

Compiled CEQA and Permit Conditions for the Elkhorn Slough Tidal Marsh Restoration Project

Table 1 summarizes the avoidance, minimization, and mitigation measures and permit terms and conditions required to implement the Elkhorn Slough Tidal Marsh Restoration Project (project). Specifically, Table 1 provides a summary all avoidance, minimization, and mitigation measures provided in the Mitigation, Monitoring, and Reporting Program (MMRP) for the project, as well as each term, condition or measure provided in a federal, state, or local permit; the source document(s) the measure is summarized from; when the measure is required to be implemented (i.e., before, during, and/or after construction); and who is responsible for implementing the measure.

The information in Table 1 is intended to provide an overview of project requirements. Clarification on how or when a measure should be implemented should be derived from the source document(s). **A copy of all final permit applications must be maintained by the construction contractor at the project site throughout construction.**

Source documents referenced in Table 1 include the following:

- Initial Study / Mitigated Negative Declaration (IS/MND) for the Elkhorn Slough Tidal Marsh Restoration Project, July 2015 (State Clearinghouse Number 2015071023)
- U.S. Army Corps of Engineers (USACE), Nationwide Permit (NWP) Verification (File No. 2014-00395S), February 15, 2017 – Agency Contact: Greg Brown, (415) 503-6791, Gregory.g.brown@usace.army.mil
- Central Coast Regional Water Quality Control Board (RWQCB), 401 Water Quality Certification (WQC) (Cert No. 32716WQ09), July 25, 2016 – Agency Contact: Kim Sanders, (805) 542-4771, kim.sanders@waterboards.ca.gov
- National Marine Fisheries Service (NMFS) Incidental Harassment Authorization (IHA) for Harbor Seal, Issued: March 30, 2017, **Valid: August 1, 2017 to July 31, 2018** – Agency Contact: Stephanie Egger, (301) 427-8401, stephanie.egger@noaa.gov.
- NMFS Endangered Species Act (ESA) Concurrence Letter and Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat (EFH) Response (LOC) (NMFS No. WCR-2016-4161), February 24, 2016 – Agency Contact: Brian Meux, (707) 575-1253, brian.meux@noaa.gov
- U.S. Fish and Wildlife Service (USFWS) IHA for Southern Sea Otter (IHA-17-01), Issued: June 15, 2017, **Valid: August 1, 2017 through July 31, 2018** – Agency Contact: Lilian Carswell, (805) 677-3325, lilian_carswell@fws.gov
- USFWS Biological Opinion (BO) (O8EVENOO-2016-F-0226), October 24, 2016 – Agency Contact: Jacob Martin, (831) 768-6953, Jacob_Martin@fws.gov
- California Department of Fish and Wildlife (CDFW) Lake or Streambed Alteration Agreement (LSA) (LSA No. 1600-2016-0095-R4), October 19, 2017 – Agency Contact: Carrie Swanberg, (559) 243-4014, x 246, carrie.swanberg@wildlife.ca.gov.

Notes:

- The California Coastal Commission issued a Coastal Development Permit (CDP) Waiver (3-16-0030-W) for the project on July 27, 2016.

- The California Office of Historic Preservation concurred with the USACE recommendations specific to cultural resource protection on August 11, 2016 (COE_2016_0201_001).

Table 1. Elkhorn Slough Tidal Marsh Restoration Project – Compiled CEQA and Permit Conditions

