



# Voluntary Remediation Program

[www.azdeq.gov](http://www.azdeq.gov)

Clarkdale Special Council Meeting

May 19, 2015

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- ARS §49-171 thru §49-188
- Prescriptive

Application

Work Plan

Community Involvement

Request for No Further Action (NFA) Determination



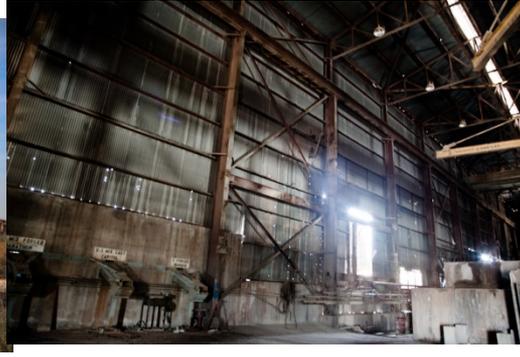
- Allow applicants to conduct expedited remediation of properties and return them to productive use
- Work cooperatively with applicants to achieve their remediation goals in a cost effective manner
- Allow applicants to proactively reduce risk to public health and the environment
- Facilitate selection of regulatory tools available to the applicant to reach site closure

- Three ways to establish cleanup standards under ADEQ's Soil Rule R18-7-201
  - Pre-determined Soil Remediation Levels (SRLs)
  - Background
  - Site Specific (Risk Assessment)

- Mines
  - Active Mines
  - Closed Mines
  - Town Cleanups
- Dry Cleaners
- Landfills
- Pesticide Sites/Developments
- Pipeline Releases

