



***United Verde Soil Program  
Clarkdale Town Council  
Meeting  
May 19, 2015***

# *United Verde Soil Program*

- Introduction
- Who, What, When, Where, Why, and How
- Proposed Schedule
- Closing

# *United Verde Soil Program*



Who: Freeport Minerals Corporation

What: Soil Testing and Remediation Program through the ADEQ Voluntary Remediation Program

When: Smelter operational years

Where: Study Area Map

Why: Potential impacts from former smelter emissions

How: Soil Program video

# *United Verde Soil Program*

## **Smelter History**

- 1) United Verde Smelter
  - United Verde Copper Company – 1915 to 1932
  - Phelps Dodge Corporation – 1935 to 1953
  - Freeport-McMoRan acquired Phelps Dodge - 2007
- 2) Smelter processed copper ores mined in Jerome
- 3) Smelting process produced air emissions
- 4) Emissions particulate containing metals may have settled in the Town of Clarkdale on properties near the former smelter

# *United Verde Soil Program*

## **DEQ Voluntary Remediation Program**

Voluntary project

DEQ oversight

Work plan and report deliverables

1. Human Health Risk Assessment
2. Sampling and Analysis Plan (includes Quality Assurance Project Plan and Health and Safety Plan)
3. Remedial Action Work Plan
4. Completion Report

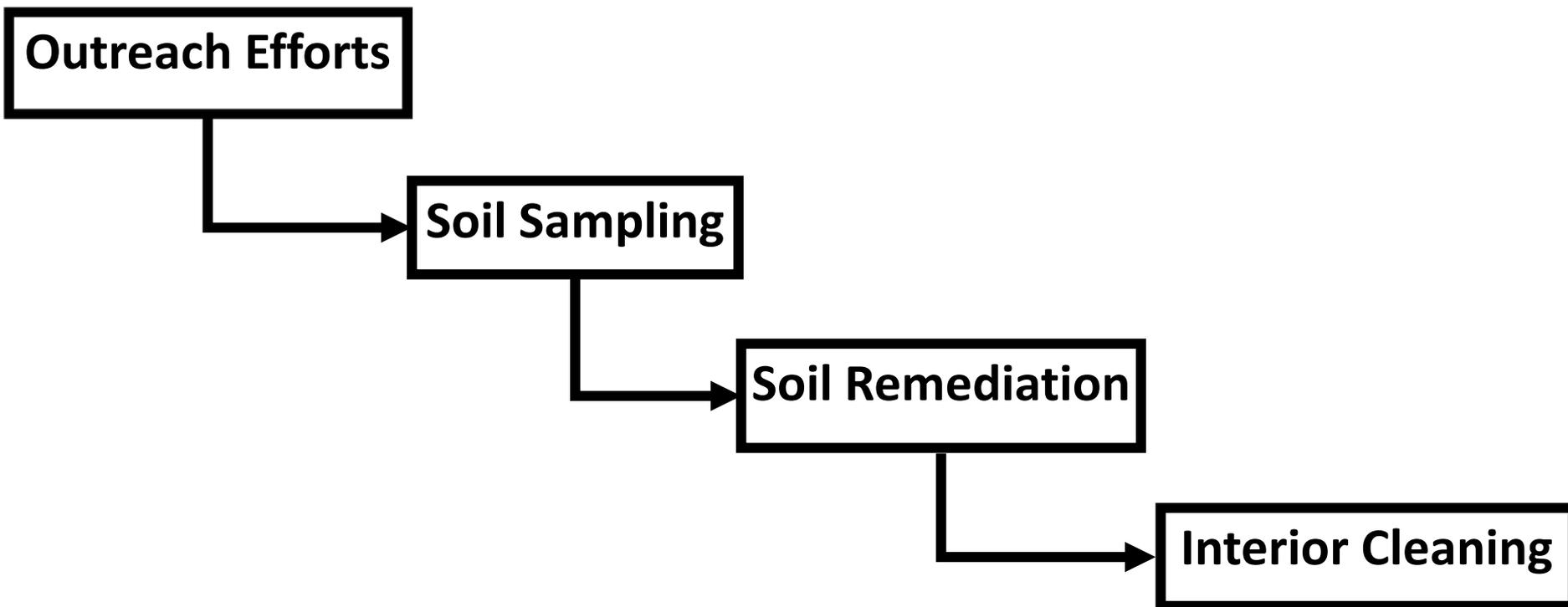
# United Verde Soil Program

VALUE AT OUR CORE



# *United Verde Soil Program*

## Soil Program Process





# Soil Program Video Presentation

# *United Verde Soil Program*

- Interior Home Cleaning Phase
  - Offered at properties that received soil remediation
  - Interior cleaning process
  - Participation in interior cleaning is voluntary
  - Interior cleaning services provided without charge to property owner

# *United Verde Soil Program*

## **Proposed Schedule of Work**

Outreach – begin in summer 2015

Soil Sampling – begin in fall 2015

Remediation – to be determined by  
sampling data

# *United Verde Soil Program*

## How can the community stay informed?

*Community open house*

*Local soil program office*

*Fact sheets*

*Direct mail information*

*Information repositories*

*Regular updates to Clarkdale Officials*

*ADEQ*