

## Beggs, Tauren R - DNR

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**From:** Beggs, Tauren R - DNR  
**Sent:** Monday, April 27, 2015 1:42 PM  
**To:** 'Halbur, Kathy'; Hamblin, Pat; Sylvester, Kathy M - DNR  
**Cc:** Fassbender, Judy L - DNR; Kondreck, Robert  
**Subject:** RE: Aniwa Arsenic Sampling Plan

Hi Pat,

- The other residential wells in the area have been monitored and the only well that has been impacted is at the Timm residence.
- For the monitoring wells, as Kathy stated, some will be removed during the excavation and will not be replaced, so we can only provide a range for how many will be sampled post-removal.
- The addition of sediment samples is a good idea. I agree with Kathy that there is not a good location on-site for background sampling of sediment and surface water.
- Just to confirm, with these changes, is all the sampling still going to be completed by EPA Removals and analyzed using their labs?
- I will work with Kathy S. to revise the Work Plan.

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Tauren Beggs  
Phone: (920) 662-5178  
Tauren.Beggs@wisconsin.gov

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**From:** Halbur, Kathy [mailto:halbur.kathy@epa.gov]  
**Sent:** Sunday, April 26, 2015 10:01 AM  
**To:** Hamblin, Pat; Sylvester, Kathy M - DNR  
**Cc:** Beggs, Tauren R - DNR; Fassbender, Judy L - DNR; Kondreck, Robert  
**Subject:** RE: Aniwa Arsenic Sampling Plan

Hi Pat:

Please disregard the groundwater flow information in the figures provided. I do not think it is accurate. We plan to re-establish the groundwater contour information as part of our removal activities. The Timm house is clearly impacted by the Site. We already collected samples from the Timm residence to design the water treatment system and will collect additional samples after the system is installed to demonstrate it is addressing the issues. There is already a substantial amount of background/historical data from all the neighboring wells (collected by the Town). WDNR (and/or the Town) would need to collect any additional residential drinking water and residential soil sample(s). I believe these are beyond the scope of my Action Memo.

We will collect samples from the nine existing wells prior to the removal. Some of these wells will be abandoned/removed during our excavation (number TBD). We only plan to replace B-13/B-13A. The post-removal sampling will be ~3 months after the removal. This will likely be 4 wells, but as previously indicated, it is TBD at this point.

We can add sediment samples, no problem. I probably can't sample sediment/surface water from a background location, but do think there are plenty of nearby viable options for this.

Hope this helps rather than complicates matters... ☺

kch

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**From:** Hamblin, Pat  
**Sent:** Thursday, April 23, 2015 1:00 PM  
**To:** Sylvester, Kathy M - DNR  
**Cc:** Halbur, Kathy; Beggs, Tauren R - DNR; Fassbender, Judy L - DNR  
**Subject:** RE: Aniwa Arsenic Sampling Plan

Kathy,

We've taken a look at the work plan and have a few comments:

Recommend including a soil and residential well background sample.

The groundwater samples are not numbered, it's unclear how many samples will be collected and their locations.

Based on the site figures, the residential well planned for sampling appears to be upgradient based on the site figures? Would it be possible to also sample the next downgradient residential well (labeled "Seidler" on the figure)?

Can a limited number of sediment samples be collected to assess impacts to the pond? E.g. co-located with the surface water samples. Also is there a suitable background sediment and surface water sampling location?

Thanks,  
Pat

Patrick Hamblin  
NPL Coordinator  
EPA Region 5  
312-886-6312

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**From:** Hamblin, Pat  
**Sent:** Monday, April 20, 2015 7:22 AM  
**To:** 'Sylvester, Kathy M - DNR'  
**Cc:** Halbur, Kathy; Beggs, Tauren R - DNR; Fassbender, Judy L - DNR  
**Subject:** RE: Aniwa Arsenic Sampling Plan

Hi Kathy,

Since removal is handling the logistics with the analytical samples, we don't need to provide the analytical services section notification of approval of the work plan in order to arrange the CLP lab, but we still need to review the work plan to make sure there will be enough pathway information to score the site under HRS.

I'm out early this week, but we'll try to get to it and let you know if we have any comments soon.

Thanks,  
Pat

Patrick Hamblin

NPL Coordinator  
EPA Region 5  
312-886-6312

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**From:** Sylvester, Kathy M - DNR [<mailto:Kathy.Sylvester@wisconsin.gov>]  
**Sent:** Saturday, April 18, 2015 10:06 AM  
**To:** Hamblin, Pat  
**Cc:** Halbur, Kathy; Beggs, Tauren R - DNR; Fassbender, Judy L - DNR  
**Subject:** Aniwa Arsenic Sampling Plan

Hi Pat, Just wanted to give you a heads up that I've uploaded the sampling plan for the Aniwa project to the portal. I know EPA prefers these to be approved prior to the work, and since it is also a removal that may happen as early as May I quickly wrote a somewhat abbreviated version. And thanks to Kathy Halbur ☺ I was able to copy a lot of her summary.

I'm on vacation this next week, but wanted to get this to you guys asap. Hopefully it's acceptable. Thanks for your help!

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**Kathy Sylvester**

Hydrogeologist, Remediation & Redevelopment Program

Wisconsin Department of Natural Resources

625 East County Road Y, Suite 700, Oshkosh WI 54901

**Phone: (920) 424-0399**

Fax: (920) 424-4404

[kathy.sylvester@wisconsin.gov](mailto:kathy.sylvester@wisconsin.gov)

NOTE: My regular work hours are Mon – Thurs 8:00 a.m. to 4:30 p.m.

The Oshkosh Service Center is open to the public from 9:00 a.m. to 4 p.m.

