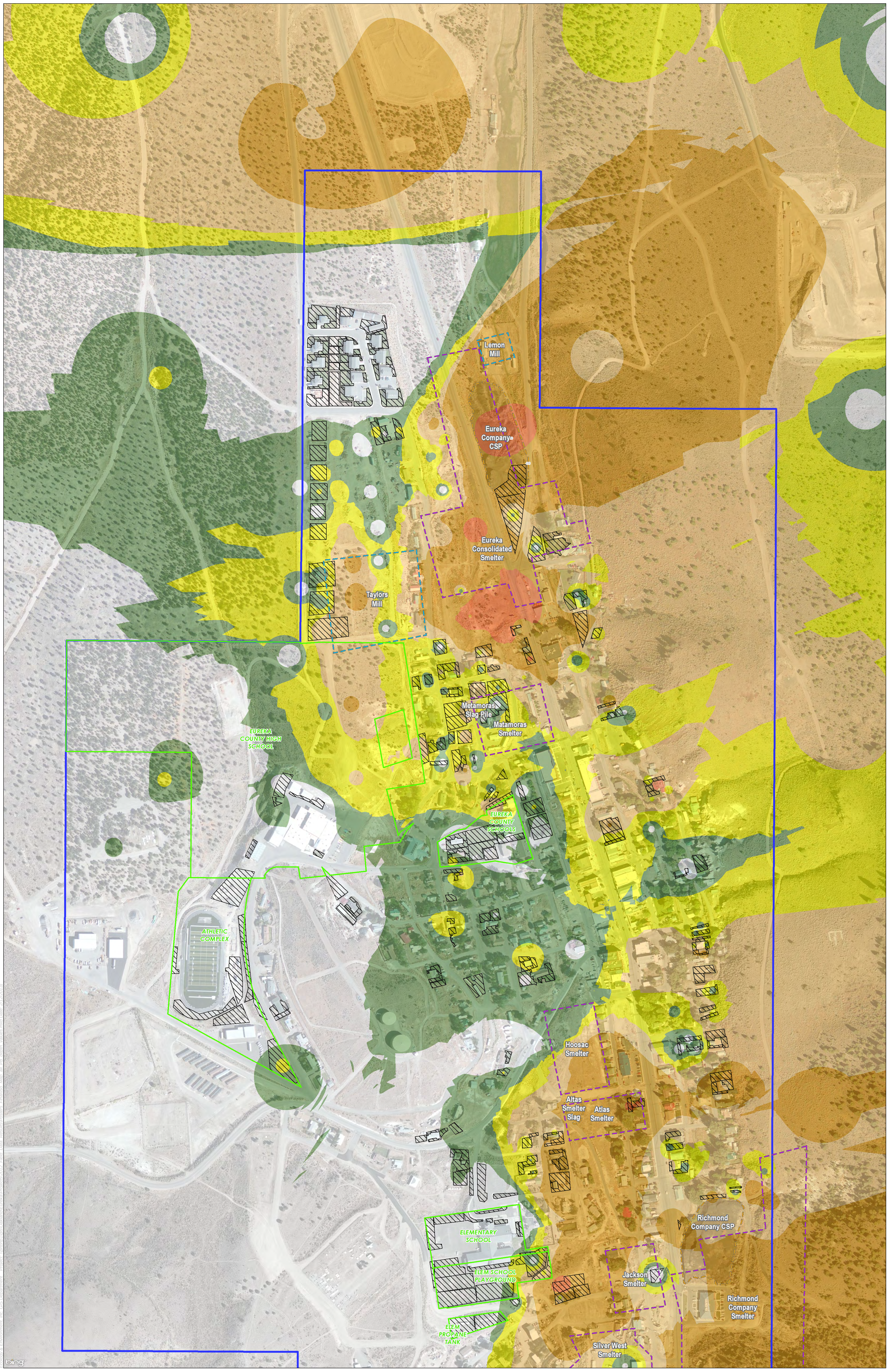
Project # EE-002693-2177
TDD# TO2-09-12-04-0002

Source: Aerial Photography - 2011 Bing



Legend

Lead Concentration (mg/kg)
- Non detect to 400
- 400 to 800
- 800 to 1,500
- 1,500 to 3,000
- 3,000 to 10,000
- greater than 10,000

Historical Facilities
- Historic Mill Facitlity
- Historic Smelter Site
- Consolidated Slag Pile (CSP)

- Project Site
- Eureka County School District Property
- Sampled Areas

Levels of lead in soil are measured in units of milligrams per kilogram (mg/kg)

Surface Creation: GIS Analysis

ESRI ArcGIS v10.1 Inverse distance weighted (IDW) interpolation determines cell values using a linearly weighted combination of a set of sample points. The weight is a function of inverse distance. The surface being interpolated should be that of a locationally dependent variable. This method assumes that the variable being mapped decreases in influence with distance from its sampled location.

For each surface/contour map created for Eureka Pb or As levels, the nearest 12 concentration values were used.

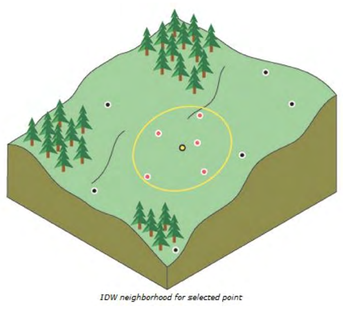


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Figure 17-A
Town of Eureka
Iso-Concentration Map
For Lead

0 500
Feet

NORTH