



March 3, 2010

Paul C. Lucas
Program Analyst, EM Consolidated Business Center
U. S. Department of Energy
250 East 5th Street, Suite 500
Cincinnati, OH 45202

SUBJECT: POTENTIAL RELEASE SITE (PRS) PACKAGE 7 ADDENDUM 1, FINAL, FEBRUARY 2010

Dear Mr. Lucas:

Enclosed is a copy of the signed copy of the Potential Release Site (PRS) 7 Package Addendum 1. ARC will transmit the signed copies of the Addendum to the recipients of the PRS 7 Removal Action Closeout Report, Rev. 1, January 2009. If you have any questions, please contact Dennis Dalga at 937-865-3734.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dennis Dalga', is written over a horizontal line.

Dennis Dalga, Project Manager
Accelerated Remediation Company

cc: Ted Christensen, ARC
John Cox, ARC
Joe Crombie, ODH
Timothy Fisher, USEPA (2 copies)
Derrick Franklin, DOE
Brian Nickel, Ohio EPA (3 Copies)
DOE Records (3 Copies)

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MIAMISBURG CLOSURE PROJECT
POTENTIAL RELEASE SITE PACKAGE

PRS 7

ADDENDUM 1

FINAL

FEBRUARY 2010

ADDENDUM 1 TO PRS 7 PACKAGE

**MIAMISBURG CLOSURE PROJECT
PRS 7****RECOMMENDATION:**

The Potential Release Site (PRS) 7 is defined to include the wastewater pipeline segments from the former WD and SD Buildings traversing to the west and discharging at the Great Miami River. Also included is the connector segment to the former wastewater treatment plant (WWTP). This PRS 7 Addendum, consistent with the Parcels 6, 7, and 8 Record of Decision 2009, documents completion of the removal of PRS 7 east and west sanitary sewer lines along with the removal of manholes A-5 and A-9 associated with the Department of Energy (DOE) Miamisburg Closure Project (MCP) under the Work Plan for Environmental Restoration of the DOE Mound Site, The Mound 2000 Approach, February 1999. The lines and manholes were removed according to the instructions provided in the PRS 7 Work Package (Revision 3 dated May 19, 2008) which is included as Appendix A in the PRS 7 Removal Action Closeout Report Dated January 2009. Manholes A-5 and A-9 were removed along with the sanitary sewer line traversing from manhole B-3 upgradient to a point approximately 10 feet east of the property line and from manhole B-1 westward to the outfall line at the Great Miami River (see attached figure).

All the off-property lines were removed and disposed of as low-level radioactive waste (with two exceptions discussed below) along with any excavated soil that did not meet the radiological cleanup objective criteria (1×10^{-5} residential risk plus background comparison values). The residential comparison values have been met for the off-site excavation activities (PRS 7 Removal Action Closeout Report dated January 2009, Appendix F Radiologic Data Report, January 2009). An iron pipe section remains beneath old U.S. Highway 25. The slip line inside the iron pipe was removed. However, the iron pipe was left in-place to maintain the roadbed integrity. The iron pipe was surveyed and sampled for radiological contamination. No radiological contaminants were detected above the DOE free-release levels presented in Appendix A, PRS 7 Work Package Table 1, Surface Contamination Guidelines. The iron pipe was pressure grouted with cement for its entire length and left in-place. A second section of the PRS 7 pipeline from B-1 extending under the railroad back onto the property continues to carry sanitary waste water from the property to the city waste water treatment plant. Radiological contaminants in manholes B-1 and B-3 identified during an earlier survey were removed under a separate effort to meet DOE free-release levels (Solvent Technologies, LLC Decontamination of Manholes B-1 & B-3 Resurvey Report, September 2007).

The original scope of work for PRS 7 also included the decontamination and demolition (D&D) of the Sanitary Sewer Package Plant. The PRS 7 Work Package did include some of the proposed D&D activities for the plant. However, the D&D activities outlined in the work plan were not performed as part of this removal action. A separate work activity is responsible for the dismantlement of the Sanitary Package Plant.

This removal action was successfully completed and resulted in the excavation and disposal of approximately 78, 831 ft³ of radiological contaminated soil at the EnergySolutions Facility in Clive, UT. DOE performed post removal verification sampling under OEPA and USEPA oversight. The final verification sample results for all radiological contaminants of concern indicate that PRS 7 meets the residential cleanup objectives for this potential release site. After the pipe and contaminated soil was removed and verified, all disturbed areas were backfilled, graded and seeded.

For more information and data regarding the manhole and off property PRS 7 effluent pipe removal and clean up, see the PRS 7 Removal Action Closeout Report dated January 2009.

After a thorough review of the above referenced information and verification sample data, the Core Team agrees that the removal action associated with PRS 7 meets the residential cleanup objectives and recommends NO FURTHER ASSESSMENT (NFA).

