

USACE McCormick & Baxter Superfund Site, Seattle , WA

Professional Services Completed	Data Validation, Automated Data Review, and Data Quality Assessment
Project Completed Date	12/09

PROJECT DESCRIPTION

- Provide data validation services to assess and assure quality of the data used for a Superfund groundwater monitoring program. Additionally, the LDC USACE automated data review software tool was used to streamline the process and reduce costs.



"Data Quality is the foundation of cost effective decision making" – Richard Amano, LDC

Scope of Work.

For the McCormick & Baxter Monitoring Program, LDC performed data validation and automated review using LDC's Automated Data Review (ADR) software tool per EPA and USACE level "3" and "4" guidelines for various matrices and methods including volatiles, semivolatiles, pesticides, PCBs, dioxins, heavy metals, explosives, TPH-gas, TPH-diesel, and wet chemical parameters.

Key Challenges and Solutions

Challenge: The monitoring program required analytical methods with very low detection limits and clean method blanks.

Solution: LDC staff used the automated data review software (ADR) and process to identify all outliers and reduce the costs for the process.