

Attachment 1. Mitigation summary table

Affected habitat type, location, and duration	Anticipated impact timing	Affected area acre	Proposed mitigation ratio	Affected area times ratio acre	Mitigation location	Anticipated mitigation timing	Mitigation action
California Coastal Commission (CCC) jurisdictional wetlands – adjacent to discharge canal (permanent; CCC1 & CCC2 on Figure 4)	Spring 2014	0.10	1:1	0.10	Mit-6	Following decommissioning; concurrent with creation of Mit-1 - 2018	Creation: Create 0.10 acre of CCC jurisdictional wetland
United States Army Corps of Engineers (USACE) jurisdictional wetlands – adjacent to discharge canal (permanent; W1 & W2 on Figure 4)	Spring 2014	0.14	1:1	0.14	Mit-6	Following decommissioning; concurrent with creation of Mit-1 - 2018	Creation: Create 0.14 acre of USACE jurisdictional wetland
Waters of the U.S. – intake canal surface water (temporary – five months)	2018 or sooner ¹	0.90	1:1	0.90	Intake canal	Immediately following disturbance – 2018 or sooner ¹	Restoration: Restore to pre-project conditions or better
Waters of the U.S. – Humboldt Bay coffer dam surface water (temporary – five months)	Summer 2014	0.25	1:1	0.25	Humboldt Bay	Immediately following disturbance – Fall 2014	Restoration: Restore to as close as possible to pre-project conditions

Affected habitat type, location, and duration	Anticipated impact timing	Affected area acre	Proposed mitigation ratio	Affected area times ratio acre	Mitigation location	Anticipated mitigation timing	Mitigation action
Eelgrass – intake canal (temporary – five months)	2018 or sooner ¹	0.07	4:1	0.30	Intake canal/ Alpha Road parking area	Immediately following disturbance – 2018 or sooner ¹	Restoration: Plant 0.30 acre of eelgrass in the intake canal; creation of 0.10 acre of unplanted eelgrass habitat
Eelgrass – discharge canal (permanent)	Spring 2014	0.019	4:1	0.08	Intake canal/ Alpha Road parking area	2018 or sooner ¹	Restoration: Plant an additional 0.08 acre of eelgrass in the intake canal; creation of 0.10 acre of unplanted eelgrass habitat
Waters of the U.S. – discharge canal surface water (permanent)	Spring 2014	0.78	1:1	0.79	Intake canal/ Alpha Road parking area	2018 or sooner ¹	Creation: Create deep water, northern coastal salt marsh, mudflat, and eelgrass habitat connected to the intake canal
Temporary impacts and temporal loss of wetlands, waters, and eelgrass – intake and discharge canal, discharge canal wetlands, and Humboldt Bay coffer dam area surface waters (temporary impacts and temporal loss)	Spring 2014	1.88	3.3:1	6.20	Buhne Slough Salt Marsh	Immediately following disturbance – Summer 2014	Enhancement: Implement an invasive <i>Spartina densiflora</i> (denseflower cordgrass) eradication program

¹ Depending on the parking needs during decommissioning, construction timing, and permitting, the intake canal and Alpha Road parking area mitigation site could begin construction prior to the end of decommissioning.