



October 30, 2023

MR CHAD JOHNSON
LANDUS COOPERATIVE
220 SW 9TH ST
SUITE 300
DES MOINES IA 50309

**Re: Landus Cooperative (3790 500th Street, Rake, IA 50424)
Contaminated Sites Database Site ID No. 1258
2022 Annual Site Monitoring Report**

Dear Mr. Johnson:

The Iowa Department of Natural Resources, Solid Waste and Contaminated Sites Section (DNR) has reviewed the 2023 Annual Site Monitoring Report for Landus Cooperative Company site at 3790 500th Street in Rake, Iowa. Monitoring wells MW1, MW2, MW3R, MW4, MW5, MW6, MW7, MW8, MW9, MW13, and MW14 were sampled on November 3, 2022 and May 8, 2023 during this reporting period. All groundwater samples were analyzed for Ammonia – Nitrogen by EPA Method 350.1 and Nitrate – Nitrite by EPA Method 353.2.

The Nitrate Drinking Water Maximum Contaminant Level (MCL) of 10 mg/L was exceeded at MW1, MW3R, MW5, and MW8 during this reporting period. Additionally, MW6 exceeded the Ammonia Drinking Water Lifetime Health Advisory Level (HAL) of 30 mg/L during this reporting period. Continued semi-annual sampling of all available monitoring wells has been recommended and is accepted. Please continue to provide an updated well survey each year to ensure no additional receptors have been introduced into the area.

Please note that DNR management of this site has been assigned to Jake Bucklin. As the site continues through the Chapter 133 Program, please send all correspondence and submissions to:

Jake Bucklin
Iowa DNR – Solid Waste and Contaminated Sites
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319

The next annual monitoring report is due **July 15, 2024**. Please continue to monitor all available monitoring wells for Ammonia – Nitrogen and Nitrate – Nitrite on a semi-annual basis. Please contact me with any questions at [\(515\) 415-0889](tel:5154150889) or jake.bucklin@dnr.iowa.gov.

Sincerely,

Jake Bucklin
Environmental Specialist
Land Quality Bureau

cc: Gaylen Hiesterman
ATC GROUP SERVICES, LLC
328 LaPorte Road
Waterloo, IA 50702

Michael Sullivan
Iowa DNR
502 E 9th St
Des Moines, IA 50319

Iowa DNR Field Office #2, Mason City