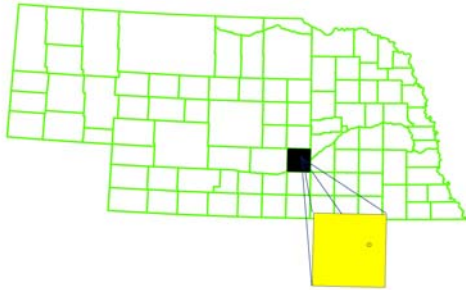


PARKVIEW WELL
NEBRASKA
EPA ID# NEN000704456

EPA Region 7
City: Grand Island
County: Hall
Other Names: Stolley Park Groundwater Contamination

03/05/2009



SITE DESCRIPTION

The Parkview Well Superfund Site is located in the southwestern portion of the city of Grand Island in Hall County, Nebraska. The site consists of two areas of ground water contamination and associated sources. Municipal and private wells are located within or near the ground water contamination. Ground water contamination extends east-northeastward from near the intersection of South Engleman Road and West Husker Highway towards and beyond the intersection of Pioneer Boulevard and Commerce Avenue.

Site Responsibility:

This site is being addressed through Federal, State and potentially responsible party actions.

NPL LISTING HISTORY

Proposed Date: 09/23/2004

Final Date: 04/19/2006

Deleted Date:

THREATS AND CONTAMINANTS

The ground water has been contaminated with several volatile organic

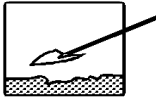


contaminants including tetrachloroethene (PCE), 1,1-dichloroethene (DCE), 1,1,1-trichloroethane (1,1,1-TCA) and 1,1-dichloroethane (1,1-DCA), and 1,4-Dioxane. Contamination in the ground water has been detected in private and municipal water supply wells.

An Interim Record of Decision for Operable Unit 1 and a Final Record of Decision for Operable Unit 2 have been completed. Remedial design and remedial action activities are underway.

CLEANUP APPROACH

Response Action Status



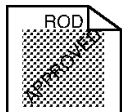
Initial Actions: Under EPA removal actions and through work with the state and a potentially responsible party, the private domestic wells where contaminant concentrations have exceeded health-based levels have been replaced by hookup to city water supplies or treated via whole-house treatment systems. One municipal well has been removed from service. Under a removal action for Operable Unit 2, the most highly contaminated soils were excavated from the source area at 3304 Engleman Road South in September 2007. A removal action which included private well sampling and the provision of alternate water supplies to affected residences was completed in 2008. Private well sampling and the provision of alternate water supplies will continue as part of the OU1 remedial action as long as ground water contamination threatens private water supplies.



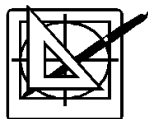
Site Studies: A Preliminary Assessment and Site Inspection were completed for the site. As a result, the site was divided into a Northern Plume Study Area and a Southern Plume Study Area. The Northern Area was investigated by a potentially responsible party under an administrative order on consent (AOC) for a remedial investigation. The remedial investigation concluded that the northern plume is not currently contributing to the southern contaminant plume. The northern plume area is being addressed under the Nebraska Department of Environmental Quality (NDEQ), Remedial Action Plan Monitoring Act (RAPMA) program to address residual soil sources and ground water contamination.

The Southern Plume and associated source area were investigated by EPA through the Fund-Lead RI/FS process, given that no responsible parties have been identified to-date. The site was divided into two operable units, Operable Unit 1 (OU1) - an interim action and Operable Unit 2 (OU2) - a final action. A description of activities conducted for each operable unit is provided below.

Remedy Selected: An Interim Record of Decision was issued for OU1 in



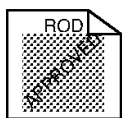
September 2006. The remedy includes extraction wells, a ground water treatment system, ground water monitoring for remedy performance, and ground water monitoring and alternate water supplies for domestic users affected by the ground water contamination. Institutional controls in the form of a ground water use ordinance are included as part of the remedy.



