

Dane County Regional Airport

PFAS BRRT #02-13-584369 and # 02-13-584472

January 2024 Progress Report

This document provides a progress report summary of actions taken by Dane County Regional Airport (DCRA) since July 2023 at BRRTS #02-13-584369 and # 02-13-584472.

Starkweather Creek Monitoring

Water samples and flow measurements were collected at six (6) locations on four (4) dates to establish a PFAS baseline after rehabilitation work was done on the storm sewer system. The water samples were tested for PFAS in accordance with the approved Work Plan. A report summarizing the post storm sewer system rehabilitation monitoring is expected to be completed and submitted in February 2024.

Darwin Street Fire Fighting Training Area

A follow-up investigation of the Darwin Site was initiated in April 2023. 23 soil borings were conducted with soil samples collected at approximately three (3) feet below grade and at the groundwater level (5.5 to 16 feet below grade). Four (4) monitoring wells and one (1) piezometer well were also installed and sampled in May and August 2023. Results from this investigation are anticipated to be submitted to WDNR in 2024.

Pilot Scale Biodegradation Study

DCRA is funding a bench scale biodegradation study conducted by ORIN Technologies on soil samples from the Darwin Street Fire Fighting Train Area. The study will be a bench top evaluation of BAM, bioaugmentation, and Organoclay additives for stabilizing the PFAS compounds. A report describing the study results will be submitted to WDNR later 2024.

Wisconsin Air National Guard RI at Truax Field

DCRA has coordinated with the Wisconsin Air National Guard (WI ANG) remedial investigation at Truax Field. The current phase of the remedial investigation includes installing additional monitoring wells and lysimeters to better characterize the extent of PFAS contamination.