

Project Objectives – 03/31/2021

1. Quantify the baseline concentrations of neonicotinoid insecticides and fungicides and their transformation products on and off site immediately after closure of the AltEn facility.
2. Determine the transport of neonicotinoid insecticides and fungicides along with their transformation products from the wastewater lagoons, stockpiled wetcake piles, or land-applied wet cake vertically into the soil profile to determine potential impacts to groundwater.
3. Determine the transport of neonicotinoid insecticides and fungicides along with their transformation products to surface water and surface soils from stockpiled wetcake piles in runoff during precipitation events.
4. Evaluate the potential for dust or airborne contaminants to result in human or environmental organism exposures.
5. Investigate possible adverse human health effects in persons living near the AltEn facility by conducting a survey of their perceived health effects, collecting blood and urine samples for analysis of possible contaminants, and examining relevant hospital records.
6. Establish and maintain a medical registry of persons who think they may have been exposed to contaminants from the AltEn plant.