

**Figure 16**  
**Remedial Action Objectives and Associated General Response Actions**  
**Pemaco Superfund Site, Maywood, California**

MEDIA	REMEDIAL ACTION OBJECTIVES	GENERAL RESPONSE ACTIONS
Surface and Near Surface	For Human Health: Prevent risk of exposure to groundwater having carcinogenic contaminants of concern in excess of ARARs (Table 2.3), a total excess cancer risk for all contaminants of greater than 10E-4 to 10E-6, and a non-carcinogenic threshold value greater than 1.0.	No Action Institutional Action Containment Removal <i>Ex-Situ</i> Treatment Disposal
	For Human Health: Prevent migration of COCs to perched groundwater at a rate that would cause groundwater to exceed ARARs.	
Upper Vadose Zone	For Human Health: Prevent risk of exposure to groundwater having carcinogenic contaminants of concern in excess of ARARs (Table 2.3), a total excess cancer risk for all contaminants of greater than 10E-4 to 10E-6, and a non-carcinogenic threshold value greater than 1.0.	No Action Institutional Action Removal/Collection Treatment Disposal
	For Human Health: Prevent migration of COCs to perched groundwater at a rate that would cause groundwater to exceed ARARs.	
	For Human Health: Prevent further offsite migration of COCs onto adjacent properties.	
Perched Groundwater	For Human Health: Prevent risk of exposure to groundwater having carcinogenic contaminants of concern in excess of ARARs (Table 2.3), a total excess cancer risk for all contaminants of greater than 10E-4 to 10E-6, and a non-carcinogenic threshold value greater than 1.0.	No Action Institutional Action Containment Removal Treatment Disposal
	For Human Health: Prevent further offsite migration of COCs onto adjacent properties.	
	For Environmental Protection: Prevent migration of COCs to Exposition groundwater zones at rates that would cause groundwater to exceed ARARs.	
	For Environmental Protection: Restore groundwater quality to ARARs (Table 2.3) or to local background groundwater quality.	
Lower Vadose Zone	For Human Health/Environmental Protection: Prevent migration of COCs to Exposition groundwater zones at rates that would cause groundwater to exceed ARARs.	No Action Institutional Action Treatment
Exposition Groundwater	For Human Health: Prevent risk of exposure to groundwater having carcinogenic contaminants of concern in excess of ARARs (Table 2.3), a total excess cancer risk for all contaminants of greater than 10E-4 to 10E-6, and a non-carcinogenic threshold value greater than 1.0.	No Action Institutional Action Containment Removal/Collection Treatment Disposal
	For Human Health: Minimize further migration of COCs.	
	For Human Health: Prevent migration of COCs to local production wells.	
	For Human Health: Prevent migration of COCs to deeper Exposition groundwater zones at rates that would cause groundwater to exceed ARARs.	
	For Environmental Protection: Restore groundwater quality to ARARs (Table 2.3) or to local background groundwater quality.	