MEASURE	SOURCE DOUCMENT	TIMING	RESPONSIBILITY			
			LANDOWNER (CDFW/ESF)	CONSTRUCTIO N MANAGER (DU)	CONTRACTO R	TECH SPECIALIST
WATER QUALITY						
Establish erosion and sediment control measures on site prior to construction and keep available on site at all times in anticipation of rain events. Implement and maintain washout, trackout, dust control, and any other applicable source control BMPs in accordance with all specifications governing their proper design, installation, operation, and maintenance. To minimize the risk of ensnaring and strangling wildlife, only use erosion control materials composed entirely of natural biodegradable materials.	RWQCB-PR 3, PR 4, and PR 5; CDFW LSA AMM 2.8(a)	Before, during		Verify	Implement	
Cover stockpiled material not actively used and surround with linear sediment barrier.	RWQCB-PR 6; CDFW LSA AMM 2.7(b)	Before, during		Verify	Implement	
Isolate the work area from the tides using temporary berms to allow placement of fill at all tidal stages. Construct temporary berms from onsite materials installed at lowest predicted tides and/or sheetpiles. Dewater work area using a combination of pumps and passive drainage. Discharge pumped water into marsh adjacent to and outside the work area using a diffuser or other energy dissipation device, or into open water of Elkhorn Slough.	IS/MND Project Description; NMFS LOC; CDFW LSA Project Description and AMM 2.10(a)-(b), (d)	During		Verify	Implement	
During construction of the pilot project, monitor turbidity levels in accordance with the LSA.	CDFW LSA AMM 2.11(a)-(b)	During		Verify	Implement	
Use low-pressure ground equipment (LGP) or mats when constructing in the marsh, to the extent possible.	IS/MND Project Description; CDFW LSA Project Description	During		Verify	Implement	
Protect existing slough channels in place, to the extent feasible. Channel protection options, which include straw bales and silt fence, are provided on Sheet C-501 of the permit plan set Enclosure 1 to the USACE permit application.	USACE (Enclosure 1); IS/MND Project Description	During		Verify	Implement	
Construct channels to drain towards the closest existing channel at an approximate max slope of 0.5%.	USACE (Enclosure 1)	During		Verify	Implement	
All sediment and soils stockpiled onsite shall be sloped at an angle not steeper than 1.5:1 unless otherwise approved by a geotechnical engineer.	IS/MND GEO-1	During		Verify	Implement	
Minimize land disturbances that will adversely impact water quality. Vegetation disturbance and removal shall not exceed the minimum necessary. No trees shall be removed or cut.	RWQCB-PR 2; CDFW LSA AMM 2.5(a)	During		Verify	Implement	
Seed floodplain areas outside of marsh restoration area where vegetation is removed with a sterile cover crop to prevent erosion.	CDFW LSA AMM 2.8(b)	After	Implement			
Visually monitor the project site and adjacent area following construction and for one subsequent rainy season to ensure project is not causing excessive erosion or other water quality problems. Contact RWQCB if project causes water quality problems.	RWQCB-MRR 1	After (1 rainy season after)	Implement			
AIR QUALITY						
Minimize dust by watering all active construction areas and haul routes.	IS/MND AIR-1	Before, during		Verify	Implement	
Cover all trucks hauling soil, sand, and other loose materials with tarpaulins or other effective covers.	IS/MND AIR-1	During		Verify	Implement	
Maintain at least 2-feet of freeboard on haul trucks.	IS/MND AIR-1	During		Verify	Implement	
Limit traffic speeds along the unpaved haul route to 15 miles per hour.	IS/MND AIR-1	During		Verify	Implement	

