

# MORAWSKI METALS SOIL TEST - 9/27/2016



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## Total Sorbed Metals

### Prepared For:

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### Sample Information:

Sample ID: Morawski Soil #1

Order Number: 25616

Lab Number: M160927-103

Received: 9/27/2016

Reported: 10/11/2016

## Results

Analysis	Value Found	USEPA Heavy Metals Thresholds *
Lead (Pb)	9.9 mg/Kg	400 mg/kg
Nickel (Ni)	17.2 mg/Kg	1600 mg/kg
Cadmium (Cd)	0.0 mg/Kg	39 mg/kg
Chromium (Cr)	22.8 mg/Kg	100 mg/kg
Zinc (Zn)	53.9 mg/Kg	23,600 mg/kg
Copper (Cu)	18.0 mg/Kg	Not Available
Arsenic (As)	2.4 mg/Kg	Not Available

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

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