Transitioning Technology Developed for Science into Military Engineering, Environmental, and Civil Works Applications

Cooperative Research and Development Agreement Final Report

CRADA Number: FRA-2016-0055

Fermilab Technical Contact: Charles Cooper

Report Date:
August 17, 2022
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**CRADA number:** FRA-2016-0055

**CRADA Title:** Transitioning Technology Developed for Science into Military Engineering, Environmental, and Civil Works Applications

**Parties to the Agreement:** United States Army Engineer Research and Development Center and Fermi Research Alliance, LLC

**Sponsoring DOE Program Office(s):** Office of Science

**DOE Funding Commitment Table:**

In-kind contribution of up to $30k per year for 5 years.
Used on the order of $10k total

**Abstract of CRADA work:**

The purpose of this CRADA is to provide for the joint conduct of research and development investigations related to Transitioning Technology Developed for Science into Military Engineering, Environmental, and Civil Works Applications.

**Summary of Research Results:**

Examined the removal efficiency of PFAS via e-beam with different additives. Demonstrated that with the addition of sodium hydroxide and 200 kGy of e-beam exposure 99.6% of 20 ppb PFOS was destroyed.

**Related Reports, Publications, and Presentations:**

None

**Subject Inventions listing:**

None

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