



# ADM Monitoring Well Developments

Update – November 4, 2024

As part of our ongoing well diagnostic efforts related to deep monitoring well VW#2, including early action with the terms of the proposed U.S. EPA Administrative Order on Consent, we conducted an initial Fluid Migration Assessment.

That assessment included a refined modeling analysis with location specific information about subsurface characteristics. Through that process, we learned the following key information about the CO<sub>2</sub> migration through deep monitoring well VW#2:

- The amount of CO<sub>2</sub> migration to the deep Ironton-Galesville formation is estimated to be between 2,670 metric tons and 3,940 metric tons, which is **less than half the earlier estimate**.
- The horizontal CO<sub>2</sub> plume in the Ironton-Galesville formation will **continue to remain close to deep monitoring well VW#2**. The current effective plume radius is approximately 510 feet and will **only extend to approximately 540 feet after 100 years**.
- The **vertical migration of CO<sub>2</sub> in the Ironton-Galesville formation is negligible**. It will continue to remain within the lower half of that formation at a measured depth **below 4,960 feet after 100 years**.
- ADM's deep monitoring well VW#2, which was plugged in 2023, is **the only well within the plume or pressure front associated with the CO<sub>2</sub> plume** in the Ironton-Galesville formation.

We will provide additional updates as we continue to address these developments. More information about ADM's work in Carbon Capture and Storage (CCS) can be found at [www.adm.com/ccs](http://www.adm.com/ccs)

## Our Commitment to Safety and Transparency

We take our commitment to safety and being transparent in reports we submit to the government and in relevant information we share with stakeholders very seriously. We are proud of our long regulatory partnership with U.S. EPA and our CCS-related compliance record. We continue to be confident in the safety, security and effectiveness of CCS as a greenhouse gas mitigation technology and its potential to bring new industries and economic opportunities to the entire state of Illinois.