

Project Summary

Site Investigation & Remediation: Fertilizer Plant

Client:

Agriland Cooperative,
Ripon, WI

Contact:

Dennis Halbach, Agronomy
Manager

Project Manager:

Ms. Amy Haak, P. G.

Regulatory Status:

Closed with groundwater
GIS registration

Project Features

Remediation coincident with
facility expansion

Use of mobile laboratory during
site investigation to
speed up the project

Landspreading of contaminated
soils

Soil investigation and remediation
complete in under
3 months

No ineligible costs

Remediation Division Staff

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Synopsis

The Coop planned to revamp their entire granular fertilizer storage and distribution system by demolishing the old building and constructing a new facility on the old building's footprint. The Cooperative wanted to determine if environmental remediation work was necessary and complete the environmental activities before the new building was erected, without delaying their planned building schedule or interfering with their busy spring business.

A site investigation was conducted using a Geoprobe and mobile laboratory. This approach allowed for collection of information in a fast and relatively unobtrusive manner. Less than two months later excavation of approximately 7,000 cubic yards of contaminated soil was completed, and the majority of the soil was landspread. Soil contamination extended to the bedrock surface, and was noted in bedrock monitoring wells. Building construction work progressed as planned with installation of monitoring wells after construction completion. The site was closed with a registry on the WDNR's groundwater GIS registry.

Testimonial

Dennis Halbach, Agronomy Manager at AgriLand Cooperative, wrote:

"AgriLand Cooperative addressed an agricultural chemical cleanup situation at our Ripon location. Obviously, we needed assistance from a consulting firm to help us with this project. As many of you know, there are agonizing decisions that must be made when looking for a consulting firm. We selected Alpha Terra Science.

This wasn't your typical remediation project. The investigation had to be completed, the existing fertilizer building demolished and contaminants cleaned up in less than four months so we could begin construction for facility expansion.

With the efforts of Amy Haak, Alpha Terra Science project manager, we met these objectives. Constant communication between parties was an important part of the success of the project. Also, we have incurred no ineligible costs to date.

I strongly endorse Alpha Terra Science for those of you who might face an agricultural chemical cleanup in the future."