

**ASARCO - AUGUST 3 & 4 2009 SPLIT SAMPLING EVENT**

Revision 3 dated: 07/16/2009

	Sample #	Sample Location	Rationale	Analysis	TICs?	
Groundwater	Facility	EP-96	northeast across I-10	Upgradient from the facility	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-129	northeast across I-10	Upgradient from the facility	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-126	Near Acid tank farm	High Chromium Reading	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-81	east of W Paisano Dr, north end of site	North end of the plume	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-51	Near Contop	High Chromium Reading	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-49	East of W Paisano Dr near the acid plant	Highest concentration of arsenic	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
	Along Rio Grande River	EP-80	West of Paisano at north end of Smelter Town	Most upgradient well along Rio Grande	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-112	east of Rio Grande, western most	Adjacent to SEP-11	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-111	east of Rio Grande, west of Canal where American canal dives under railroad	Downgradient from EP-113	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-5	east of Rio Grande, west of Canal, just south of where Canal appears	Downgradient from EP-111	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-6	south end of site, east of Rio Grande, west of Canal	Downgradient from EP-5	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-7	south end of site, east of Rio Grande, west of Canal	Downgradient from EP-6	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
	Along American Canal	EP-62	Adjacent to American Canal at Smelter Town	Most upgradient well along American Canal	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		RP-29	Adjacent to American Canal	Higher Chromium reading	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-66	Adjacent to American Canal at Smelter Town	Downgradient from EP-62 along American Canal	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-35	Adjacent to American Canal and east of Paisano Drive	Downgradient from Repository cell # 1	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-20	Adjacent to American Canal and east of Paisano Drive	Downgradient from Detention Pond	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		EP-71	Adjacent to American Canal and east of Paisano Drive	to test for VOCs, SVOCs, Hg and other metals	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
EP-110		southmost, east of Canal	South end of the plume	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes	
Surface Water	Rio Grande	SEP-9	Rio Grande north end at bridge	Upstream from the facility	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		SEP-11	Rio Grande middle	Adjacent to EP-112	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		SEP-4	Rio Grande south end of site	Downstream from the facility	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
	American Canal	SEP-7	start of American Canal	Upstream from the facility	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes
		SEP-3	End of American Canal	Downstream from the facility	8260, 8270, 6020, 7470A (Hg) & 7196A* (Cr VI)	yes

\* Note: Samples for Cr-VI must be analyzed within 24 hours of collection, so sample must ship overnight every day.