

Total Sorbed Metals

Prepared For:

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Sample Information:

Sample ID: A2-Rome

Order Number: 31376

Lab Number: M170630-106

Received: 6/30/2017

Reported: 7/7/2017

Results

<i>Analysis</i>	<i>Value Found</i>	<i>USEPA Heavy Metals Thresholds *</i>
Lead (Pb)	78.1 mg/Kg	400 mg/kg
Nickel (Ni)	31.3 mg/Kg	1600 mg/kg
Cadmium (Cd)	0.2 mg/Kg	39 mg/kg
Chromium (Cr)	28.3 mg/Kg	100 mg/kg
Zinc (Zn)	108.5 mg/Kg	23,600 mg/kg
Copper (Cu)	49.5 mg/Kg	Not Available
Arsenic (As)	13.3 mg/Kg	Varies by state

** This information is for general guidance. The threshold values are based on toxicity characteristic leach potential (TCLP). It should be noted that the degree of environmental risk could be influenced by soil characteristics. Contact your local Environmental Protection Authority for specific recommendations.*

General References:

Soil Lead Testing Interpretation	http://soiltest.umass.edu/fact-sheets/soil-lead-testing-interpretation-recommendations-0
Learn About Lead	http://www2.epa.gov/lead/learn-about-lead
Arsenic Cleanup Criteria for Soils in the US and Abroad	https://soiltest.umass.edu/fact-sheets/arsenic-cleanup-criteria-soils-us-and-abroad
Selenium	http://rais.ornl.gov/documents/eco-ssl_selenium.pdf
Ecological Soil Screening Levels	http://rais.ornl.gov/documents/ecossl.pdf
Plant Remediation (Berkeley)	http://www.berkeley.edu/news/media/releases/2005/02/01_plantremediation.shtml

For specific heavy metals regulations, refer to your state's Department of Environmental Protection.