



September 17, 2014

Mr. Dan Lex – Chairman
Town of Aniwa
N10485 Cherry Road
Aniwa, WI 54414

Subject: Case Closure Denial for Soil Remediation and Groundwater Monitoring
Aniwa Arsenic Site, Marsh Road, Aniwa, Wisconsin
DNR BRRTS Activity # 02-59-000198

Dear Mr. Lex:

On September 2, 2014, the Department of Natural Resources (DNR) reviewed your request for closure of the case described above. The DNR reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of your closure request, the closure committee has denied closure because additional requirements must be met. The purpose of this letter is to inform you of the remaining requirements for obtaining closure.

Additional site work is necessary at the above described site in order to meet the requirements for site closure. Your site was denied closure due to the following reasons:

- Groundwater monitoring and additional soil investigations indicate an additional arsenic source may still be present in soil that needs to be removed and/or treated;
- Arsenic and lead Direct Contact (DC) Residual Contaminant Level (RCL) soil exceedances are still present within the upper four feet of the soil profile;
- Groundwater monitoring does not show a stable or decreasing contaminant plume/trend;
- Need to investigate wetland for arsenic and lead contamination
- Determine if arsenic concentrations exceeding a NR 140 Preventive Action Limit (PAL) and approaching an Enforcement Standard (ES) exceedance in the private potable well on the adjacent property to the west of the site are correlated to the on-site arsenic contamination.

The following steps are needed to obtain case closure:

Need to Conduct Additional Remedial Action

Additional remedial action is needed in order to comply with the closure criteria of ch. NR 726. A soil removal action and/or an in-situ treatment are required to reduce and/or eliminate high arsenic and lead concentrations that exceed the DC RCL and Groundwater Pathway RCL standards. This also includes looking for other buried sources.

Need to Conduct Additional Groundwater Monitoring

Additional groundwater monitoring is needed in order to establish compliance with the closure criteria of ch. NR 726. After the remedial action is completed, groundwater monitoring shall continue to determine if the remedial action and natural attenuation of groundwater will stabilize or decrease the groundwater plume. Wells that will be included in future groundwater monitoring will need to be sampled for arsenic and lead. In addition, monitoring wells B-13 & B-19 need to be sampled for Nitrate Nitrogen and B-13a needs to be sampled for Ammonium Nitrogen since there were ES and/or PAL exceedances of these compounds in those specific wells.

Need to Conduct Surface Water Sampling in the Wetland

Surface water sampling in the wetland on the northern portion of the site is needed to determine if the wetland is being impacted by arsenic and lead contamination. Surface water monitoring shall be conducted concurrently with groundwater monitoring if analytical results indicate arsenic and lead contamination is present.

Need to Conduct Additional Potable Well Sampling on Adjacent Property

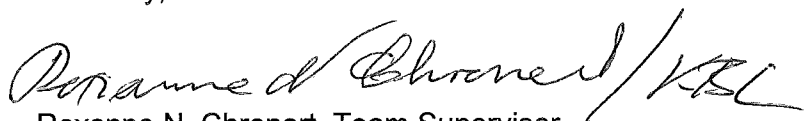
Additional potable well sampling is needed in order to monitor arsenic concentrations in drinking water at the adjacent residential property to the west of the site. This sampling shall be conducted concurrently with groundwater monitoring. If a NR 140 ES is exceeded, additional actions will need to be taken to address resident(s) health risks.

Submit a complete closure request once all the above requirements have been satisfied, together with any required documentation, to let me know that applicable requirements have been met. Case closure can be considered once all the above requirements have been satisfied.

Approval for Environmental Protection Agency (EPA) assistance was granted on September 11, 2014 for a time critical remedial action at the site. The EPA On-Scene Coordinator (OSC), Kathy Halbur, and DNR Project Manager, Tauren Beggs, will correspond with you on the actions that will be taken by EPA for this remedial action. After the EPA remedial action is completed, the remaining actions outlined in this letter will need to be addressed in order to complete the requirements needed for case closure. **Within 60 days after notification that the EPA remedial action is complete, please respond in writing with a schedule of your plans to meet the remaining requirements covered in this letter. Until requirements have been met, your site will remain "open" and you will also need to continue to submit semi-annual progress reports, as required by s. NR 724.13(3), Wis. Adm. Code.**

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact Kathy Halbur (920) 634-9072 or at Halbur.Kathy@epa.gov or Tauren Beggs at (920) 662-5178 or at tauren.beggs@wisconsin.gov.

Sincerely,



Roxanne N. Chronert, Team Supervisor
Northeast Region Remediation & Redevelopment Program

cc: Andy Delforge, REI Engineering, Inc. (E-copy, adelforge@reiengineering.com)
Warren Hohn (E-copy, whohntesting@aol.com)