

# BAM Injection Acetochlor/ Metolachlor

Former Ag Chem Storage – Eastern Wisconsin

## DPT Injection

**Project Summary:** ORIN conducted direct injection treatment to target groundwater contaminated with Acetochlor and Metolachlor using BAM, a pyrolyzed cellulosic material. The remedial footprint of the site is 11,400 ft<sup>2</sup>, ORIN used 120 DPT points to evenly distribute the treatment chemistry across the site. ORIN also installed 5 extraction wells spaced out across the site and used a vac truck to aid in treatment chemistry distribution by controlling the hydraulic gradient on the site.

Exceeds 85% Reduction

### Site Conditions:

#### Groundwater Contaminants –

Acetochlor: 56 µg/L

Metolachlor: 6,300 µg/L

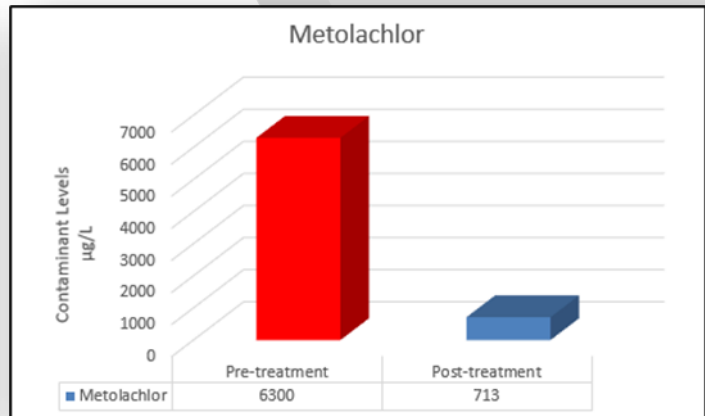
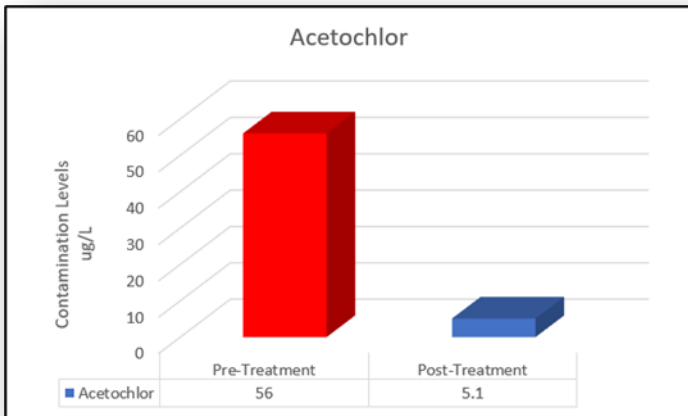
#### Impacted Matrix –

Fill (F-M Sand), Sandy Silt

Silty Clay

#### Treatment Chemistry –

BAM



**Project Results:** Baseline sampling indicated concentrations of Acetochlor and Metolachlor at 56 µg/L and 6,300 µg/L within the groundwater immediately before treatment. The Acetochlor levels were reduced by 90.9% and Metolachlor levels were reduced by 85.5%.