Prohibit all grading activities during periods of high wind (over 15 mph).	IS/MND AIR-1	During		Verify	Implement	
Cover or seed inactive storage piles.	IS/MND AIR-1	Before, during		Verify	Implement	
Post a publicly visible sign which specifies the telephone number and person to contact regarding dust complaints. Include phone number of the Monterey Bay Unified Pollution Control District (Nuisance). Respond to complaints and take corrective action within 48 hours.	IS/MND AIR-1	Before, during		Implement		
Limit the area under construction at any one time.	IS/MND AIR-1	During		Verify	Implement	
Seed disturbed upland areas as soon as possible.	IS/MND AIR-1	After	Implement			
BIOLOGICAL RESOURCE MANAGEMENT						
Complete pre-activity surveys for potential rare, listed, or other sensitive species within 30 days prior to commencement of project activities. Surveys to be completed by qualified biologist and to include work areas and access routes.	CDFW LSA AMM 2.3(a)	Before		Verify		Qualified Biologist - Implement
Conduct a pre-construction survey for CTS and CRLF within 5 days prior to vegetation removal, stockpile placement, or disturbance of topsoil AND immediately prior to disturbance. If a listed species is observed, the biologist should attempt to passively guide the individual out of the construction work area of its own volition. If unsuccessful, biologist shall relocate the animal per USFWS-approved Relocation Plan.	USFWS BO-3; CDFW LSA AMM 2.3(b)(3)	Before, during	Identify Biologist			Qualified Biologist - Implement
Time construction activities to avoid the peak of the pupping season for sea otters (March and April) and harbor seals (May).	IS/MND BIO-1a; USFWS BO SEC. 5.3.8	Before	Verify			
Avoid nesting season disturbance by timing construction to occur between September 1 and January 31, if feasible. If not feasible, complete preconstruction surveys and implement buffer zones.	IS/MND BIO-2a; CDFW LSA AMM 2.4(c)	Before	Verify			
Train all construction personnel on how to avoid effects on marine mammals, amphibians, other special-status species, and water quality before starting work. Make personnel aware of permits, terms and conditions applicable to project. If new construction personnel are added to the project, the contractor shall ensure the personnel receive the mandatory training before starting work. Follow-up training for water quality BMPs shall be conducted every 6 months until the project is completed.	IS/MND BIO-1b; RWQCB-PR 1; NMFS IHA-3(f) and 4(b) (Monitoring); USFWS BO-1 (p7); USFWS IHA-6(a); CDFW LSA Admin Measure 1.7	Before, during	Identify Biologist	Verify	Participate	Qualified Biologist - Implement
Identify the limits of all "work areas" using brightly colored flagging that is maintained for the duration of the project. Avoid disturbance outside work areas.	CDFW LSA AMM 2.2	Before, during		Verify	Implement	
Ensure that construction only occurs during daylight hours (i.e., sunrise to sunset) when visual marine mammal monitoring can be implemented.	NMFS IHA-4(a) (Mitigation); USFWS IHA-6(e); USFWS BO-10; CDFW LSA AMM 2.1	During		Verify	Implement	
To reduce the potential for fish to become entrained in isolated ponded areas, isolate the work area and block the tidal channels at low tides. Allow fish to leave the work area as water naturally drains. Incorporate a pipe or other one-way tide gate into berm to allow fish present in remaining surface water to exit work area with draining water.	IS/MND Project Description; CDFW LSA AMM 2.4(a)	During		Verify	Implement	
Conduct pile driving at low tide, to the extent practicable, to minimize underwater sound impacts. Sheet pile installation to last no more than 9 days, with piles installed over a maximum distance of 170 feet and driven to a depth of approximately 20 feet. Drive piles using vibration (versus impact hammer).	NMFS LOC; CDFW LSA Project Description	During		Verify	Implement	
Prior to commencement of new activities during the breeding season (February 1 to August 31), a qualified biologist shall conduct pre-construction surveys for nesting birds. Pre-construction surveys to be completed no earlier than 7 days prior to the initiation of new disturbance in any given area, and shall encompass all potential nesting habitats in the project area, and should include search radii corresponding to disturbance free buffer zones (i.e., 500-feet for non-listed raptors and 250 feet for non-raptors (where such areas are	IS/MND BIO-2b; CDFW LSA AMM 2.4(c)	Before	Identify Biologist	Coordinate		Qualified Biologist - Implement

