

# Solventum / 3M Council Update

9 December 2025

# Key Topics

- Water investigation history
- Ongoing monitoring activities
- Interim stormwater treatment
- 2025 work plan progress report

# Water Investigation History

## August 2022

- Water leak in fire suppression water line discovered, reported to the state and repaired

## August 2022-present

- Conducted multiple soil, groundwater, stormwater and surface water PFAS investigations under DANR supervision
- Investigation results submitted in various reports to DANR and city of Brookings

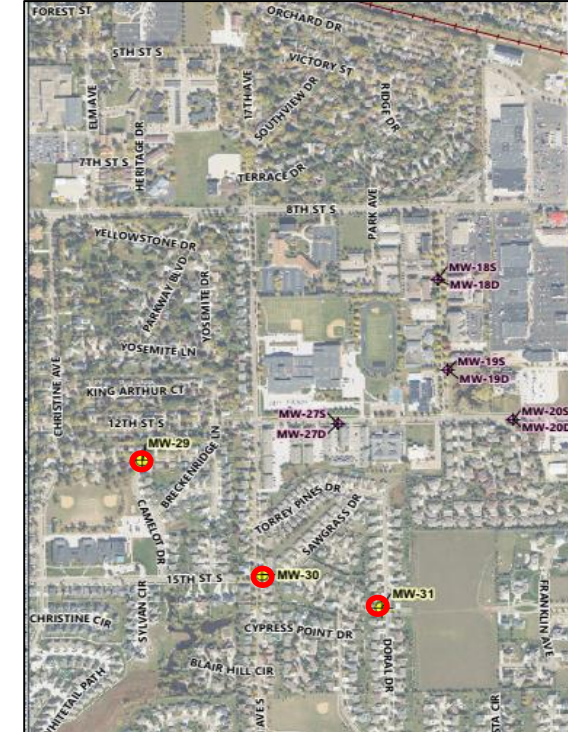
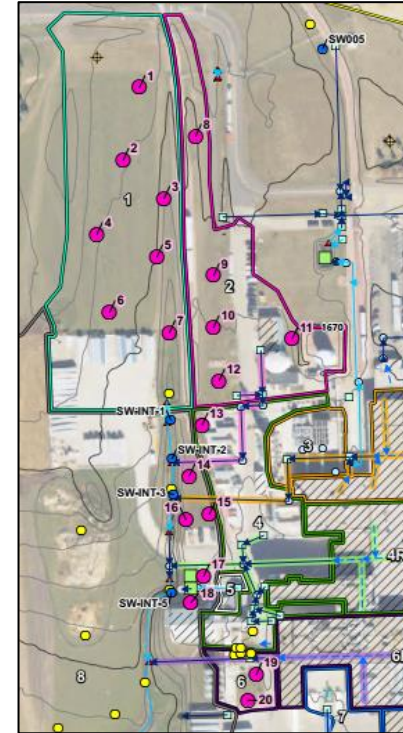
## December 2024-Summer 2025

- Soil removal and installation of interim treatment system for stormwater on the west side of the site
- Offsite monitoring well installation



