INTERIM REPORT – SOIL SAMPLING ACTIVITES
FORMER ASARCO SMELTER SITE, EL PASO, TEXAS

This interim report summarizes results associated with soil sampling activities performed on August 8 and 9, 2011. The sample locations were selected based on information provided by the Ex-ASARCO Workers Group during site visits held in June 2010 and March 2011. The soil sampling activities were performed under the protocols set forth in the Remedial Action Work Plan (RAWP) for the site.

Only a portion of the planned locations described in the RAWP have been sampled due to limited site access during on-going demolition activities. The remaining locations will be sampled once these areas are safely accessible. All sampling results will be included in a revised Remedial Investigation Report that will be submitted to the Texas Commission on Environmental Quality (TCEQ).

The table below summarizes the areas that were sampled, the laboratory analyses that were performed, the analyses results and preliminary findings. Please see Figure 1 for the locations of the subject areas.

Site Area	Analyses	No. of Borings/ Samples	Results	Preliminary Findings
Acid Plant Area	pH	2/8	6.97 to 8.764	These results show a neutral to basic range of pH values, suggesting that the soils tested were not impacted by historical acid spills.
Transformer Storage Area	PCBs	2/8	One trace (0.0299 ppm) level detection. All other were non-detected.	These results indicate that there is not a significant issue with PCB contamination of the soils at the site location where transformers with PCB containing oils were stored. The result is significantly less than Texas Risk Reduction Program (TRRP) total soil combined screening criteria for commercial/industrial properties.
Wastewater Treatment Plant Sludge Disposal Area	Metals	1/2	No sludge was found at the locations. The metals results are consistent with slag.	The location did not show the presence of sludge materials. The materials encountered were crystalline slag, which is common throughout the site. The metals results were consistent with slag content.
Bedding Building & Unloading Building Area	VOCs, SVOCs and Metals	7/26	VOCs – Low level and trace level detections found in Bedding Building area; Not detected in Unloading Building area SVOCs – Not detected in either building area with the exception of one compound at trace levels in one boring. Metals – Found at similar concentrations and types as expected on a smelter site.	The VOC and SVOC detections were observed at very low level concentrations. The detections were compared to TRRP total soil combined screening criteria for commercial/industrial properties. The low level VOC and SVOC detections in the Bedding and Unloading Buildings samples were significantly less than the applicable TRRP values. Concentrations do not indicate significant impacts from ENCYCLE waste material are present. The metals results at the Bedding and Unloading Buildings appear to be similar to concentrations observed at the site with elevated metals concentrations. Several metals (e.g., mercury, silver, molybdenum, and cobalt) are likely associated with the ores and concentrates processed at the site.

Notes: PCBs = Polychlorinated Biphenyls; VOCs = Volatile Organic Compounds; SVOCs = Semivolatile Organic Compounds