



Department of Energy

Ohio Field Office  
Fernald Closure Project  
175 Tri-County Parkway  
Springdale, Ohio 45246  
(513) 648-3155

MAR 22 2006

2-203.92

006138



Mr. James A. Saric, Remedial Project Manager  
United States Environmental Protection Agency  
Region V, SR-6J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

DOE-0092-06

Mr. Tom Schneider, Project Manager  
Ohio Environmental Protection Agency  
Southwest District Office  
401 East 5<sup>th</sup> Street  
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

**TRANSMITTAL OF DESIGN CHANGE NOTICE 20105-008 FOR ON-SITE DISPOSAL FACILITY PHASE V CELL 8 EXPANSION DESIGN DRAWINGS**

- References:
- 1) Memorandum, D. Phillips/J. Beech (GeoSyntec) to J. Chiou (Fluor Fernald), "On-Site Disposal Facility Engineering Evaluation of Proposed Change in Side Slopes and Crest Slope of Cell 8 of the OSDF Final Cover System," dated February 15, 2006
  - 2) Email, T. Schneider (OEPA) to J. Reising (DOE)/J. Chiou (Fluor Fernald), "OSDF Change," dated February 22, 2006
  - 3) Email, J. Saric (U.S. EPA) to J. Chiou (Fluor Fernald), "OSDF Cell 8 DCN," dated February 28, 2006

Enclosed for your approval is Design Change Notice (DCN) 20105-008 for On-Site Disposal Facility Phase V Cell 8 Expansion Design Drawings. This DCN package includes expanded information from the February 15, 2006 GeoSyntec Consultants Memorandum (Reference 1), which has been approved by both the U.S. Environmental Protection Agency and Ohio Environmental Protection Agency per References 2 and 3.

Mr. James A. Saric  
Mr. Tom Schneider

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DOE-0092-06

If you have any questions regarding this transmittal, please contact me at (513) 648-3139.

Sincerely,

  
Johnny W. Reising

Enclosure

cc w/enclosures:

J. Reising, OH/FCP

G. Jablonowski, USEPA-V, SR-6J

M. Cullerton, Tetra Tech

M. Shupe, HSI GeoTrans

AR Coordinator, Fluor Fernald, Inc./MS6

cc w/o enclosures:

R. Vandegrift, ODH

J. Chiou, Fluor Fernald, Inc./MS88

F. Johnston, Fluor Fernald, Inc./MS12

C. Murphy, Fluor Fernald, Inc./MS1

**REQUEST FOR CLARIFICATION/DESIGN CHANGE NOTICE**

006138

**CHANGE OR CLARIFICATION REQUEST SECTION**

PROJECT NUMBER: 20105	SUBCONTRACT NO: FSC-653	DATE: 3/20/2006	PAGE 1 OF 2
SUBCONTRACT OR PROJECT TITLE: On-Site Disposal Facility (OSDF) Phase V Construction			RCI NO:
RCI/DCN TITLE: Cell 8 Expansion Construction Drawings			DCN No: 20105-008

DESCRIPTION OF REQUESTED CLARIFICATION or PROPOSED CHANGE or CHANGE TO BE ADDRESSED:  
 The Phase V Construction Drawings have been revised to reflect proposed changes for the expansion of Cell 8. Cell 8 sideslopes for the select impacted layer, contouring layer, clay cap, GCL/GML/Geotextile, cover drainage layer / bottom of biointrusion layer are revised from 6H:1V to 5.3H:1V and the Cell 8 top elevation is raised to allow additional airspace for the placement of the increased impacted material volume. The final cover system sideslopes remain at a 6H:1V and are strengthened with additional Biointrusion barrier material at the toe.