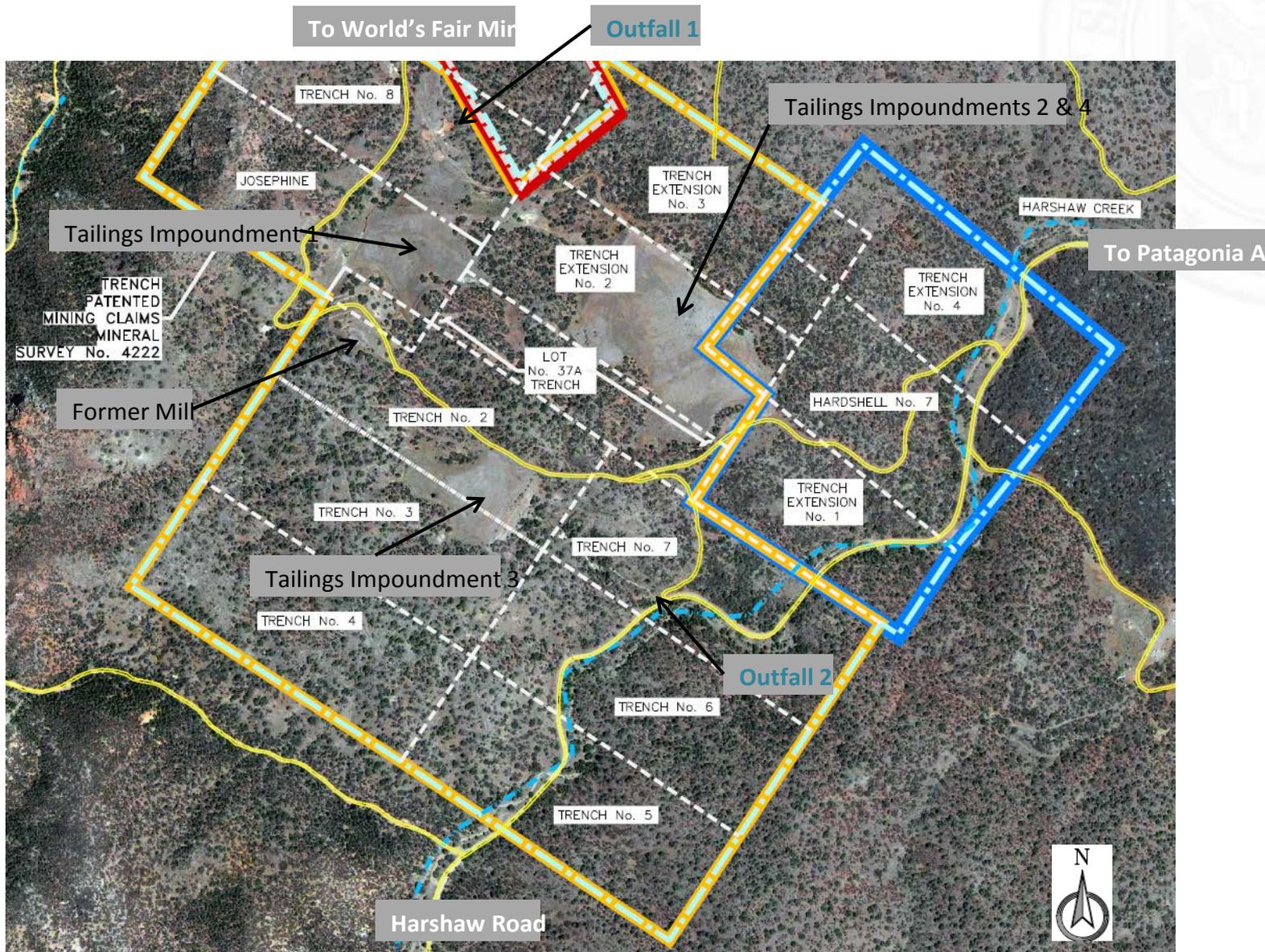


# ASARCO Sacaton



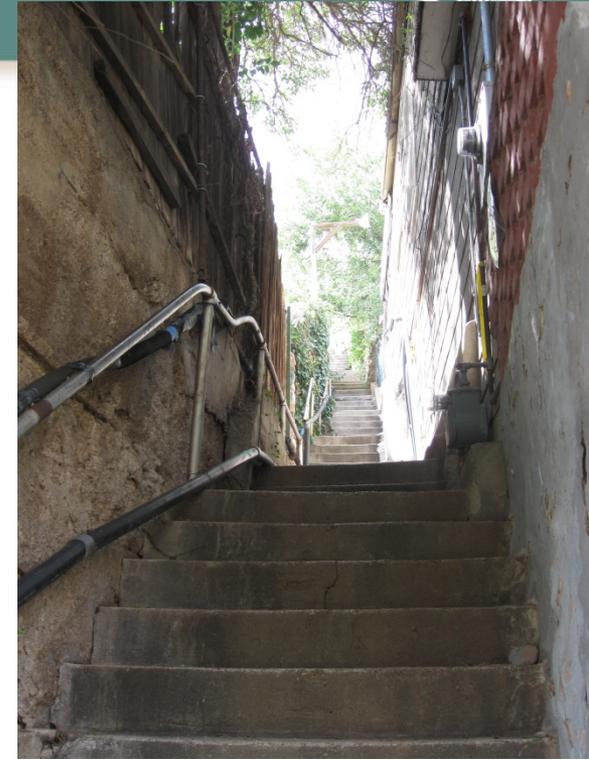


# ASARCO Trench Camp



- \$2,000 non-refundable application fee
- \$4,000 initial deposit
- Maintain a positive account balance:
  - When balance falls below \$1,000, an invoice is issued for another \$4,000
- \$110 per hour reimbursement for agency oversight costs
- Other pass-thru costs – Risk Assessments

# Town Cleanups



## ■ Sites not eligible:

- In a WQARF (State Superfund) Registry site or boundary area for remediation of the same COC's as WQARF
- UST site seeking SAF reimbursement
- Remedial action required by any written agreement between applicant and the Director, judicial judgment or decree, or administrative order
- RCRA permitted/interim status site

# Tempe Marketplace



- Submit work plan for approval
  - Flexibility
  - Include QA issues relevant for level of site
- Work plan approval
- Conduct work
- Modification of work plan (as necessary)
- Request for NFA determination



# Southwest Coop





- Orientation Package
  - What to expect when working with VRP
  - Work Plan Checklist
  - Abbreviated QAPP
- Soil Gas for Dry Cleaner Sites
- Risk assessment planning and review
- Electronic NFA and DEUR Boundary
- Incremental Sampling Methodology
- 95 UCL for Exposure Point Concentrations
- Expedited Work Plan Review

- 62 Active Sites
- 213 closed sites
- 2 Pending Applications



- WQARF Remedy Selection Rules are followed for off site water contamination
- NFAs
  - Compliance with SRLs/AWQS/MCLs
- Conditional NFAs
  - Declaration of Environmental Use Restriction

- Institutional Control
- Engineering Control
- DEUR Fees
  - Calculation Spreadsheet
- Financial Assurance



# Adair Park



## Repository Forms

- [http://azdeq.gov/environ/waste/cleanup/download/pre\\_remediation\\_form.pdf](http://azdeq.gov/environ/waste/cleanup/download/pre_remediation_form.pdf)
- [http://azdeq.gov/environ/waste/cleanup/download/post\\_remediation\\_form.pdf](http://azdeq.gov/environ/waste/cleanup/download/post_remediation_form.pdf)

## DEUR Calculation

- [http://azdeq.gov/function/forms/download/2014-04-22%20DEUR Fee Calculation Spreadsheet Final.xls](http://azdeq.gov/function/forms/download/2014-04-22%20DEUR_Fee_Calculation_Spreadsheet_Final.xls)