

## **SHAW AVENUE DUMP SITE**

**(Charles City, Iowa)**

### **GENERAL DESCRIPTION**

The Shaw Avenue Dump is located in the NW 1/4 of the SW 1/4 of Section 7 of Township 35N, Range 15W, Floyd County, Iowa. The site is located approximately 600 feet east of the Cedar River, and is directly across the river from the LaBounty Landfill site. The site is owned by the city of Charles City, Iowa. The site was entered on the Registry in February 1990. The EPA placed the site on the National Priorities List (NPL) in July 1987.

### **SITE CLASSIFICATION**

In 2001 the site was reclassified as “d” Site Properly Closed Requires Continued Management.

### **TYPE AND QUANTITY OF HAZARDOUS WASTE**

- **Types of hazardous waste at this site include metals and VOC’s**

The quantity of hazardous waste disposed of at the Shaw Avenue Dump is undetermined. It was the initial waste disposal site of Salsbury Laboratories, an animal pharmaceutical manufacturer. The disposal of solid waste produced by Salsbury began at the Shaw Avenue dump in 1949 and continued until 1953 when the company began disposal at the LaBounty landfill site.

The municipal wastewater treatment plant received liquid waste discharges from the Salsbury Laboratories. The sewage sludges accumulated contaminants from these discharges. Sludges from the Charles City Wastewater Treatment Plant were disposed of at the site from 1949 until 1964.

The groundwater and soil at the site were found to contain elevated levels of arsenic.

### **SUMMARY OF PUBLIC HEALTH AND ENVIRONMENTAL CONCERNS**

- **The primary public health concern is the potential exposure to contaminated drinking water.**

The Shaw Avenue Dump is located on the southeastern edge of Charles City, a city of about 8,800 residents. The Charles City municipal wells are located two miles north of the site. Several private wells are located within 2000 feet of the site, the nearest well being approximately 600 feet southeast of the site. The dump is located on the floodplain of the Cedar River. The river is located approximately 600 feet west of the site and flows generally to the southeast.

### **SUMMARY OF ASSESSMENT, MONITORING OR REMEDIAL ACTIONS**

The EPA is the lead agency and will continue to investigate the site. In 1988 an Administrative Order of Consent was issued to Salsbury Laboratories and Charles City by the EPA. A Remedial Investigation and Feasibility Study (RI/FS) was completed in June 1991 and a Record of Decision (ROD) was issued in September 1991. The remedial action required by the ROD included removal of waste cells and groundwater monitoring to evaluate the effectiveness of the removal action. The waste removal was completed in the spring of 1993.

In September of 2000 a ROD was issued for the site groundwater that called for no further action other than continued groundwater monitoring.

A Superfund 5-year review was completed for the site in September of 2010. The 5-year review concluded that the site remedy continues to be protective of human health and the environment.

Compliance sampling continued for 2014. The 2015 5 year reviewed was initiated with a completion date expected in July 2015.

