



Press Release Info

Madison, Wisconsin
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Summary of Remedial Activities and Results from 6-Months of Monitoring Performed at the Darwin Burn Pit Site Located at the Dane County Regional Airport in Madison, Wisconsin BRRTS# 02-13-583366

ORIN Technologies is a Wisconsin-based environmental company that specializes in tackling complex contamination challenges, with a strong focus on PFAS treatment and in-situ remediation. ORIN is the first in the industry alongside its strategic partner, Fixed Earth Innovations, to identify and demonstrate the utilization of Bioavailable Absorbent Media (BAM) and native, site-specific microbes capable of decomposing perfluoroalkyl substances (PFAS) in a natural degradation process.

ORIN's comprehensive work at the Darwin Burn Pit Site Located at the Dane County Regional Airport in Madison, Wisconsin has demonstrated exceptional success in treating highly concentrated PFAS contamination through this innovative combination of technologies. The following is a summary of the work completed by ORIN Technologies, LLC (ORIN) for the Dane Country Regional Airport (DCRA) at the Darwin Burn Pit site located in Madison, WI.

At the time of this writing, the 6-month sampling period has been completed. Reducing the source area of the contamination was the primary goal for remediation, with the aim of seeing downgradient impacts reduced over the sampling timeframe. With the latest data available, contaminants in center of the source area have seen a 99% reduction in prominent PFAS compounds, including PFOS and PFOA. The immediately downgradient well has seen a significant drop in PFOA at 86% reduction from baseline concentrations. The primary constituents within the source area are all below the enforcement standard set by NR 140 and are slightly above the preventative action limit. Overall, the trend in contaminants is downward. Based on the injection at Truax field in 2021, data has shown to hold PFAS contamination at the reduced state since the monitoring has ended, indicating no rebound in contaminants.