavor to have a chemist review the preliminary data and upload data to SCRIBE within 4 days of sample collection. The current plan is to ship samples overnight to a laboratory, get preliminary data 48 hrs later, have a chemist review the data and upload in an additional 24 hours. Thus preliminary data from samples collected on Monday may be available for review on Thursday. SulTRAC is investigating subscription to SCRIBE that allows a group to publish and review data.

SulTRAC also discussed with FIELDS the data that we record while collecting samples. FIELDS is working on creating tablet computers with which we can record and upload this data in real time, with a tentative delivery of several iPad tablet computers to the field team one week from now. The tablet based field data entry should streamline the process, reduce transcription errors, and make data available to a wide audience in real time.

7. New lab for faster turnaround time: SulTRAC has been asked to evaluate the availability of a private laboratory and third party data validator to provide a faster turnaround time. We have identified several laboratories/vendors who can offer these services and have prepared a bid package to determine costs associated with the accelerated turnaround time. We have requested response by COB Wednesday.

8. New field office: SulTRAC is making preparations to rent a field office at 628 W Chicago Avenue just west of the site. We are working on the lease and hope to have place in East Chicago to call home early next week.

SulTRAC will continue to support EPA however we are able, and we will continue to devote appropriate attention and resources to this high profile project.

Thanks,

Rik