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OCT 29 1999

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0043-99

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

PERMANENT LEACHATE TRANSMISSION SYSTEM

The Fluor Daniel Fernald, Inc. (FDF) engineers along with GeoSyntec Consultants, the design engineer, began working on the new enhanced permanent Leachate Transmission System (LTS) conceptual design in July, with highlights of the conceptual design presented to the U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA) on September 2, 1999. Based on positive input received at that meeting, the conceptual design was finalized on September 16, 1999, (the conceptual design package will be issued in late October) and detail design efforts were initiated on September 21, 1999.

The LTS detailed Certified for Construction (CFC) package is expected to be completed in February 2000. In order to accomplish this accelerated schedule, only the 90% design package will be submitted for formal review. The 90% design submittal is scheduled to be submitted to FDF, Department of Energy (DOE), U.S.EPA and OEPA reviewers on December 30, 1999. The 90% package will be transmitted to the U.S. EPA and OEPA as a Design Change Notice (DCN). To facilitate the schedule, comments from reviewers would be needed by January 21, 2000. Comments would then be resolved and incorporated into the final CFC Package.

Construction Planning has already been initiated with the development of a construction schedule, preliminary construction estimate, and subcontract procurement planning. The construction schedule developed meets two operational milestones: 1) a December 31, 2000, milestone for the complete installation and turnover to operations of the permanent

LTS system for Cell 1 through Cell 5, with a tie-in into the interim LTS pipe until total construction is complete, and 2) a December 31, 2001, milestone for the remainder of the system (Cell 6 to the Permanent Lift Station (PLS)). The first milestone will be achieved by working accelerated construction (minimum five-ten hour days) and includes Start-up Testing and a Standard Startup Review (SSR) prior to turnover to operations. The remainder of the construction will follow immediately after and also includes Start-up Testing and a SSR prior to final turnover.

The following assumptions were made in the development of the schedule: 1) no significant weather delays, 2) Cells 8 and 9 manholes are not required, 3) modification of the existing On-Site Disposal Facility (OSDF) Sedimentation Basin is completed by July 2000, 4) the corridor between Cell 7 and the PLS will be certified prior to the construction field work, 5) Fiscal Year (FY) 2000 funding is available to award the construction subcontract in March 2000, and 6) the existing manholes at Cells 1, 2, and 3 along with the interconnecting piping and flotation slabs are abandoned in-place.

If you have any questions on the LTS path-forward, please contact Robert Janke at (513) 648-3124 or Jay Jalovec at (513) 648-3122.

Sincerely,

Johnny Reising

FEMP:Jalovec

Johnny W. Reising
Fernald Remedial Action
Project Manager

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