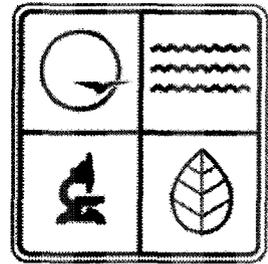


Missouri Department of Natural Resources  
Environmental Services Program



Order ID 120713003

Program, Contact: ESP Brian Allen

Report Date: 07/24/2012

LDPR/JobCode: FEEJE / NJ12ERAK



Sample: AB80562



Customer #: 1201004

Facility ID:  
County: Jackson

Site: Detray Plating  
Sample Reference ID:

Collector: ERIC SAPPINGTON

Affiliation: ESP/EER

Collect Date: 7/12/2012 10:40:00AM

Entry Point:

Sample Comment: Soil from garden, 10515 East 10th Street, Independence, Rep 1

Test	Parameter	Result	Qualifier	Units	QC Batch ID	Method
Cyanide	Cyanide	<0.47	02, 04, 09, ND	mg/kg	16,832	Contract Lab Dep
Hexavalent Chromium	Hexavalent Chromium	<0.004	02, 04, 09, ND	mg/kg	16,831	Contract Lab Dep
Metals-Total Recoverable Soil	Cadmium	1730	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Chromium	15400	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Copper	33700	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Lead	76100	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Nickel	20500	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Zinc	251000	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Percent Moisture	Percent Moisture	11.7		%	16,809	Infrared Drying
Percent Moisture	Percent Moisture	11.9	02, 04	%	16,833	Contract Lab Dep
pH	pH	6.86		pH Units	16,752	SW-846 9045C

Sample: AB80563



Customer #: 1201005

Facility ID:  
County: Jackson

Site: Detray Plating  
Sample Reference ID:

Collector: ERIC SAPPINGTON

Affiliation: ESP/EER

Collect Date: 7/12/2012 10:45:00AM

Entry Point:

Sample Comment: Soil from garden, 10515 East 10th Street, Independence, Rep 2

Test	Parameter	Result	Qualifier	Units	QC Batch ID	Method
Cyanide	Cyanide	<0.46	02, 04, 09, ND	mg/kg	16,832	Contract Lab Dep
Hexavalent Chromium	Hexavalent Chromium	<0.004	02, 04, 09, ND	mg/kg	16,831	Contract Lab Dep
Metals-Total Recoverable Soil	Cadmium	1870	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Chromium	15900	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Copper	33600	02, 04, 09	µg/kg	16,834	Contract Lab Dep

**Sample: AB80563****Customer #: 1201005****Facility ID:**  
**County:** Jackson**Collector:** ERIC SAPPINGTON**Entry Point:****Sample Comment:** Soil from garden, 10515 East 10th Street, Independence, Rep 2**Site:** Detray Plating  
**Sample Reference ID:****Affiliation:** ESP/EER**Collect Date:** 7/12/2012 10:45:00AM

Test	Parameter	Result	Qualifier	Units	QC Batch ID	Method
Metals-Total Recoverable Soil	Lead	78500	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Nickel	19600	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Zinc	283000	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Percent Moisture	Percent Moisture	10.5		%	16,809	Infrared Drying
Percent Moisture	Percent Moisture	10.6	02, 04	%	16,833	Contract Lab Dep
pH	pH	6.45		pH Units	16,752	SW-846 9045C

**Sample: AB80564****Customer #: 1201006****Facility ID:**  
**County:** Jackson**Collector:** ERIC SAPPINGTON**Entry Point:****Sample Comment:** Soil from garden, 10515 East 10th Street, Independence, Rep 3**Site:** Detray Plating  
**Sample Reference ID:****Affiliation:** ESP/EER**Collect Date:** 7/12/2012 10:50:00AM

Test	Parameter	Result	Qualifier	Units	QC Batch ID	Method
Cyanide	Cyanide	<0.45	02, 04, 09, ND	mg/kg	16,832	Contract Lab Dep
Hexavalent Chromium	Hexavalent Chromium	<0.004	02,04,09,11,ND	mg/kg	16,831	Contract Lab Dep
Metals-Total Recoverable Soil	Cadmium	1860	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Chromium	15400	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Copper	34500	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Lead	79100	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Nickel	20300	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Metals-Total Recoverable Soil	Zinc	249000	02, 04, 09	µg/kg	16,834	Contract Lab Dep
Percent Moisture	Percent Moisture	10.0	02, 04	%	16,833	Contract Lab Dep
Percent Moisture	Percent Moisture	9.6		%	16,809	Infrared Drying
pH	pH	6.51		pH Units	16,752	SW-846 9045C



**Chris Boldt, Laboratory Manager  
Environmental Services Program  
Division of Environmental Quality**

**Qualifier Descriptions**

- 01 Improper collection method
- 02 Improper preservation
- 03 Exceeded holding time
- 04 Analyzed by Contract Laboratory
- 05 Estimated value, detected below PQL
- 06 Estimated value, QC data outside limits
- 07 Estimated value, analyte outside calibration range
- 08 Analyte present in blank at > 1/2 reported value
- 09 Sample was diluted during analysis
- 10 Laboratory error
- 11 Estimated value, matrix interference
- 12 Insufficient quantity
- 13 Estimated value, true result is >= reported value
- 14 Estimated value, non-homogeneous sample
- 15 No Result - Failed Quality Controls Requirements
- 16 Not analyzed - related analyte not detected
- 17 Results in dry weight
- 18 Sample pH is outside the acceptable range
- 19 Estimated value
- 20 Not analyzed - Instrument failure
- 21 No result - spectral interference
- 22 pH was performed at the Laboratory
- 23 Contract Lab specific qualifier - see sample comments
- 24 No result - matrix interference
- 25 No Result: Excessive Chlorination
- 26 No Result: Excessive Dechlorination
- ND Not detected at reported value