accessible).						
Establish appropriate disturbance-free buffer zones around any active nests found in the vicinity of the project area. Monitor bird behavior to determine if construction within 100 feet of these nests are likely to result in abandonment of nest. If deemed safe, construction may proceed. Nesting deterrence, such as removal of vegetation or incomplete nests with no eggs or young, may be implemented by qualified biologists to minimize the potential for nesting birds to constrain project activities. See IS/MND BIO-2C and LSA AMM 2.4(c) for specific monitoring protocols.	IS/MND BIO-2c; CDFW LSA AMM 2.4(c)	Before, during	Identify Biologist			Qualified Biologist - Implement
All marine mammal monitoring must be completed by a qualified biologist (or protected species observer [PSO] approved by NMFS and USFWS. See NMFS IHA-4(a) (Monitoring) for qualification requirements. The biologist may not be responsible for other construction-related tasks while monitoring, and shall be provided the equipment necessary to effectively monitor (i.e., record species, behaviors, and responses to activities).	NMFS IHA-4(a), IHA-4(b)(i), IHA-4(b)(ii) (Monitoring)	During	Identify Biologist	Verify		Qualified Biologist - Implement
Biological monitor will be present during all initial ground disturbance or initial placement of stockpile material to monitor for the potential presence of CTS and CRLF.	USFWS BO-4; CDFW LSA AMM 2.3(b)(5)	Before, during	Identify Biologist			Qualified Biologist – Implement
Biological monitor will inspect roadways for CRLF and CTS in the morning prior to, during, and within 24 hours after rain events. If individuals are present, biologist shall allow the animal to leave on its own volition or shall relocate the animal per approved Relocation Plan.	USFWS BO-5; CDFW LSA AMM 2.3(b)(6)	During	Identify Biologist			Qualified Biologist – Implement
Cease construction in immediate vicinity if any life stage of CTS or CRLF are found by the biological monitor or construction personnel within the work areas. Resume construction after the individual moves on its own (if possible) or has been relocated (as detailed in an approved Relocation Plan) from the work area.	USFWS BO-6	During	Identify Biologist			Qualified Biologist – Implement
At least one stable escape ramp constructed of earthen fill or wooden boards with no steeper than a 1:1 slopes shall be placed in excavated areas deeper than 6-inches and with slopes greater than 30 degrees.	CDFW LSA AMM 2.3(b)4)	During		Verify	Implement	
Begin construction activities gradually (e.g., move around the project area and start equipment sequentially), to avoid startling marine mammals with sound. Biological monitors will have authority to stop construction if marine mammals appear severely distressed or in danger of injury.	NMFS IHA-4(b) (Monitoring); USFWS IHA-6(c) and 7(c); USFWS BO-8; CDFW LSA AMM 2.3(c)(1) and 2.3(c)(3)	During	Identify Biologist	Verify	Implement	Qualified Biologist – Oversee
Biological monitoring will start ½ hour prior to start of construction and end ½ hour after construction and shall ensure adherence to suitably-sized disturbance-free buffer zones. Complete observations of the number, type(s), location(s) and behavior(s) of marine mammals. Monitor shall have the authority to stop project activities to prevent marine mammal harassment, or if marine mammals enter the exclusion zone during construction.	IS/MND BIO-1a, 1-c; RWQCB-PR 2; NMFS IHA-4(b)(iii) and IHA-4(b)(v) (Monitoring); USFWS BO-7; USFWS IHA-6(d) and IHA-7(f); CDFW LSA AMM 2.3(c)(3)	Before, during	Identify Biologist			Qualified Biologist – Implement
Monitoring protocols for marine mammals shall be implemented at all times when work is occurring: 1) in-water; 2) north of a line starting at 36° 48'38.91 N 121° 45'08.03 W and ending 36° 48'38.91 N 121° 45'27.11 W; or 3) within 100 feet of tidal waters. When work is occurring in other areas, the monitoring protocols shall be implemented for the first 3 days of construction and anytime there is a significant change in activities or location of construction activities within the project area. If disturbance is noted at any time, then monitoring shall continue until there are 3 successive days of no disturbance. If there is a gap in construction activities of more than one week, the monitoring protocols shall again be implemented for the first three days that construction resumes. See NMFS IHA-4(b)(iv) (Monitoring) for specific data collection requirements.	NMFS IHA-4(b)(iv) (Monitoring); USFWS IHA-7(a)-(b); USFWS BO-7	During	Identify Biologist			Qualified Biologist – Implement
An exclusion zone (shutdown zone) of 15m shall be established during pile driving. Pile extraction or driving shall not commence (or re-commence following shutdown) until	NMFS IHA-4(d)(Mitigation); USFWS IHA-7(d); CDFW LSA AMM 2.3(c)(4)	During		Verify	Implement	Qualified Biologist -

