

## Hassan, Jacob

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**From:** Gebien, Charles  
**Sent:** Tuesday, February 03, 2015 3:26 PM  
**To:** Bruce, Donald; Hassan, Jacob  
**Cc:** Tanaka, Joan; Hardin, Erik; OSBORN, REX; El-Zein, Jason; Petroff, Douglas; Borries, Samuel  
**Subject:** RE: Town of Pines - Referral for a Removal Evaluation-Arsenic Issue  
**Attachments:** Quadrant Inorganic Sample by Sample Screen\_Unvalidated\_2015-01-28.pdf; Quad Maps\_Unvalidated Sample Data Plotted.pdf

**Importance:** High

Don  
After discussing the site history and OSC availability with Sam Borries, we have assigned this site removal evaluation to OSC Jacob Hassan (312) 886-6864. I also spoke with Rex Osborn, Chief Federal Programs Section Office of Land Quality Indiana Department of Environmental Management to inform him of the site referral and to determine IDEM's site project manager. Jacob will coordinate his activities with RPM Erik Hardin and IDEM's Doug Petroff in accordance with the process below:

Jacob  
Please arrange a site briefing for Sam Borries, Jason El-Zein, and I after you have had a chance to speak with Erik and Doug for site information.

### **IDEM Removal Referral and Coordination Process June 21, 2013**

Several changes have occurred over the past few years at both IDEM and U.S. EPA. As such, it's become important to define how our organizations plan to communicate activities at actual or potential removal sites. The guidelines below outline a very straight-forward approach to ensure appropriate communication and reduce administrative errors in the site referral and/or discovery process.

1. Site Removal Referrals may be sent to EPA from various entities in Indiana besides the Indiana Department of Environmental Management (IDEM). In order to facilitate IDEM's tracking of these sites through their Federal Programs Section Site Investigations Program Gatekeeper process, all Site Removal Referrals should be communicated to IDEM's Federal Programs Section Chief, Rex Osborn at [removalreferrals@idem.in.gov](mailto:removalreferrals@idem.in.gov). IDEM will communicate known information about the Site back to EPA's Chief of Emergency Response Section 4, Charles Gebien, at [gebien.charles@epa.gov](mailto:gebien.charles@epa.gov).
2. OSCs should contact Rex Osborn when EPA is about to conduct a Removal Evaluation as IDEM Site Investigations (SI) Program staff may choose to accompany the OSCs during the Removal Site Inspection to collect background information and discuss the removal evaluation strategy. This early coordination, which is a preliminary assessment of sorts, could help tailor the removal activities such that further screening or assessment for NPL purposes by IDEM SI staff would not be needed once the removal action is complete. Where possible, SI Program staff would also like a one (1) week time frame prior to the Removal Site Inspection to discuss the removal evaluation strategy. EPA should not, however, change our Removal Evaluation Procedures or hold off doing a Removal Evaluation, if needed.
3. OSCs typically don't request NPL assessment (or identify a Site Discovery Date), when preparing Site Information Forms (SIFs). If CERCLIS designation is planned to be anything other than a Removal Evaluation, the SIF submittal will be coordinated through the Site Assessment Manager at U.S. EPA and IDEM SI staff.
4. ARARs requests from EPA should be sent by e-mail or letter to Rex Osborn.

5. EPA will add Rex Osborn, IDEM, w/o Enforcement Addendum ([rosborn@idem.IN.gov](mailto:rosborn@idem.IN.gov)) to the cc list for all Action Memos within Indiana.
6. Rex Osborn should receive all PolReps for sites in Indiana.
7. Following submittal of the Final PolRep, if a site needs further remedial action/investigation not addressed by the removal action, the OSC will notify Rex and U.S. EPA's Site Assessment Manager. Rex will ensure it is routed to the appropriate IDEM section/program.
8. Emergency response actions are not covered by these guidelines. The U.S. EPA OSC will coordinate all responses with Max Michael in IDEM's ER program. However, PolReps will be distributed to both Rex and Max to ensure quality communication.

Rex's contact information is:

Rex A. Osborn, Chief  
Federal Programs Section  
Office of Land Quality  
Indiana Department of Environmental Management  
Phone: (317) 234-0351  
Fax: (317) 234-0428  
Email: [rosborn@idem.In.gov](mailto:rosborn@idem.In.gov)

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**From:** Bruce, Donald  
**Sent:** Tuesday, February 03, 2015 10:28 AM  
**To:** Gebien, Charles  
**Cc:** Borries, Samuel; Tanaka, Joan; Hardin, Erik  
**Subject:** FW: Town of Pines - Arsenic Issue  
**Importance:** High

As we discussed, the Superfund Remedial Program is requesting an OSC be assigned to the Town of Pines site in Northwest Indiana in order to conduct a Removal Evaluation for residential properties found to be contaminated with elevated levels of Arsenic in soils (see data tables and maps attached for 9 properties sampled so far). The Arsenic levels are related to coal ash that was historically brought to the properties as fill material. The RPM Erik Hardin and Mark Johnson from ATSDR are currently working with the PRP NIPSCO on informing property owners of the data. Eugene Jablonowski has also been assisting Erik on a somewhat separate issue related to radiation testing and sampling. Please let Erik know once an OSC has been assigned, and if there are any questions. Thank you for your assistance.

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**From:** Hardin, Erik  
**Sent:** Tuesday, February 03, 2015 9:58 AM  
**To:** Bruce, Donald  
**Subject:** Town of Pines - Arsenic Issue  
**Importance:** High

Don:

In a nutshell, we were having the PRPs test residential yards in response to radiation concerns that were brought up, but they included all COPCs. As you can see, As is the big driver, but there are some "hits" for Aluminum and Thallium as well.

Note that under the sample ID, the 5<sup>th</sup> digit designates the quadrant (4<sup>th</sup> digit is Q for quadrant). If the 5<sup>th</sup> digit is a(n) A, B, C, or D, it's just a residential yard location. If it's a G, it's in a garden. If it's a P, it's a playground or child's play area of some sort.

The 6<sup>th</sup> and 7<sup>th</sup> digits designate the depths. SS = 0" to 6", NS = 6" to 18", and SB = 18" to 60"

These are results from the 9 yards sampled. There are some 30+ other yards expected to have coal ash fill materials as well. Though, I think we would need to have some sort of open-ended thing such that others could come in if they believe they have coal ash in their yards.

The yards id'ed so far as having coal ash, were done so by the PRP's contractor based on town records. Not sure how complete and reliable these were.

Thanks,  
Erik

D. Erik Hardin  
Remedial Project Manager  
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(312) 886-2402