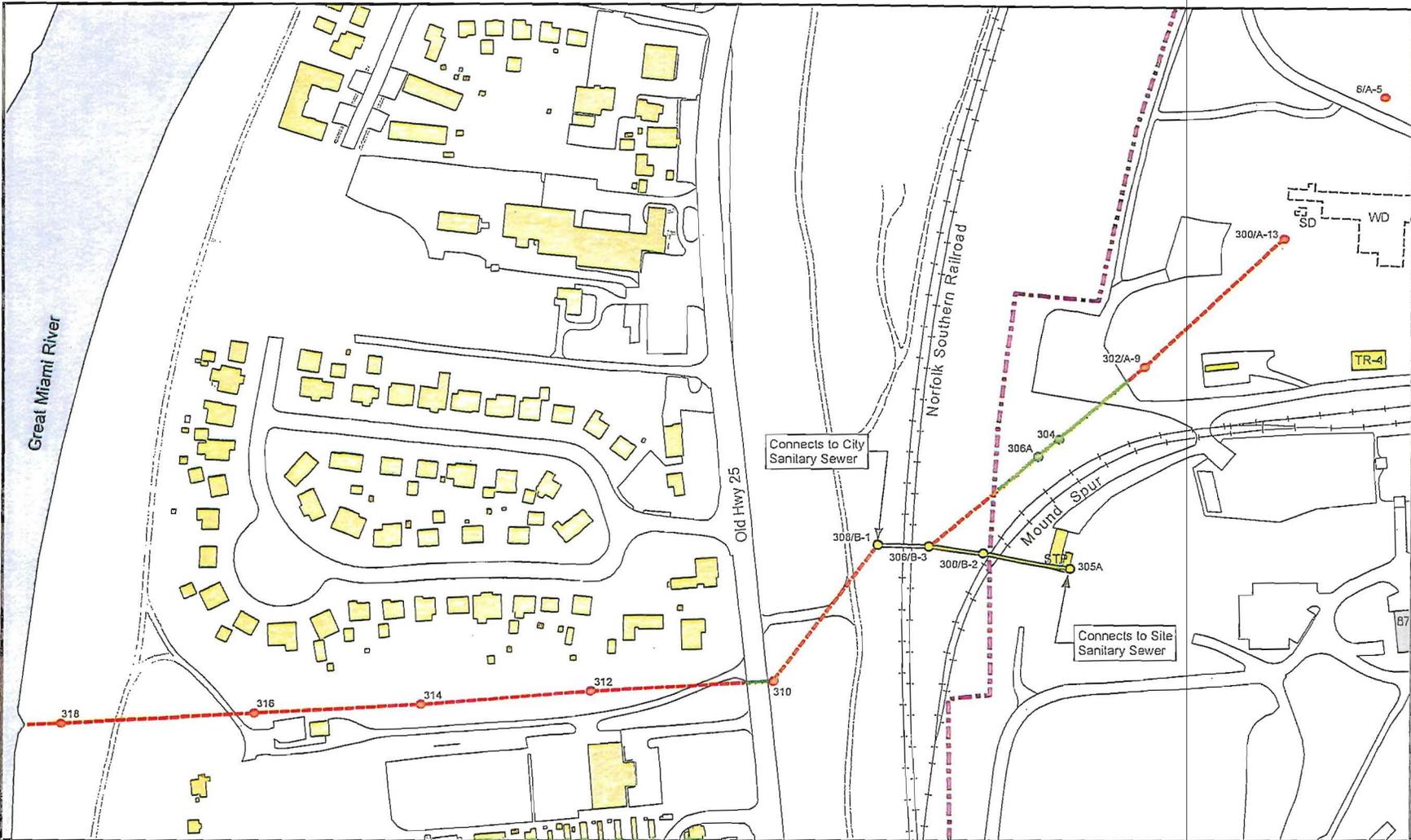
CONCURRENCE:

DOE/MCP: Paul Lucas 3/1/2010
Paul Lucas, Remedial Project Manager (date)

USEPA: Timothy J. Fischer 3/1/2010
Timothy J. Fischer, Remedial Project Manager (date)

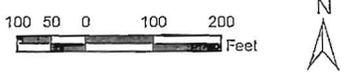
Ohio EPA: Brian Nickel 3/1/2010
Brian Nickel, Project Manager (date)

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Legend

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|-------------------------|----------------------------|-------------------|---------------|-----------|
| Line Active | Manhole Active | Site Boundary | Road - Paved | Railroad |
| Line Removed | Manhole Removed | Building | Road - Gravel | Bike Path |
| Line Abandoned in Place | Manhole Abandoned in Place | Historic Building | Road - Dirt | River |



PRS-7 Project - Sanitary Sewer Outfall Lines and Manholes