marine mammals are not sighted within the exclusion zone for a 15-minute period. If a marine mammal enters the exclusion zone during sheet pile work, work shall stop until the animal leaves the exclusion zone or until 15 minutes have elapsed without observation of the animal within the zone.						Oversee
If sheet piles are used to isolate construction activities from tidal action, a vibratory pile driver shall be used and an exclusion zone would be implemented. The radius of the exclusion zone would be set at a minimum of 49-feet diameter to assure compliance with the interim criteria for Sound Exposure Levels (SEL). Do not commence pile extraction or driving until marine mammals are not sighted within the exclusion zone for a 15-minute period. If a marine mammal enters the exclusion zone during sheet pile work, work shall stop until the animal leaves the exclusion zone	USFWS IHA-6(f); USFWS BO-11; CDFW LSA Project Description	During	Identify Biologist	Verify	Implement	Qualified Biologist – Oversee
Allow marine mammal to leave on their own volition if present within work area. If animal flushing is necessary, coordinate with NMFS or USFWS to ensure presence of government official during flushing. If a pup less than one week old comes within 20 meters of working heavy machinery, delay construction until the pup has left the area. If pup doesn't leave, consult with NMFS and/or USFWS to determine course of action.	NMFS IHA-4(b) and IHA-4(c) (Mitigation); USFWS BO-11; USFWS IHA-6(g); CDFW LSA AMM 2.3(c)(5)	During	Identify Biologist	Verify	Implement	Qualified Biologist – Oversee
The biological monitor shall have the authority to stop project activities if take exceeds the type or level of take anticipated. See USFWS IHA-3 for a listing of authorized take of southern sea otter.	USFWS IHA-7(d)	During	Identify Biologist	Verify		Qualified Biologist - Oversee
Monitor for fish, to the extent feasible, including listed species that may occur within the project site.	IS/MND BIO-1c	Before, during	Identify Biologist	Verify		Qualified Biologist - Implement
CULTURAL RESOURCE MANAGEMENT MEASURES						
Train all personnel before project start, outlining procedures to follow if an archaeological resource is unearthed or discoveries of human remains.	IS/MND CUL-1	Before	Identify Archaeologist			Qualified Archaeologist – Implement
If improvements to the access road in restoration area are proposed, establish an Archaeologically Sensitive Area around site CA-MNT-2432 and monitor all work in the area. The State site record shall be updated with the resulting information.	IS/MND CUL-1; USACE No. 4	Before, During	Identify Archaeologist			Qualified Archaeologist – Implement
If prehistoric or historic-period archaeological resources are encountered, all construction activities within 100 feet shall halt and USACE shall be notified. A qualified archeologist shall review the site with 24 hrs of discovery.	IS/MND CUL-2	During	Identify Archaeologist			Qualified Archaeologist – Implement
Consult qualified paleontologist if paleontological resources (e.g., fossilized bone, teeth, shell, tracks, trails, casts, molds, or impressions) are discovered during ground-disturbing activities. All ground disturbing activities within 100 feet of the find shall be halted until a qualified paleontologist can assess the significance of the find and, if necessary, develop appropriate salvage measures.	IS/MND CUL-3	During	Identify Archaeologist / Paleontologist			Qualified Archaeologist - Implement
Contact County Coroner, if human remains are encountered. No further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition. If the remains are determined to be of Native American descent, the coroner has 24 hours to notify the Native American Heritage Commission.	IS/MND CUL-4	During	Oversee	Verify		Qualified Archaeologist – Implement
Following completion of the project, inspect site CA-MNT-2432 and the general vicinity to ensure that no project-related site disturbance occurred during implementation. The State record shall be updated.	IS/MND CUL-1	After	Identify Archaeologist			Qualified Archaeologist – Implement
HAZARDS AND HAZARDOUS MATERIALS MANAGEMENT						
Wash and dry all equipment (hand tools, mechanical devices) prior to entering work area to	CDFW LSA AMM 2.6(a) and 2.6(e)	Before		Verify	Implement	

prevent movement of invasive species. Inspect equipment for invasive species prior to use onsite.						
Designate staging areas for equipment and vehicle fueling, storage, and maintenance at least 100 feet from waterways, in a location where fluid or accidental discharges cannot flow into waterways. Stationary equipment located adjacent to a stream shall be positioned over drip paans.	RWQCB-PR 10 & PR-11; USFWS BO-13; USFWS IHA-6(h); CDFW LSA AMM 2.6(c)	Before, during		Verify	Implement	
Maintain all vehicles onsite and check daily for fuel, oil, and hydraulic fluid leaks or other problems that could result in spills of toxic materials.	RWQCB-PR 9; CDFW LSA AMM 2.6(b)	During		Verify	Implement	
Prevent raw cement, concrete, asphalt, drilling fluids or lubricants, paint, oil or other petroleum products from contaminating the soil and/or entering waters.	CDFW LSA AMM 2.9(b)	During		Verify	Implement	
Confine all trash and debris in closed bins and dispose of at an approved site at least weekly.	RWQCB-PR 8	During		Verify	Implement	
In the event of a release or spill of hazardous material, the contractor shall cease work, implement the "Preliminary Spill Prevention and Clean-up Plan", and notify the Monterey County Health Department and CDFW Elkhorn Office. The RWQCB and CDFW shall also be immediately notified of a spill and consulted regarding clean-up procedures.	IS/MND HAZ-1; RWQCB Adm. Condition No. 9, RWCB-PR 7; CDFW LSA AMM 2.9(c)	During		Verify	Implement	
Contaminated soils shall be excavated, tested, and disposed of, as appropriate, at a licensed disposal facility.	IS/MND HAZ-1	During		Verify	Implement	
Remove and clear all construction-related equipment, materials, and any temporary BMPs no longer needed from the site upon project completion.	RWQCB-PR 13	After		Verify	Implement	
REPORTING						
Prepare a Construction Traffic Control Plan prior to construction for review by the Monterey County Public Works and Planning Department and California DOT.	IS/MND Trans-1	Before	Verify	Implement		
Obtain all permits for work in road right of ways and use of oversized/overweight vehicles.	IS/MND Trans-1	Before	Verify	Implement		
Coordinate with Monterey County Public Works to ensure any imported sediment is substantially completed prior to the County's repaving project of Dolan Road. May need to coordinate repair / repaving of Dolan Road may be required if not possible.	IS/MND Trans-1	Before	Implement			
Notify RWQCB if mitigations in Cert. No. 32716WQ09 are altered by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.	RWQCB-PR 14	Before	Implement			
Submit detailed dewatering/diversion plans to the RWQCB at least 21 days prior to any dewatering or diversion. Dewatering and diversion shall not commence until applicant has obtain RWQCB approval of the plan.	RWQCB-PR 12	Before (21 days)	Submit	Develop		
Submit final design plan specification of berm to CDFW no more than 1 week prior to the start of construction. Email to project contact and R4LSA@wildlife.ca.gov .	CDFW LSA AMM 2.10(c), Reporting Measure 3.2	Before (7 days)	Submit	Develop		
Request approval in writing of qualified biologist from USFWS and NMFS at least 30 days prior to the initiation of activities. Submit approved biologists to CDFW prior to start of project activity.	USFWS BO-RPM1; CDFW LSA AMM 2.3(b)(1) and 2.3(c)(2), Reporting Measure 3.2	Before (30 days)	Submit			
Submit a work schedule to CDFW prior to beginning construction. Email to project contact and R4LSA@wildlife.ca.gov .	CDFW LSA Admin Measure 1.7, Reporting Measure 3.2	Before	Implement			
Submit reports of pre-activity surveys to CDFW 1-week prior to the start of construction, including results of surveys for nesting birds if applicable. Email to project contact and R4LSA@wildlife.ca.gov .	CDFW Reporting Measure 3.2	Before (7 days)	Implement			
Notify RWQCB at least 7 days in advance of any ground disturbing or grubbing activities. Submit notification with start date to RB3_401Reporting@waterboards.ca.gov .	RWQCB -MRR 2	Before (7 days)	Implement			

