

Table 1 - Timing, Objectives, and Description of Mining and Restoration Activities

Phase	Project Area	Project Objectives	Project Activities
Phase 1 (Years 1-3)	Salinas River South Floodplain Restoration Area (14.4 ac)	<ul style="list-style-type: none"> • Extract, process, and sell sand/gravel aggregate. • Restore physical processes to support self-sustainable, actively regenerating riparian habitat. • Convert upland, ruderal habitat to high quality riparian habitat within USACE, RWQCB, and CDFW jurisdiction. • Decrease flow velocities in the channel for migrating steelhead. 	<ul style="list-style-type: none"> • Grade an existing 14-ac floodplain area dominated by ruderal vegetation to a lower elevation that is more frequently inundated by flows during fish migration and closer to the groundwater table. • Restore native riparian vegetation via a combination of active revegetation (e.g., planting, seeding, irrigation, weed control) and natural recruitment. • Install engineered log jams on floodplain to promote habitat heterogeneity. • Work will occur 15 April through 15 October.
Phase 1 (Years 1-3) Phase 2 (Years 4-9) Phase 3 (Years 10-30)	Salinas River In- stream Mining Area (23.5 ac)	<ul style="list-style-type: none"> • Extract, process, and sell sand/gravel aggregate. • Maintain suitable steelhead migration conditions through the reach. • Maintain adequate bedload sediment bypass (i.e., not less than 50% of the average annual sediment inflow). • Avoid reach-scale geomorphic impacts. 	<ul style="list-style-type: none"> • Excavate/extract alluvium to 2 ft below existing grade of channel bed. • Grade pilot channel for low-flow confinement within the mined area. • Extend pilot channel downstream to provide drainage of the mined area to avoid stranding fish. • In-stream mining will be repeated in Phases 2 and 3 at a frequency driven both by market demand for material and replenishment of aggregate within in-stream mining area. • Work will occur 15 June through 15 October.

Table 1 (continued) - Timing, Objectives, and Description of Mining and Restoration Activities

Phase	Project Area	Project Objectives	Project Activities
Phase 2 (Years 4-9)	Salinas River North Floodplain Restoration Area (20.0 ac)	<ul style="list-style-type: none"> • Extract, process and sell sand/gravel aggregate. • Improve steelhead passage suitability through the Salinas River by reducing flow velocities. • Restore physical processes to support self-sustainable, actively regenerating riparian habitat. • Convert upland ruderal habitat and medium quality riparian habitat to high quality riparian habitat. 	<ul style="list-style-type: none"> • Grade an existing approximately 20-ac floodplain area to a lower elevation that is more frequently inundated by flows during fish migration and closer to groundwater table. • Construct an approximately 5.05-ac geomorphically stable side-channel through the excavated floodplain. Install engineered log jams on finished floodplain to promote habitat heterogeneity. • Restore native riparian vegetation via a combination of active revegetation (planting, seeding, irrigation, and weed control) and natural recruitment. • Work will occur 15 April through 15 October; the grading to connect the floodplain side-channel to the main stem of the Salinas River will occur 15 June through 15 October to avoid the steelhead migration.
Phase 2 (Years 4-9) Phase 3 (Years 10-30)	Vineyard Creek In-stream Mining Area (7.2 ac)	<ul style="list-style-type: none"> • Maintain flood conveyance under Indian Valley Road Bridge. • Extract, process, and sell sand/gravel aggregate. 	<ul style="list-style-type: none"> • Grade Vineyard Creek bed and banks to meet new base level elevation established within the North Floodplain. Mining depths are up to 16 ft lower than existing grades. • Install control structure at the foot of the bridge, as necessary, to prevent undermining of Indian Valley Road Bridge. • In-stream mining will be repeated as necessary to maintain design grade and flood conveyance. • Work will occur 15 April through 15 October; however, work will not occur in this work window if water is flowing in the channel.