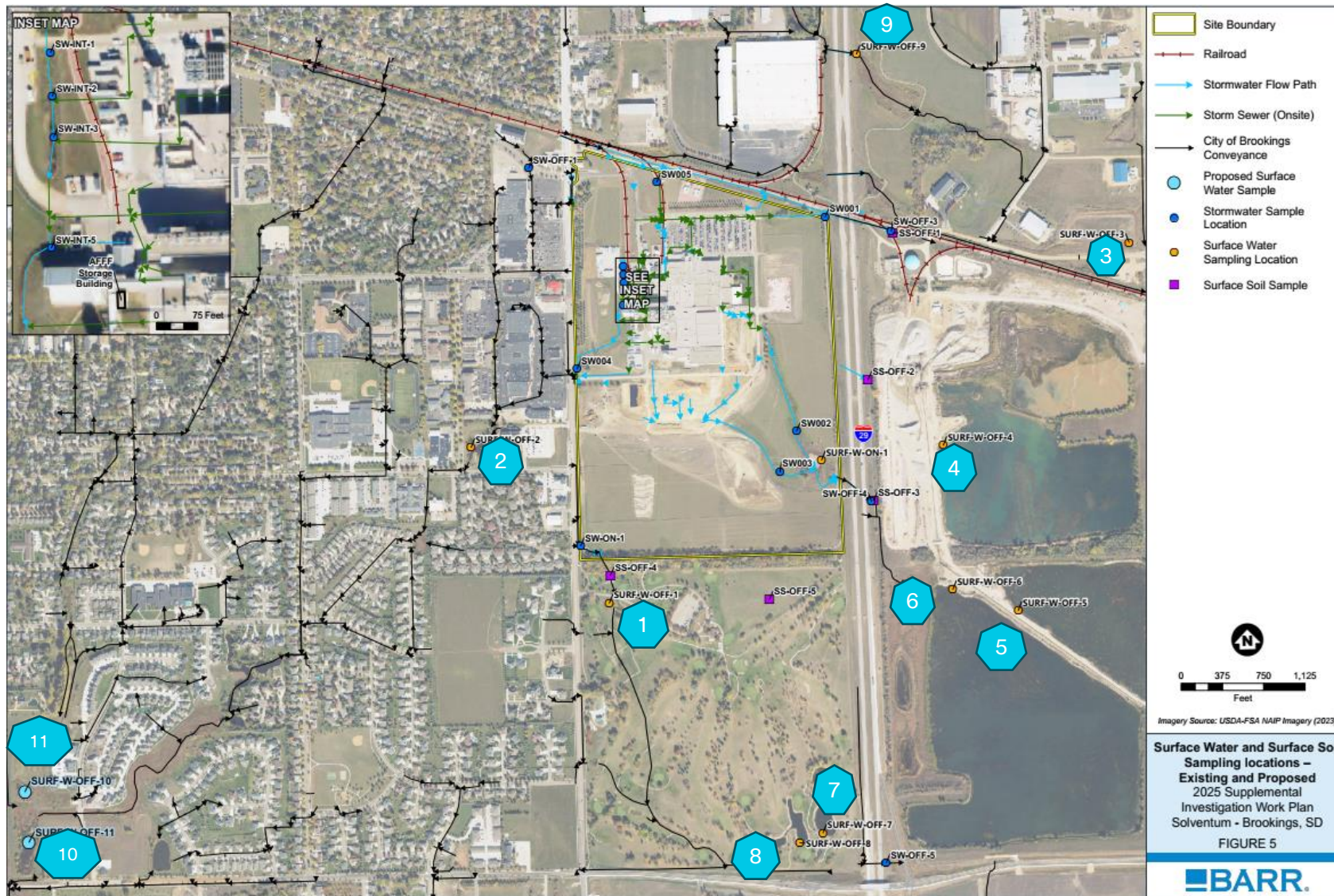
# 2025 Ongoing monitoring– Soil & Groundwater

- Conducted additional soil sampling west and northwest of plant near AFFF storage building and stormwater flow paths (May)
- Established 3 new offsite nested monitoring groundwater wells located southeast of existing wells (August)





# 2025 Ongoing Sampling - Surface water



- Conducted additional surface water sampling (August)
- Numbered circles indicate locations
- 2025 results will be compared to 2024 and available as part of April annual report