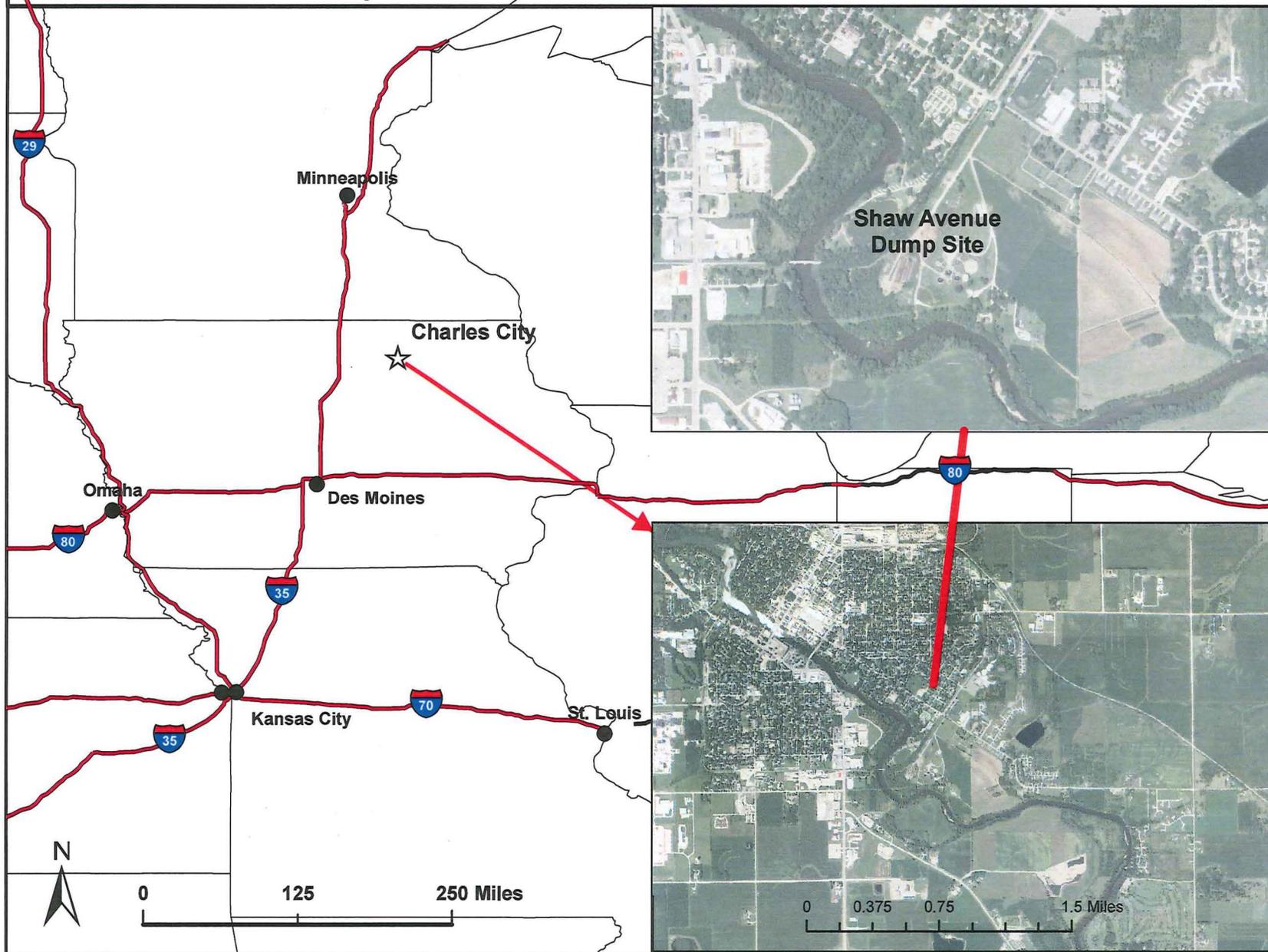


# Figure 1 Location Map Shaw Avenue Dump Site

DRAWN BY: ASG  
DATE: March 2010



US Army Corps  
of Engineers





**Figure 2 Site Map**  
**Shaw Avenue Dump Site**

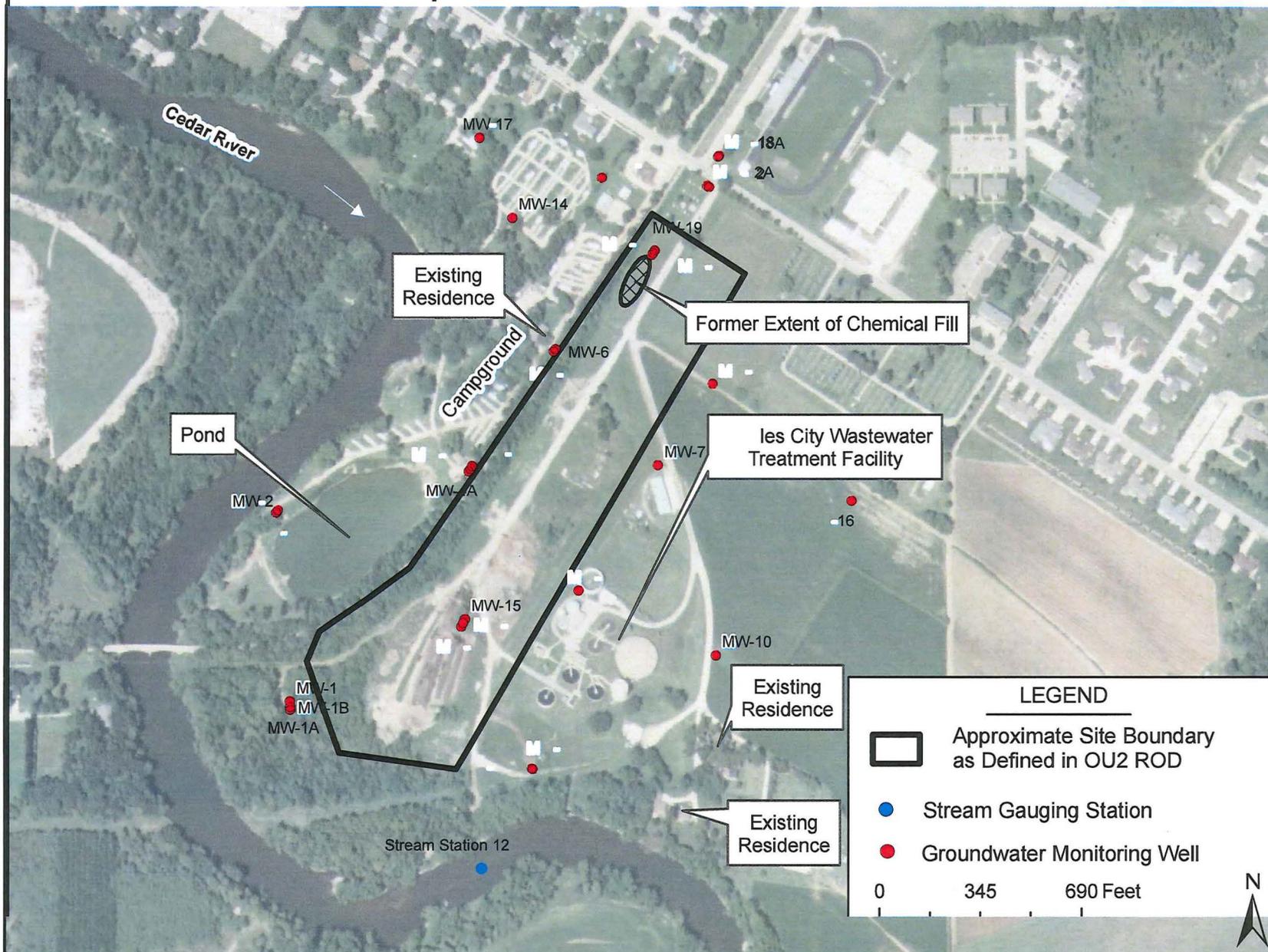
DATE: March 2010

DRAWN BY: ASG

CHECKED BY: FWM



US Army Corps  
of Engineers





# Figure 3 Groundwater Flow - October 2009 Shaw Avenue Dump Site

DATE: March 2010

DRAWN BY: ASG

CHECKED BY: FWM