DOCUMENTS AFFECTED	DOCUMENT NUMBER	REVISION
<b>New Drawings:</b>		
OSDF Phase V Construction Drawing G-6B	90X-6000-G-00428	0 (A)
OSDF Phase V Construction Drawing G-13B	90X-6000-G-00429	0 (A)
OSDF Phase V Construction Drawing G-26A	90X-6000-G-00430	0 (A)
<b>Revised Drawings:</b>		
OSDF Phase V Construction Drawing X-1	90X-6000-X-00360	3 (3A)
OSDF Phase V Construction Drawing G-2A	90X-6000-G-00413	2 (2A)
OSDF Phase V Construction Drawing G-6	90X-6000-G-00368	2 (2A)
OSDF Phase V Construction Drawing G-6A	90X-6000-G-00414	2 (2A)
OSDF Phase V Construction Drawing G-11	90X-6000-G-00373	3 (3A)
OSDF Phase V Construction Drawing G-11A	90X-6000-G-00427	1 (1A)
OSDF Phase V Construction Drawing G-13	90X-6000-G-00375	2 (2A)
OSDF Phase V Construction Drawing G-13A	90X-6000-G-00416	2 (2A)
OSDF Phase V Construction Drawing G-15	90X-6000-G-00377	2 (2A)
OSDF Phase V Construction Drawing G-15A	90X-6000-G-00417	2 (2A)
OSDF Phase V Construction Drawing G-16	90X-6000-G-00378	3 (3A)
OSDF Phase V Construction Drawing G-20A	90X-6000-G-00419	2 (2A)
OSDF Phase V Construction Drawing G-23A	90X-6000-G-00420	2 (2A)
OSDF Phase V Construction Drawing G-25	90X-6000-G-00387	2 (2A)
OSDF Phase V Construction Drawing G-26	90X-6000-G-00388	2 (2A)
OSDF Phase V Construction Drawing G-27	90X-6000-G-00389	2 (2A)
OSDF Phase V Construction Drawing G-28	90X-6000-G-00390	2 (2A)
OSDF Phase V Construction Drawing G-35	90X-6000-G-00397	2 (2A)
OSDF Phase V Construction Drawing G-36	90X-6000-G-00398	2 (2A)
OSDF Phase V Construction Drawing G-37	90X-6000-G-00399	2 (2A)
OSDF Phase V Construction Drawing G-38	90X-6000-G-00400	2 (2A)

FLUOR FERNALD REQUESTOR (PRINT/SIGN) Chuck Van Arsdale <i>Chuck Van Arsdale</i> 3/20/06	DATE: 03/20/06
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**DESIGN REVIEW SECTION**

<input type="checkbox"/> RCI	REQUESTOR PROPOSED CHANGE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	SBDR NO:	PERFORMANCE GRADE: 4	SRC/ENGINEERING REVIEW REVIEW MADE FOR PG 1, 2 or 3:
<input checked="" type="checkbox"/> DCN	<input type="checkbox"/> NO	USQD NO:	QUALITY LEVEL: 4	<input type="checkbox"/> Y <input type="checkbox"/> XN/A

DESIGN ORGANIZATION EVALUATION, SOLUTION OR COMMENTS;  REQUESTOR PROPOSED CHANGE ACCEPTED;  REQUESTOR PROPOSED CHANGE ACCEPTED WITH MODIFICATIONS BELOW;  DESIGN ORGANIZATION CHANGE PROVIDED BELOW,  CHANGE REJECTED WITH JUSTIFICATION BELOW;  RCI CLARIFICATION ADDRESSED BELOW

The attached drawings will replace the existing revisions of Phase V OSDF Construction Drawings.

ADDITIONAL DOCUMENTS AFFECTED OR ADDED		
DOCUMENT TITLE	DOCUMENT NUMBER	REVISION
<b>APPROVAL SECTION</b>		
DESIGN ORGANIZATION APPROVAL OF CLARIFICATION OR CHANGE AND VERIFICATION THAT ED-12-5002 REQUIREMENTS MET		PE CONCURRENCE (Not Required if none assigned or for Requestor Proposed Change)
NAME (PRINTED/SIGNED)	DATE	NAME (PRINTED/SIGNED)      DATE
James Fleck <i>[Signature]</i>	3/20/06	Uday Kumthekar <i>[Signature]</i> 3/20/06
REQUESTOR CONCURRENCE		CHANGE COMPLETED
NAME (PRINTED/SIGNED)	DATE	NAME (PRINTED/SIGNED)      DATE
Chuck Van Arsdale <i>[Signature]</i>	3/20/06	

FS-F-4259  
 Rev. 7, 09/08/03, ED-12-5002