Figure 1-1
OLS Focus Area

Focus Area
Extension Location
- Ames-L-45
- 2004 Expanded Focus Area Extensions
- 2008 Final Focus Area Additions
- 5% Frequency of Average Mid-Yard Concentrations > 400 ppm

Carter Lake
Missouri River

MILITARY
36TH
Pottawattamie County
Douglas County
Sarpy County

L
24TH
F
DODGE
30TH
Q
10TH
16TH

MILITARY
40TH
50TH
33RD
10TH
6TH

MILITARY
52ND
6TH

MILITARY
36TH
CALIFORNIA

Focus Area
Extension Location
- Ames-L-45
- 2004 Expanded Focus Area Extensions
- 2008 Final Focus Area Additions
- 5% Frequency of Average Mid-Yard Concentrations > 400 ppm

Figure 1-1
OLS Focus Area

Created By: Kyle Gallagher
09/08/08
Project No.: 044746
Figure 2-1 Locations of Small Parks Sampled by BVSPC

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 Project No.:  044746
Figure 2-2
Locations of Large Parks
Sampled by BVSPC

Focus Area Extension Location
- Ames-L-45
- 2004 Expanded Focus Area Extensions
- 2008 Final Focus Area Additions
- Large Parks

Created By: Kyle Gallagher
09/08/08
Project No.: 044746
Figure 4-1
Comparison of XRF Data vs. Lab Data
2001 - 2007

\[ R^2 = 0.5242 \]
Figure 4-2
10 Mesh vs. 60 Mesh
Omaha Lead Site
Omaha, Nebraska

y = 0.869x + 28.208
R² = 0.9306
Figure 4-3
Residential, Child Care, and EBL Properties - Lead Results

Results shown are based on highest non-foundation lead concentration at each property.

Focus Area Extension Location
- County Boundary/State Line
- Roads
- Missouri River/Carter Lake
- Mile Radius from Site Center
- 2004 Expanded Focus Area Extensions
- 2008 Final Focus Area Additions

LEGEND
- 0.399 mg/kg Lead Concentrations
- 400-799 mg/kg Lead Concentrations
- 800+ mg/kg Lead Concentrations
- 5% Frequency of Average Mid-Yard Concentrations > 400 ppm
2. Properties with maximum non-foundation lead result of less than 400 ppm or greater are indicated by green points.
Focus Area Extension Location

- Ames-L-45
- 2004 Expanded Focus Area Extensions
- 2008 Final Focus Area Additions
- 5% Frequency of Mid-Yard Concentrations > 400 ppm

Notes:
1. The number value within each 1-mile sector is the percentage of properties with maximum non-foundation lead result of 400 ppm or greater as indicated by red points.
2. Properties with maximum non-foundation lead result of less than 400 ppm or greater are indicated by green points.

Figure 5-2
Distribution of Maximum Non-Foundation Sample Results
Figure 6-1. General Site Conceptual Model for Human Exposure at the Omaha Lead Site

- **Source**
- **Potentially Impacted Media**
- **Exposure Route**

**Stack Emissions**
- Wind deposition
- Run-off

**Surface Soil**
- Wind disturbance
- Wind, human disturbances

**Groundwater**
- Uptake, treatment

**Surface Water**
- Sedimentation dissolution
- Uptake into tissues

**Dust in Air**
- Inhalation

**Indoor Dust**
- Ingestion
- Dermal

**Terrestrial Food Items: Vegetables**
- Ingestion

**Drinking Water**
- Ingestion

**Aquatic Food Items: Fish**
- Ingestion