

## Weekly Construction Progress Report #42

Period: 9/2/12 through 9/8/12

### Project Work Performed:

- Continued interim construction survey staking to identify subgrade elevations.
- Continued to screen and process clean onsite stockpile soils to meet structural fill material conformance specifications.
- Continued to load, transport, place, moisture condition and compact structural backfill within the Category 1 Landfill footprint to meet subgrade elevations.
- Continued compliance monitoring including air monitoring, weather monitoring, SWPPP monitoring and fugitive dust monitoring.
- Continued collecting geotechnical samples of Russell Sand and Gravel materials associated with PRB 1.
- Began site preparation activities associated with PRB 1. Activities will include subgrade preparation and delivery of a slide rail system.
- All field activities were suspended on the afternoon on August 28<sup>th</sup> and did not resume until Wednesday September 5<sup>th</sup> in observance of Labor Day.

### Work Projected Next Week:

- Continue interim construction survey staking to identify subgrade elevations.
- Continue to screen and process clean onsite stockpile soils to meet structural fill material conformance specifications.
- Continue to load, transport, place, moisture condition and compact structural backfill within the Category 1 Landfill footprint to meet subgrade elevations.
- Continue compliance monitoring including air monitoring, weather monitoring, SWPPP monitoring and fugitive dust monitoring.
- Begin the installation of PRB 1 including the installation of the slide rail system.

## Former ASARCO Smelter Facility

## Category 1 Landfill Construction

El Paso, TX



*Grading of structural fill along CAT 1 Landfill slopes*



*PBA current conditions*



*Offloading slide rail system near PRB 1*

## Weekly Construction Progress Report #42 (Continued)

**Period:** 9/2/12 through 9/8/12

### Action Items/Safety:

- Loss Prevention System (LPS) tools
  - Loss Prevention Observation (LPO) – 2 (78)
  - Job Safety Analysis (JSAs) – 0 (7)
  - Near Loss – 1 (6)
  - Minor Equipment Damage – 0 (3)
  - Incidents – 0 (2)
  - Stop Work Authority 0 – (7)

Prepared by EJ Suardini, September 11, 2012



Assembly of slide rail components for PRB 1

### Progress Legend

Blue – PRB 1 Location

Green – (Complete)  
Excavation of Impacted soil  
beneath Slag

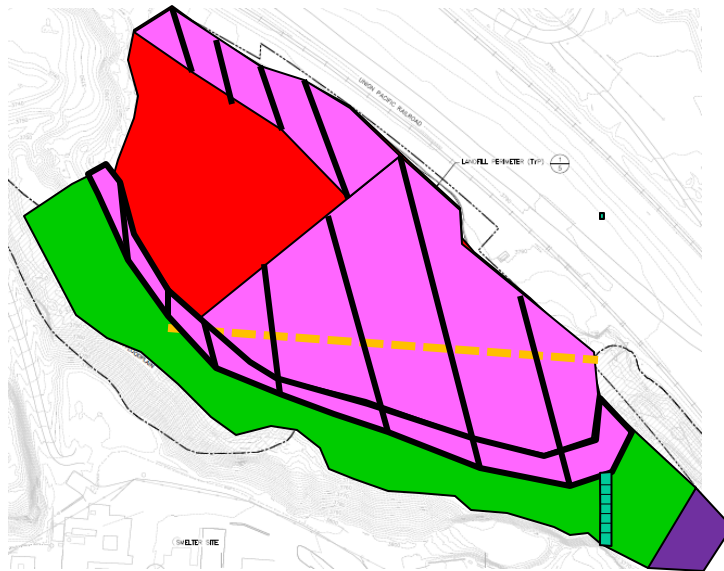
Red – (Complete) Mass  
Excavation Activity

Red (Hatch) – Current Work  
Area

Orange – Removed  
Sanitary/Storm Sewer Piping

Purple – Earthen Buttress  
(Complete)

Pink (Hatch) – Backfill Activities



Estimated Weekly Volume				
	Estimated Quantity of Slag Removed (Tons)	Estimated Quantity of Mass Excavation (Tons)*	Estimated Quantity of Structural Fill Material Installed (Tons)	Estimated Quantity of Subgrade Prepared (Tons)
Weekly Total	0	0	5300	0
Total to Date	329,667	293,563	111,660	0

\*Quantity includes the excavation of soil impacted material beneath slag.