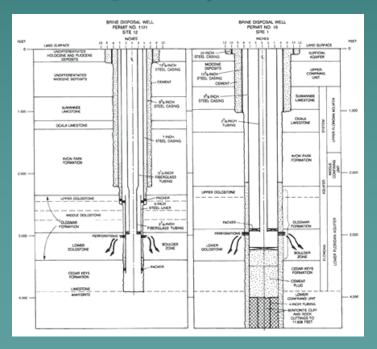
Underground Injection Control Data Flow Progress

John Hall, UIC Coordinator New Mexico Environment Department

(505) 827-1049 John.hall@state.nm.us

UIC Program in New Mexico

Split between the Oil Conservation
 Division of Energy, Minerals, and Natural
 Resources Dept. and the Ground Water
 Quality Bureau of the Environment Dept.





Pollution Prevention Section of the Ground Water Quality Bureau

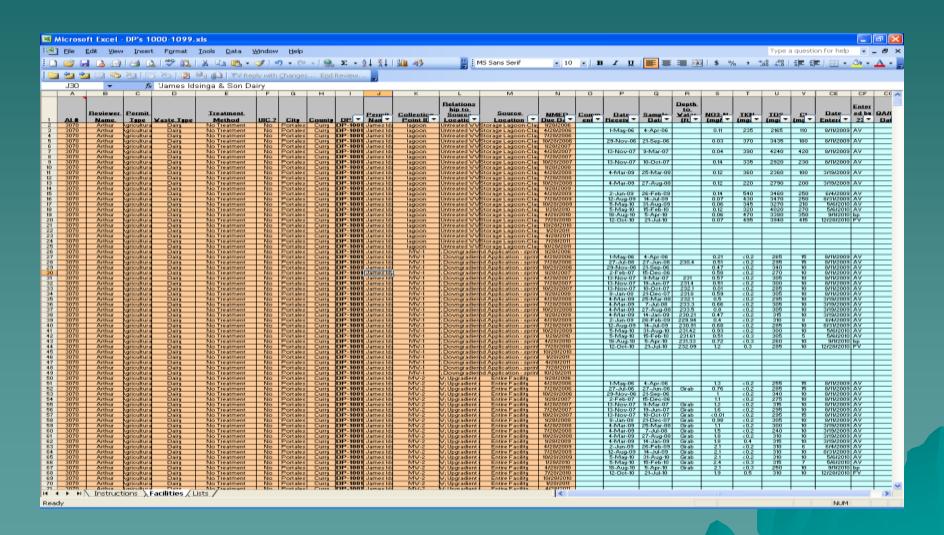
 Regulates UIC and Non-UIC discharges that could impact ground water quality



