

NATIONAL PRIORITIES LIST (NPL)

Proposed Site

September 2015

IOWA-NEBRASKA LIGHT & POWER CO | **Norfolk, Nebraska**
Madison County

Site Location:

This site is located in the downtown area at the intersection of 7th Street and Norfolk Avenue. An eastern and northeastern portion of the site is currently owned by Black Hills/Nebraska Gas Utility Company LLC. The remainder of the site is owned by Nebraska Public Power District. The site is approximately 2 acres in size.

Site History:

The site is a former manufactured gas plant. Waste products from the manufactured gas process are present in soil and ground water at the site. The site is currently used as a concrete parking lot on the Black Hills portion and a fenced gravel lot on the Nebraska Public Power District portion. The site is located one-half mile upgradient of the east municipal well field which supplies drinking water to the city of Norfolk. Ground water flow in the site area is to the east, migrating toward the east municipal well field.

Site Contamination/Contaminants:

Waste products from the manufactured gas process are present in soil and ground water at the site. Non-aqueous phase liquid is present in significant quantities in ground water and is an ongoing source of contamination to ground water. Polycyclic aromatic hydrocarbons including benzo(a)pyrene and naphthalene, volatile organic compounds including benzene and other hazardous wastes, pollutants or contaminants from MGP-related processes have been detected above health-based benchmark levels.

Potential Impacts on Surrounding Community/Environment:

On-site deposition of coal tar waste has resulted in the migration of ground water contamination off site. The contamination may impact residential and municipal wells downgradient of the facility. Ground water is used for drinking water.

Response Activities (to date):

The potentially responsible party, with the EPA's oversight, has conducted a removal action. The removal action consisted of building demolition and excavation and disposal of approximately 10,495 tons of contaminated material. The site was restored with a concrete parking lot on the Black Hills portion and a fenced gravel lot on the Nebraska Public Power District portion.

Need for NPL Listing:

The state of Nebraska referred the site to the EPA because the site requires short-term and long-term response actions and listing will allow for a proper and timely investigation of the nature and extent of contamination and remediation of the site. Other federal and state cleanup programs were evaluated, but are not viable options at this time. The EPA has received a letter of support from the state for listing this site on the NPL.

[The description of the site (release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices.]

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaqs/index.asp> or by telephone at 1-888-42-ATSDR or 1-888-422-8737.