

Superfund Remedial Program

Data Management Intern position

This project will help Region 8 more effectively implement its oversight role at the Ellsworth Air Force Base (AFB) National Priorities List site. The intern will work with the Regional project manager to better manage data submitted by the Air Force in various documents and deliverables to facilitate data handling, review, and evaluation. Under direction of the project manager, the efforts will require coordination with members of the site team which may include the Air Force or their contractors, the State, and EPA technical support personnel. Activities can include reviewing documents and compiling information, working with spreadsheet and data base software, means of presenting and analyzing the data, and gather and test best management practices suited to the project.

Background: Ellsworth AFB is an NPL site which is in the operation and maintenance (O&M) phase has large amounts of groundwater data. The Air Force internal requirements are to use their internal data base (i.e., ERPIMS). The Air Force allows direct access, but it is not user-friendly. Deliverable timeliness and quality has been an issue. The Air Force is also interested in making changes that will be more useful to themselves and the regulatory agencies.

Currently, the Air Force does not always present data in a manner that makes it easy to interpret and support conclusions of the documents. This includes both long term monitoring (LTM) data and in-situ reductive treatment (IRT) parameters (a type of bioremediation). A general goal of the effort is to facilitate the timeliness and quality of documents. Short term trends for IRT can be significant when rebound occurs or in-situ treatment stalls, and may signal the need for additional treatment. Identifying clusters of rising concentrations is another goal of the effort. Ideally, this intern would have strong presentation skills and some information technology background.

Contact:

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