# Groundwater sampling (Q1 & Q2)



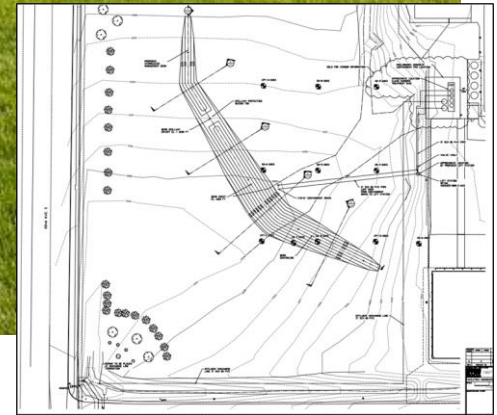
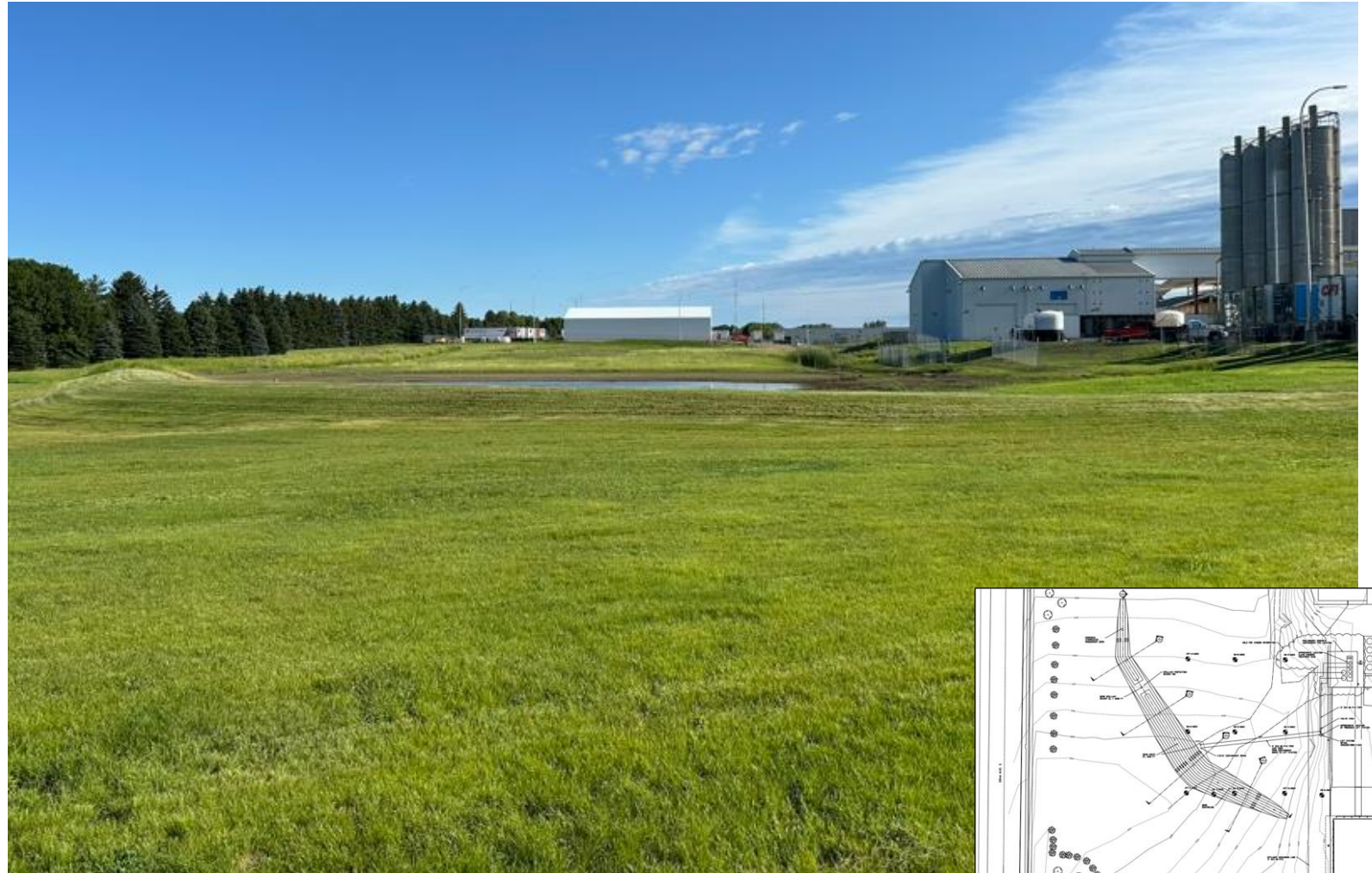
- Groundwater results for 1H 2025 consistent with historical data with no significant changes in groundwater levels
- The highest levels continue to be the mid SW area where the natural direction of water leaves the property (green circle).
- In conjunction with SD DANR we Implemented stormwater collection & treatment in this area that we will discuss in later slides



# New 2025 Interim stormwater collection & treatment

Oct 2024 began construction of a collection pond to improve stormwater and groundwater quality west of the facility

- Removed impacted soils
- Backfilled with clean soil
- A berm or dam was built to hold back rainwater
- Captured stormwater run through PFAS removal system before being released



# Interim stormwater **collection & treatment**

- Treatment system utilizes multimedia filters, bag filters, granulated activated carbon and resin
- Approved by DANR as a Best Management Practices (BMP) for stormwater
- Treated and discharged over 5.5 million gallons of stormwater with >99.9% PFAS removal rate since April 2025
- Improvement to surface water concentrations leaving site





# 2025 Work Plan Progress

- Addition of three new nested wells and quarterly groundwater monitoring from wells to further assess conditions – **completed well installation**
- Develop a focused soil sampling and removal plan for soils around the AFFF storage building – **sampling evaluation**
- Install interim stormwater treatment system – **operational April 2025**
- Further assessment of pumping rates and withdrawal volumes at offsite wells located within one mile of the site – **ongoing**
- Evaluate local subsurface utilities that may affect groundwater flow – **ongoing**
- Submittal (SD DNR, City of Brookings, BMU) of annual groundwater monitoring report to summarize ongoing assessments and monitoring – **due April 2026**