Current Data Management System

- IDEA database
- UIC spreadsheet
- Monitoring spreadsheets
- Paper files

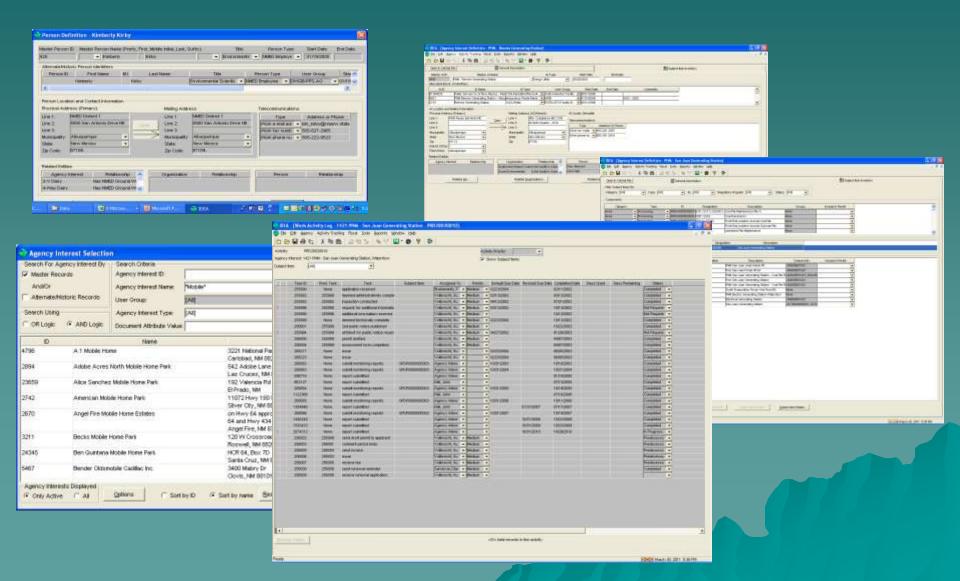
Monitoring Spreadsheet



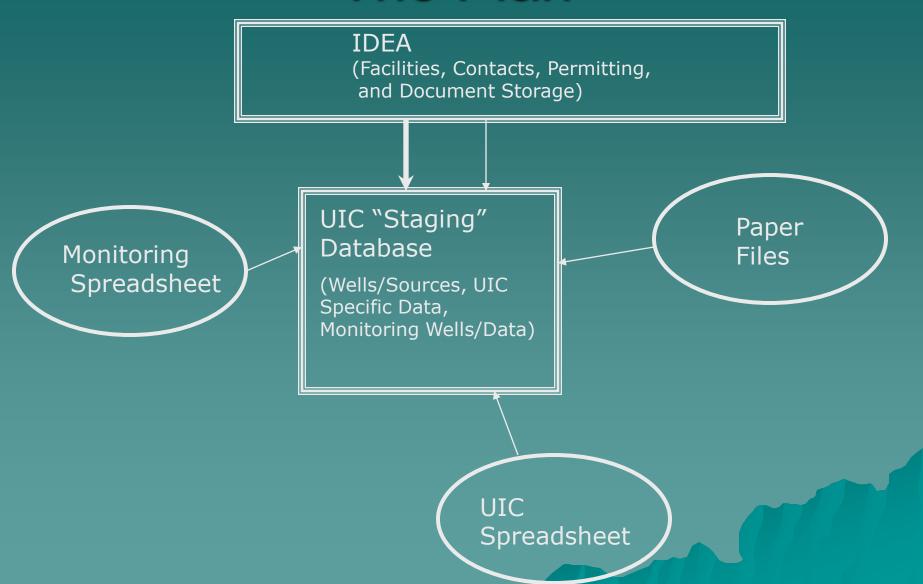
UIC Spreadsheet

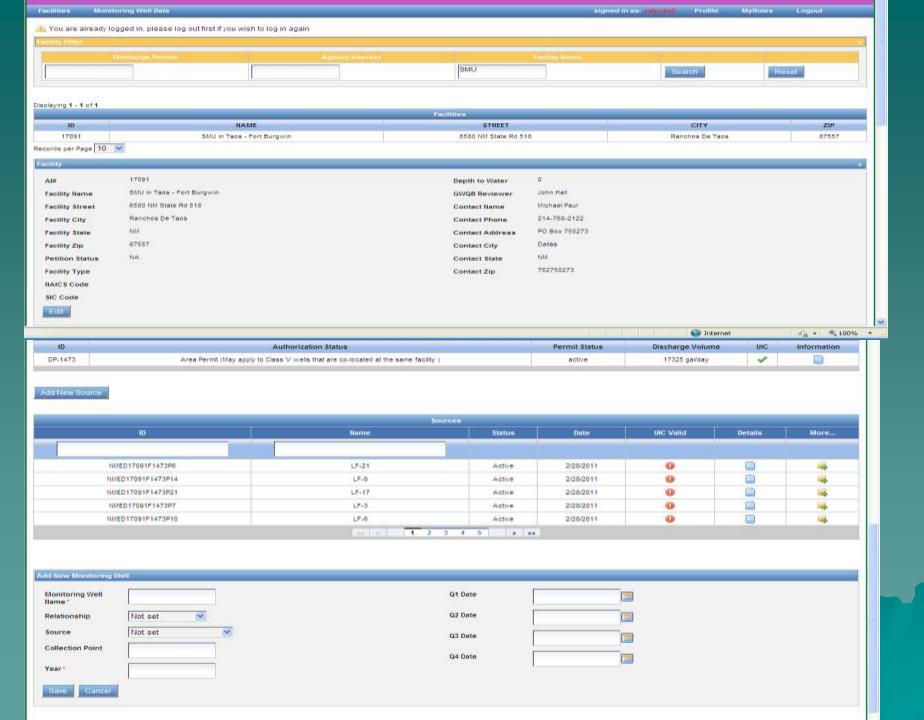
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309	12461		Siete del Harte Embud: Maripara Water Reslan		10/7/2010 4/5/2010	STLF	v				,	Existin	to the City of Elephant Butte. Ho PiWe for leachfielde. Broken pipe to Lagoon, Wetwell leaking!												Figs to use laquor is broken. Munituring use installed.	"	
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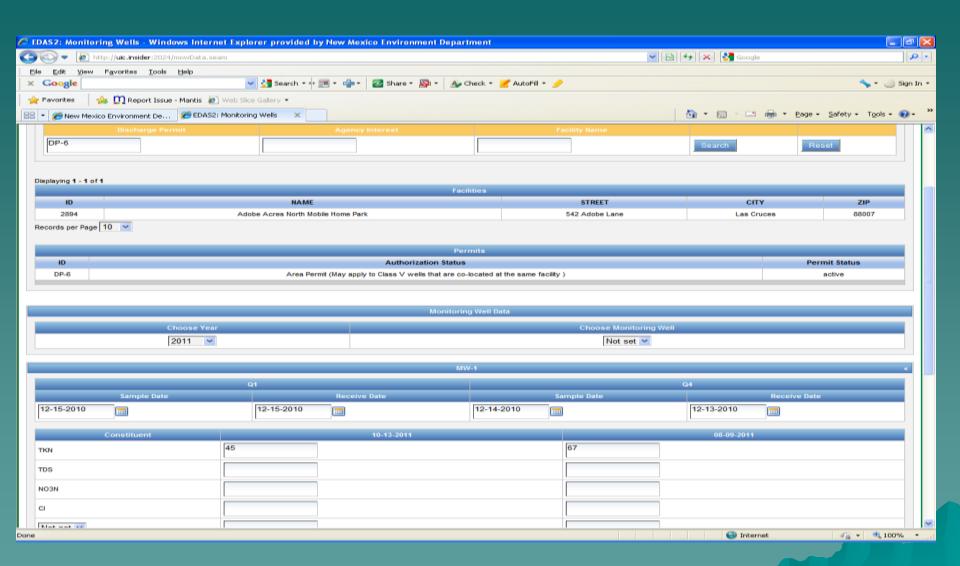
IDEA Database



The Plan







Integration of UIC and Non-UIC Data

- Eliminates monitoring spreadsheets
- Eliminates similar (but more complex) data entry processes (e.g., inspections and compliance/enforcement) in IDEA for non-UIC facilities/sources
- Simplifies reporting (e.g., legislature) of combined UIC and non-UIC facilities

Program/IT Cooperation

- Grant is provided to IT, but UIC program remains the customer (product must work for Program)
 - "Required Data" (R1) is not all that is required for PAMS and 7520 summary reporting
 - Must integrate UIC and non-UIC data that overlap for programs that have both
 - Not cost-free to UIC program--staff resources
 - IT may have to motivate program

Data QA/QC process

- Developer does physical mapping and follows business rules and data definitions
- UIC staff tests developed product by entering data in accordance with, and in violation of, business rules and data definitions
- UIC staff and developer adjust/tweak data to be migrated from spreadsheets and linked from TEMPO
- Some data may be tweaked in conversion from staging database to XML
- Get other Program staff to test the database to ensure that it meet their needs
- Submit data to EPA validation process