Table 3.0. Summary of Retained Process Options
Pemaco Superfund Site, Maywood, California

Remediation Zone	Media	Retained Process Options	
Surface and Near-Surface Soil Remediation Zone	Surface and Near-surface Soil	• No Action • Monitoring • Grading • Revegetation • Clay/Synthetic Membrane	• Soil Cover • Excavation (Backhoe) • Soil Washing • Backfill • Landfill
Upper Vadose Soil and Perched Groundwater Remediation Zone	Upper Vadose Soil	• No Action • Monitoring • Vapor Extraction • Oxidation/Reduction • Reductive Dechlorination	• Anaerobic • Electrical Resistance Heating • Excavation (Backhoe) • Soil Washing • Backfill
	Perched Groundwater	• No Action • Monitoring • Permeable Reactive Barrier • Pumping Wells • Dual-Phase Extraction	• Vapor Extraction • Oxidation/Reduction • Electrical Resistance Heating • Aerobic/Anaerobic (Bioremediation)
	Ex-Situ Groundwater	• Adsorption with GAC • Air Stripping • UV Oxidation	• Sewer System Discharge • Surface Water Discharge • Deep Well Injection
	Ex-Situ Vapor	• Adsorption with GAC • Catalytic Oxidation • Thermal Oxidation	
Lower Vadose Soil and Exposition Groundwater Remediation Zone	Lower Vadose Soil	• No Action • Monitoring • Vapor Extraction • Oxidation/Reduction	• Reductive Dechlorination • Anaerobic • Electrical Resistance Heating
	Exposition Groundwater	• No Action • Monitoring • Permeable Reactive Barrier • Pumping Wells • Dual-Phase Extraction	• Vapor Extraction • Oxidation/Reduction • Electrical Resistance Heating • Aerobic/Anaerobic (Bioremediation)
	Ex-Situ Groundwater	• Adsorption with GAC • Air Stripping • UV Oxidation	• Sewer System Discharge • Surface Water Discharge • Deep Well Injection
	Ex-Situ Vapor	• Adsorption with GAC • Catalytic Oxidation • Thermal Oxidation	