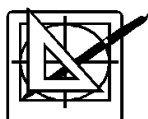
Remedy Design: The remedial design for OU1 was completed in 2008. The design includes a ground water treatment plant consisting of air strippers connected by high capacity water transmission piping placed in the ground to a series of four ground water extraction wells. The four ground water extraction wells are intended to prevent further plume migration into a residential neighborhood, and to prevent expansion of the plume in the downgradient direction. Treated water discharged from the system via the local storm sewer system will be beneficially reused in a nearby lake to maintain water levels and in the Wood River for enhancement of ecological habitat.



Cleanup Ongoing: The remedial action for OU1 started in September 2008. Private domestic well sampling and alternate water supplies continue as part of the remedial action for OU1. Construction of the ground water extraction well network and treatment plant is anticipated to start in May 2009.



Remedy Selected: A Final Record of Decision was issued for OU2 in September 2007. OU2 includes the source area and ground water contamination not addressed by OU1. The remedy includes in situ chemical oxidation, performance monitoring of the remedy, vapor intrusion sampling, and source area property institutional controls. A removal action for OU2 was conducted in the source area in September 2007, to remove the most highly contaminated soils along the west side of the 3304 Engleman Road (source area) building. Residual source materials are addressed in the ROD for OU2 and will subsequently be addressed in the remedial design and remedial action for OU2.



Remedy Design: A treatability study and remedial design for OU2 were initiated in 2008, and are anticipated to be completed in 2009. The selected remedy, in situ chemical oxidation of the soil source area and associated ground water, will be further refined in the design process. Vapor intrusion sampling continues as part of the remedial design for OU2 and will continue into the future remedial action phases of the OU2 project.



Cleanup Ongoing: A Remedial Action start for OU2 is anticipated in 2010.

Site Facts:

Please refer to the narrative provided throughout this document.

ENVIRONMENTAL PROGRESS



In the early stages of the project, removal actions addressed the private wells where contamination was found to exceed health-based levels and the most highly contaminated source area soils. Investigations of the location and extent of contamination and the source of the problem have been completed. Solutions to address the ground water contamination have been developed. Remedial Design and Remedial Actions for the solutions are underway.

COMMUNITY INVOLVEMENT

- Press Release Announcing Proposal to NPL, 9/04;
- Headquarters Fact Sheet for NPL Proposal, 9/04;
- Fact Sheet Announcing Public Availability Session, 4/05;
- Community Interviews, 5/05;
- Public Availability Meeting, 5/05
- Technical Assistance Grant Notification, Fact Sheet and Display Ad, 5/05
- Fact sheet announcing final listing of the site to the NPL, 4/06. Press release sent to media. Newspaper display ad provided.
- Fact sheet and display ad announcing the proposed plan for OU1, 7/06
- Public meeting for OU1 Proposed Plan, 7/06
- Fact sheet and display ad announcing the Record of Decision for OU1, 11/06
- Fact Sheet and display ad announcing the Proposed Plan for OU2 and future removal action for OU2, 7/07
- Public meeting for OU2 Proposed Plan, 7/07
- Display ad announcing the administrative record for the OU2 source area removal action, 11/07
- Fact Sheet and display ad announcing the Record of Decision for OU2, 11/07
- Fact sheet and display ad announcing the completion of the Remedial Design for OU1, 11/08

SITE REPOSITORY



Edith Abbott Memorial Library
211 North Washington Street
Grand Island, NE 68801

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-7166

REGIONAL CONTACTS

SITE MANAGER:

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(913) 551-7131

COMMUNITY INVOLVEMENT

COORDINATOR:

PHONE NUMBER:

E-MAIL ADDRESS:

Beckie Himes

913-551-7253

himes.beckie@epa.gov

STATE CONTACT:

PHONE NUMBER:

Deborah Myers, NDEQ

402-471-2988

MISCELLANEOUS INFORMATION

STATE:

NE

A74E

CONGRESSIONAL DISTRICT:

01

EPA ORGANIZATION:

SFD-MOKS

MODIFICATIONS

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