

PROJECT FACT SHEET

CONTRACT TITLE: Injection Wells/Waste Disposal

ID NUMBER: DE-FG22-95BC14828

CONTRACTOR: Ground Water Protection Council

B & R CODE: AC1020000

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DOE PROGRAM MANAGER:

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DOE PROJECT MANAGER:

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CONTRACT PERFORMANCE PERIOD:

09/28/1995 to 02/27/1998

PROJECT SITE

CITY: Oklahoma City

STATE: OK

CITY:

STATE:

PROGRAM: Processing & Downstream

CITY:

STATE:

RESEARCH AREA:

FUNDING (\$1000'S)	DOE	CONTRACTOR	TOTAL
PRIOR FISCAL YRS	150	0	150
FISCAL YR 1998	0	0	0
FUTURE FUNDS	0	0	0
TOTAL EST'D FUNDS	150	0	150

OBJECTIVE: Delineate the most cost effective possibilities, some of which may require modifications to existing underground injection control regulations at the federal level.

PROJECT DESCRIPTION:

Work to be performed: Task 1: Characterize the Various Wastes that are Produced at a Sample of Refineries. The refining industry, as well as USEPA, has been actively attempting to characterize these wastes. This will allow the use of existing records that have been accepted by both parties. Task 2: Correlate Waste Types with the Current Disposal Mechanisms and Desired Disposal Mechanisms. This will require discussion with selected refineries most interested in utilizing underground injection to thoroughly assess and analyze waste characterization and disposal mechanisms. The characteristics of these wastes will then need to be compared to waste characteristics common to Class II injection wells. Subsequently, waste characterization data for Class II injection wells will be required if a case is to be made for changing underground injection operations at refineries. Task 3: Assess Disposal Options. This task will involve a study of the feasibility of using Class I injection wells (hazardous vs non-hazardous), Class II injection wells, modifying regulations for the development of a new well class or modifying existing well classification restrictions. The objective of this effort will be to delineate the most cost effective possibilities, some of which may require modifications to existing underground injection control regulations at the federal level.

PROJECT DESCRIPTION (Continued)**Background:****PROJECT STATUS:**

Current Work: Members of the project team are in contact with various refineries across the country in an effort to determine the feasibility of using injection wells as a means of waste disposal. Several site visits have been scheduled.

Scheduled Milestones:

Preliminary study was completed and purpose of project and statement of problem were delineated

03/96

Final report to be completed

12/97

Accomplishments: