

FUDSChem

Formerly Used Defense Site Chemistry
Database

Brian Jordan

With the assistance of Deb Walker

USACE-Albuquerque District

31 March 2011



Report Documentation Page

Form Approved
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE 31 MAR 2011	2. REPORT TYPE	3. DATES COVERED 00-00-2011 to 00-00-2011			
4. TITLE AND SUBTITLE FUDSChem Formerly Used Defense Site Chemistry Database		5a. CONTRACT NUMBER			
		5b. GRANT NUMBER			
		5c. PROGRAM ELEMENT NUMBER			
6. AUTHOR(S)		5d. PROJECT NUMBER			
		5e. TASK NUMBER			
		5f. WORK UNIT NUMBER			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) U.S. Army Corps of Engineers,Albuquerque District ,4101 Jefferson Plaza NE,Albuquerque,NM,87109		8. PERFORMING ORGANIZATION REPORT NUMBER			
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)		10. SPONSOR/MONITOR'S ACRONYM(S)			
		11. SPONSOR/MONITOR'S REPORT NUMBER(S)			
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Presented at the 2011 DoD Environmental Monitoring & Data Quality Workshop (EMDQ 2011), 28 Mar ? 1 Apr, Arlington, VA.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 8	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

Outline

- FUDS Overview
- FUDSChem Objectives
- FUDSChem Basics
- Future Developments



FUDS Overview

- FUDS Program established in 1986
- Over 5000 total projects in the program
- Four types of Projects:
 - Building Demolition/Debris Removal
 - HTRW
 - MMRP
 - Containerized HTRW
- Analytical data supports many closure decisions in the program
- SEDD deliverables required as part of the FUDS Engineering Regulation (2004)



FUDSChem Objectives

- Provide a data repository for FUDS Analytical data linked to a FUDS project
- Institute and document the EPA data review protocol for data submitted to FUDSChem
- Maintain the integrity of the SEDD deliverable within the repository
- Provide a link for analytical data to spatial data for the FUDS program



FUDSChem Basics

- Developed under the implementation of SEDD 5.2 (Standard Values)
- Import of reviewed files with appropriate EPA data review labeling
- Maintain the integrity of the SEDD deliverable within the repository
- System available 24/7 via .Net web application



FUDSChem Basics

- Custom Query Engine to access data
 - Create, edit and save customized data queries
 - Wizard design provides for a user friendly environment
 - Results displayed in fully-customizable tabular format
 - Export results as Excel, XML for offline use and linkage to other data systems
- Reporting Engine
 - Utilize predesigned reports for common tasks
 - Build your own report with the customizable report design tool
 - Print or save reports as PDF



Future Developments

- Establish Comprehensive Project Delivery Team
 - Individuals from multiple FUDS districts
 - Interested in electronic data management
- Include additional import routines for archived project data
 - System designed to institute the Standard Values
 - SEDD 4.0, 5.0 import routines
 - Excel standardized form for data entry of historic data
- Linkage to FUDSMIS for upward reporting
- Mass upload of MMRP SI analytical data
Summer 2011



Questions?

Brian Jordan
USACE – Albuquerque
505-506-2189
Brian.d.jordan@usace.army.mil

