



Department of Energy
Ohio Field Office
Fernald Area Office
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DOE-0211-99

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

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

Dear Mr. Saric and Mr. Schneider:

CELL 2 CONSTRUCTION CERTIFICATION

Enclosed is the Interim Construction Certification Letter prepared by GeoSyntec Consultants for Cell 2 of the On-Site Disposal Facility (OSDF). Cell 2 was ready to accept waste as of November 11, 1998. As you are aware, waste placement was initiated on November 12, 1998.

The Final Certification Report will be submitted upon its completion in December 1998. If you have any questions, please contact Jay Jalovec at (513) 648-3122.

Sincerely,


Johnny W. Reising

Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Jalovec

Enclosure

Mr. James A. Saric
Mr. Tom Schneider

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cc w/enclosure:

G. Jablonowski, USEPA-V, SRF-5J
R. Beaumier, TPSS/DERR, OEPA-Columbus
T. Schneider, OEPA-Dayton (3 copies total of enc.)
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
F. Barker, Tetra Tech
AR Coordinator, FDF/78

cc w/o enclosure:

N. Hallein, EM-42/CLOV
J. Reising, OH/FEMP
A. Tanner, OH/FEMP
D. Carr, FDF/52-2
T. Hagen, FDF/65-2
J. Harmon, FDF/90
R. Heck, FDF/2
M. Hickey, FDF/64
S. Hinnefeld, FDF/90
U. Kumthekar, FDF/64
T. Walsh, FDF/65-2
B. Zebick, FDF/64
EDC, FDF/52-7

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Mr. Michael J. Hickey
Fluor Daniel Fernald
MS: 64
P.O. Box 538704
Cincinnati, Ohio 45253-8704

Subject: Interim Construction Certification
On-Site Disposal Facility (OSDF) Cell 2, Phase II
Subcontract No. 95PS005028

Dear Mr. Hickey:

The purpose of this letter is to certify that the construction quality assurance and quality control (CQA and CQC) activities performed by GeoSyntec Consultants during construction of the On-Site Disposal Facility (OSDF), Cell 2 is substantially complete.

CQC personnel have monitored, tested and documented placement of soil and geosynthetic components to include cell subgrade, compacted clay liner, granular leachate collection and detection layers, geosynthetic clay liner, geomembrane liners, and geotextile cushions and filters. Field reports, logs, geotechnical and geosynthetic testing reports and other associated documentation have been reviewed for accuracy and completeness. A final certification report will be submitted in December 1998.

Based on our observations and documentation, the OSDF Cell 2 construction has been completed in accordance with the project specifications, drawings, CQA Plan and approved changes. The construction has been in full compliance with applicable or relevant and appropriate requirements (ARARs), functional requirements and general design requirements described in the Design Criteria Package developed and approved during the design process. On the basis of our observations and testing it is anticipated that Cell 2 of the OSDF will be ready to receive impacted material meeting the OSDF waste acceptance criteria (WAC) on 11 November 1998. In addition, the Leachate Conveyance System (LCS) will also be ready to handle leachate from Cell 2 as well as Cell 1.

It is anticipated that this letter will satisfy Department of Energy and Environmental Protection Agency (both US and Ohio) requirements. If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,
Daniel Bodine

Daniel G. Bodine, P.E.
Managing Engineer
Ohio P.E. No. E-61363

Copy to: Jay Beech, GeoSyntec
Dave Phillips, GeoSyntec

Corporate Office: GQ0409-02.1/MJH-Cert18NOV98
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