Mine Coordination Group

Region 9 Superfund
Superfund Mine Coordination Group

- Established August 2009
  - PLRC Branch –lead

- Representatives in Group
  - Site Assessment
  - Removal
  - Remedial (3, one from each branch)
  - Case Development
  - Toxicology
  - ORC
  - Division Management
  - Community Involvement
Mine Coordination Group

Purpose

• 1. Collaborates in prioritizing Superfund Division work at inactive and abandoned mine sites in Region 9
• 2. Recommends site-specific activities to management for action and resource allocation
• 3. Coordinates on mine sites within Division and acts as a liaison with other R9 Divisions, other agencies and stakeholders
Mine Coordination Group

Scope

1. Develop mine site inventory
   - Mines that EPA does or did have an interest
   - 500+ so far
   - CERCLIS, removals, site assessment, etc.

Cache Creek Watershed
Mine Coordination Group

Scope

- 2. Coordinate between SF branches

- 3. Rank abandoned mines (non-NPL) for prioritization in R9 Superfund Division

New Idria Mine
Criteria for Priority Ranking

- Risk-based criteria; mining-specific; adapted with considerations from several sources
  - Priority Panel
Criteria for Priority Ranking

- 5 weighted factors – max score 100
  - Human exposure
  - Stability
  - Contaminant characteristics
  - Exposure to environment
  - Program management considerations

Ft. McDermitt
Process for Ranking Mine Sites

1. Sites are brought to attention of group through experience, contacts, other agencies.

2. Advocate for site gives 20 minute presentation addressing each of the 5 factors.
Process for Ranking Mine Sites

- 3. Each of 10 group members scores site, which is then averaged

- 4. Site is prioritized based on score
Priority Ranking List

- Rank/ Score/ Mine
- 1. 79 New Idria, CA
- 1. 79 McDermitt Mine, NV
- 1. 79 Rand/Kelly Mine, CA
- 2. 69 Calico Group of Mines CA
- 3. 63 Blue Ledge Mine CA
- 4. 59 Jamestown Mine CA
- 5. 58 Klondyke Tailings, AZ
- 6. 57 Leona Heights Sulphur Mine CA
- 7. 56 Anamax Twinn Buttes Mine, AZ
- 8. 55 Tropico Mine CA
- 9. 50 Newton Mine CA
- 10. 48 Argonaut Tailings CA
- 10. 48 American Beauty NV
- 11. 43 Oracle Ridge Mine AZ
- 12. 37 Three R Mine, AZ