

US EPA ARCHIVE DOCUMENT

OMAHA LEAD SITE

OPERABLE UNIT O2

FINAL RECORD OF DECISION



U. S. Environmental Protection Agency, Region 7
901 North 5th Street
Kansas City, Kansas 66101

May 13, 2009

OMAHA LEAD SITE
FINAL RECORD OF DECISION
DECLARATION

SITE NAME AND LOCATION

Omaha Lead Site OU2
 Omaha, Nebraska

STATEMENT OF BASIS AND PURPOSE

This decision document presents the selected final remedial action for lead-contaminated residential properties at the Omaha Lead Superfund Site. This decision was chosen in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act, as amended by the Superfund Amendments and Reauthorization Act, and to the extent practicable, the National Contingency Plan. This decision is based on the Administrative Record for the Omaha Lead Site (the site [or OLS]). The Administrative Record file is located at the following information repositories:

EPA Public Information Center (North)
 3040 Lake Street
 Omaha, Nebraska
 (402) 991-9583

EPA Public Information Center (South)
 4911 South 25th Street
 Omaha, Nebraska
 (402) 731-3045

Omaha Public Library
 W. Dale Clark Main Library
 215 South 15th Street
 Omaha, Nebraska
 (402) 444-4800

Washington Branch Library
 2816 Ames Avenue
 Omaha, Nebraska
 (402) 444-4849

South Omaha Library
 2202 M. Street
 Omaha, Nebraska
 (402) 444-4850

EPA Region 7 Records Center
 901 N. 5th Street
 Kansas City, Kansas
 (913) 551-7241
 (800) 223-0425

The state of Nebraska has concurred with this selected remedy. State comments are presented and addressed in the attached Responsiveness Summary.

ASSESSMENT OF THE SITE

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response actions selected in this Final Record of Decision (ROD), present a current threat to public health, welfare, or the environment. The site contains lead contamination in various environmental media resulting from historic lead smelting and refining operations.

DESCRIPTION OF THE SELECTED REMEDY

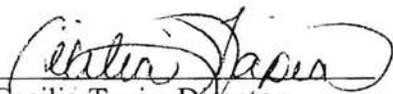
The U.S. Environmental Protection Agency (EPA) believes the selected final remedy (Alternative 2 in the OLS Proposed Plan with an estimated capital cost of 236.6 million dollars) appropriately addresses the principal current and potential risks to human health and the environment. The remedy addresses human health risks by remediating residential soils impacted by lead contamination. The major components of the selected remedy include the following actions.

- Excavation, backfilling, and revegetation of lead-contaminated residential soils in an estimated 9,966 residential-type properties exceeding 400 parts per million (ppm);
- Participation in a comprehensive remedy with other organizations and agencies to characterize and address all identified sources of lead exposure at the site;
- Stabilization of exterior lead-based paint that threatens the long-term protectiveness achieved through excavation and replacement of lead-contaminated surface soils;
- Response to interior dust involving a HEPA vacuum program and health education at remediated properties with interior dust lead levels exceeding eligibility criteria;
- Health education for the Omaha community and medical professionals to support public awareness, exposure prevention programs, in-home assessments, blood-lead screening programs, and diagnosis, treatment, and surveillance programs.

STATUTORY DETERMINATIONS

The selected remedy is protective of human health and the environment, complies with federal and state laws that are legally applicable or relevant and appropriate requirements for the remedial action, and is cost-effective. The remedy utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable, but does not use treatment as a principal element because of the absence of a demonstrated, effective treatment alternative. After the implementation of this remedy, EPA anticipates that hazardous substances, pollutants,

or contaminants will not remain on-site at remediated properties above levels that allow for unlimited use and unrestricted exposure. Properties will be subject to the statutory five-year review requirement where the action or cleanup levels are exceeded prior to completion of remedial action, and at properties where action or cleanup levels were not achieved following completion of remedial action. A policy review will be conducted at least once every five years to ensure that the local lead hazard registry is being maintained on all properties at the OLS with property-specific information.


Cecilia Tapia, Director
Superfund Division

5/13/09
Date _____