Moab Uranium Mill Tailings Remedial Action Review
January 26, 2016

Day after the rock slide
November 19, 2014

Staged mill debris
January 13, 2016
New Stakeholders for 2016

• Mary McGann
  – Council Member, 2016 MTPSC Chair

• Phil Goble
  – UDEQ, replacing Connie Nakahara
  – Program Manager, Division of Waste Management and Radiation Control

• Jennifer Jones
  – BLM Moab Office, replacing Rock Smith
  – Recreation Specialist
News

- 2.5 million hours worked without OSHA Lost Time incident
- Berm built to defend against rock slides
- Another possible Vicinity Property reported
- Grant obligation extended through 2016
- Public awareness, more opportunities
  - SWANA talk, March 3rd in Springdale
  - First (Annual?) Moab Science Festival
    - Sep 23 UMTRA Public Site Tour
    - BLM, NPS, USGS, UGS and Grand County

Shipments decreased due to rock slide

Budget Proposal 10% below FY16
Radon Trends Near Pile

pCi/L, most recent quarter

UMTRA Project Guideline
3 pCi/L
Above Background

SHIPMENTS SUSPENDED (FUNDING)
Dec12-Feb13

Nearest Home
Arches Vis Ctr
S Boundary
NW Boundary

Background
0.7 pCi/L

EPA Indoor Action Level 4 pCi/L
Radon Trends Near Disposal Cell

**pCi/L, most recent quarter**

- **UMTRA Project Guideline 3 pCi/L Above Background**
- **SHIPMENTS SUSPENDED** (funding) Dec12-Feb13
- **TAILINGS SHIPMENTS START APRIL, 2009**
- **Nearest Home**
- **W Thompson**
- **W Site**
- **NE Site**

**Background 0.9 pCi/L**

**EPA Indoor Action Level 4 pCi/L**
Gamma Radiation Near Pile

Total mREM L4Q

UMTRA Guideline 100 mREM/yr (about one CT scan) Above Background

SHIPMENTS SUSPENDED Dec12-Feb13

- Nearest Home
- Arches Vis Ctr
- S Boundary
- NW Boundary

Background average 81 mREM/yr at Moab

L4Q = Last Four Quarters
Gamma Radiation Near Disposal Cell

Total mREM L4Q

UMTRA Guideline
100 mREM/yr (about one CT scan) Above Background

SHIPMENTS SUSPENDED
Dec12-Feb13

Background average
92 mREM/yr
at Crescent Jct

L4Q = Last Four Quarters
Airborne Radioparticulates

**Total mREM L4Q**

**Particulates roughly track rate of tailings shipments**

**SHIPMENTS SUSPENDED Dec12-Feb13**

**UMTRA Guideline**
10 mREM/yr
(~ one chest X-ray)
For respirable particles

- Thompson
- Arches NP
- Mill E (Sta 0102)
- Mill NW (Sta 0129)

**Background**
1.5 mREM/yr

Radioparticulate data for 15Q4 not yet available
Rock Slide

October, 2010
Rock Slide

November 18, 2014
1:39 PM

October, 2010
Rock Slide

November 18, 2014

October, 2010