

## Attachment 2

# FACT SHEET

for

## PROPOSED REMEDIAL ACTION DECISION

### MAGNOLIA METALS, AUBURN, NE

The Nebraska Department of Environmental Quality (NDEQ) is providing public notice of its intent to propose final cleanup levels and remedial actions at the Magnolia Metals facility. This fact sheet provides background information on the site, a summary of soil contamination, a description of the proposed remedial action, a description of the public participation procedures, and the NDEQ contact person.

**Site Location:** The Magnolia Metals facility is located at 63859 730<sup>th</sup> Road, Auburn, Nebraska. The facility comprises 10 acres located in the northwest quarter of the northeast quarter of Section 16, Township 05 North, Range 14 East, Nemaha County, Nebraska.

**Soil Contamination:** The soil at this site is contaminated as a result of previous operations as a lead foundry. The only contaminant of concern is lead in soil. NDEQ compared contaminant concentrations detected in the soil to NDEQ's Voluntary Cleanup Program (VCP) remedial goals (RGs) to determine the significance of the contamination.

Soil contamination is present in generally the eastern part of the site up to 2 feet below ground surface where lead dust was transported by wind and storm runoff, and at depths to 3 feet in the southwest corner of the site where lead contaminated soil was placed during site re-contouring.

The potential exposure pathways are: direct exposure to lead contaminated soil by current and future industrial workers, construction workers, and future residents. NDEQ is proposing the final cleanup level shown in Table 1.

**Table 1. Proposed Final Cleanup Level at Magnolia Metals**

Contaminant	Concentration
Lead	750 milligrams per kilogram (mg/kg) *
*Based on NDEQ VCP Remediation Goals (RGs) for industrial sites, soil direct contact exposure pathway	

**Proposed Remedial Actions:** NDEQ is proposing the following remedial actions: soil excavation and removal, engineering controls, and institutional controls.

Soil contaminated with lead exceeding the RG of 750 mg/kg will be excavated to two feet below grade and replaced with clean fill in every area except in the southwest corner adjacent to an existing slab. Here, a new concrete slab will be placed as an engineering control to eliminate direct exposure. The removal and replacement of soil and the engineered barrier will control exposure of current and future workers. Excavated soil exceeding the RG cannot be beneficially re-used at the site, and will be managed appropriately and sent off-site to an approved waste facility. Excavated soil that does not exceed the RG may be used for beneficial fill. Although not part of the remedy, Magnolia Metals will maintain a grass cover on soil to reduce dust.

An Institutional Control (IC) will be enacted to protect the engineered control and prevent excavation or disturbance of soil in the clean fill areas. The IC will also restrict use of the facility property to industrial. In addition, as a best-management practice the site will have a rain garden to help prevent transport of lead dust offsite.

Details regarding the proposed remedial actions are contained in the proposed Remedial Action Plan (RAP) dated July, 2012.

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**Public Participation Procedures:** Any person may receive additional information, submit written comments regarding the proposed actions, or request a hearing in writing, on or before **September 20, 2012**. A hearing request must state the nature of the issues to be raised, all arguments and factual grounds supporting such position in writing to NDEQ. If the Director grants a public hearing, the hearing will be advertised by public notice at least 30 days prior to its occurrence. Comments and hearing or information requests should be mailed to David Haldeman, Waste Management Division, Nebraska Department of Environmental Quality, P.O. Box 98922, Lincoln, NE 68509-8922.

**Contact:** The proposed RAP and supporting documents are available for review at the Auburn Memorial Library located at 1810 Courthouse Ave., Auburn, Nebraska. Library hours are MWF 10-5; TT 10-8 and Sat 10-4. These materials are also located at the office of the Nebraska Department of Environmental Quality, 1200 N Street, Suite 400, The Atrium, Lincoln, NE. Please notify NDEQ if alternate formats of materials are needed by **September 5, 2012** by calling (402) 471-2186. TDD users may call 711 and ask the relay operator to call NDEQ at (402) 471-2186. Further information may be obtained from Mike Felix, Remediation Section, (402) 471-4210.