Notify the Southern Sea Otter Recovery Coordinator at least 48 hours prior to the start of construction activities (805-677-3325).	USFWS IHA-4	Before (48 hours)	Implement			
Prepare a CRLF and CTS Relocation Plan for USFWS approval 30 days before construction begins. The Relocation Plan should include relocation methods, relocation site(s), and post-relocation monitoring if CRLF or CTS are observed within the construction area. Provide approved plan to CDFW prior to start of construction.	USFWS BO-2, RPM-2; CDFW LSA AMM 2.3.(b)(2) and Reporting Measure 3.2	Before (30 days)	Implement			Qualified Biologist - Assist
Maintain a log that documents numbers of marine mammals present before, during, and at the conclusion of daily activities. Record basic weather conditions and marine mammal behavior.	NMFS IHA-4(b) (Monitoring); USFWS IHA-7(g)	Before, during, after	Verify			Qualified Biologist – Implement
Contact USFWS, Ventura Fish and Wildlife Office at (805) 644-1766 if dead or injured CTS or CRLF found. Initial notification must be within 3 working days. Injured animals should be transported to a qualified veterinarian; the remains of any dead animal must be placed with the California Academy of Science Herpetology Department.	USFWS BO (Reporting)	During	Biologist	Verify		Qualified Biologist – Implement
Contact NMFS, Office of Protected Resources at (301) 427-8401; NMFS West Coast Stranding Coordinator at (562) 980-3230; and USACE, Regulatory Office at (415) 503-6795, if marine mammals or anadromous fish are injured or killed as a result of the project. The finder should leave the animal alone, make note of any circumstances likely causing the death or injury, note the location and number of individuals involved, and, if possible, take photographs. Immediately cease the activity that resulted in injury or harm the protected species until NMFS is able to review the circumstances.	USACE No. 2; NMFS IHA-5(b)(i) through (iii)	During	Biologist	Verify		Qualified Biologist – Implement
Contact the Monterey Bay Aquarium at (831) 648-4840 if dead or injured sea otter and notify USFWS' Sea Otter Recovery coordinator at (805) 612-2793 within 24 hours. Written report must be submitted to USFWS within 3 working days.	USFWS BO (Reporting)	During	Biologist	Verify		Qualified Biologist – Implement
Notify Monterey Bay Aquarium's sea otter 24-hour emergency line (831-648-4840) immediately upon seeing an injured sea otter in the vicinity of the construction site, and the USFWS Soutehr Sea Otter Recovery coordinator within 1 hour of such a sighting. Suspend all activities if construction activities cause of injury or death.	USFWS IHA-8(b)	During	Verify			Qualified Biologist - Implement
Notify CDFW upon completion of construction. Email to project contact and R4LSA@wildlife.ca.gov .	CDFW LSA Admin Measure 1.7	After	Implement			
Notify RWQCB within 7 days of completing construction. Submit notification with end date to RB3_401Reporting@waterboards.ca.gov .	RWQCB -MRR 3	After	Implement			
Submit Final Project Report to CDFW within 30 days of completing project. Report to address protective measures in LSA and to detail relocation of CTS and CRLF, as appropriate. Include photo documentation of the project site before, during, and after construction. Email to project contact and R4LSA@wildlife.ca.gov .	CDFW LSA Reporting Measure 3.2	After	Verify			Qualified Biologist - Implement
Submit a report to NMFS and USFWS within 90 days of the completion of marine mammal monitoring, or 60 days prior to the issuance of any subsequent IHA (if required), whichever comes first. The report shall detail monitoring protocols, summarize the data recorded during monitoring, and contain an estimate of marine mammals that may have been harassed.	NMFS IHA-5(a); USFWS IHA-8(a)	After	Verify			Qualified Biologist - Implement
Submit CTS and CRLF survey and monitoring report to USACE and USFWS within 90 days of project completion.	USFWS BO (Reporting)	After	Verify			Qualified Biologist – Implement
Complete annual monitoring in accordance with the Minhoto Monitoring Plan spreadsheet and RWQCB Certification for a minimum of 10 years. Annual monitoring reports should be submitted to USACE and RWQCB by May 31 of each year following project construction.	USACE No. 5; RWQCB-MRR 5	After	Implement			
Monitor project area for five years and provide reports to various agencies. See RWQCB	RWQCB-MRR 1.2	After	Implement			

Cert. No. 32716WQ09 for details.						
Within 7 days of verification of achievement of success criteria and completion of all monitoring, notify RWQCB in a final Annual Project Status Report. Submit to RB3_401Reporting@waterboards.ca.gov .	RWQCB – MRR 4	After	Implement			