

California Department of Fish and Wildlife
Marine Region
1933 CLIFF DRIVE, SUITE 9
SANTA BARBARA, CA 93109

California Endangered Species Act Incidental Take Permit No. 2081-2020-009-07

#### ALAMEDA MARINA SHORELINE IMPROVEMENT PROJECT

## **Authority:**

This California Endangered Species Act (CESA) incidental take permit (ITP) is issued by the California Department of Fish and Wildlife (CDFW) pursuant to Fish and Game Code section 2081, subdivisions (b) and (c), and California Code of Regulations, Title 14, section 783.0 et seq. CESA prohibits the take1 of any species of wildlife designated by the California Fish and Game Commission as an endangered, threatened, or candidate species.2 CDFW may authorize the take of any such species by permit if the conditions set forth in Fish and Game Code section 2081, subdivisions (b) and (c) are met. (See Cal. Code Regs., tit. 14, § 783.4).

Permittee: Pacific Shops, Inc./Alameda Marina, LLC

Principal Officer: Sean Murphy, Manager

Contact Person: Sean Murphy, (415) 602-8128

Mailing Address: 1815 Clement Ave.

Alameda, CA 94501

## **Effective Date and Expiration Date of this ITP:**

This ITP shall be executed in duplicate original form and shall become effective once a duplicate original is acknowledged by signature of the Permittee on the last page of this ITP and returned to CDFW's Habitat Conservation Planning Branch at the address listed in the Notices section of this ITP. Unless renewed by CDFW, this ITP's authorization to take the Covered Species shall expire on **May 31, 2022**.

Notwithstanding the expiration date on the take authorization provided by this ITP, Permittee's obligations pursuant to this ITP do not end until CDFW accepts as complete the Permittee's Final Mitigation Report required by Condition of Approval 5.7 of this ITP.

Rev. 2020.6.23.

<sup>&</sup>lt;sup>1</sup>Pursuant to Fish and Game Code section 86, "'take' means hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." (See also *Environmental Protection Information Center v. California Department of Forestry and Fire Protection* (2008) 44 Cal.4th 459, 507 [for purposes of incidental take permitting under Fish and Game Code section 2081, subdivision (b), "'take' ... means to catch, capture or kill".)

<sup>&</sup>lt;sup>2</sup>The definition of an endangered, threatened, and candidate species for purposes of CESA are found in Fish and Game Code sections 2062, 2067, and 2068, respectively.

## **Project Location:**

The Alameda Marina Shoreline Improvement Project (Project) is located within the Oakland Inner Harbor Channel along the Oakland estuary, which is located immediately South of the San Francisco-Oakland Bay Bridge within the City of Alameda, Alameda County, at 1815 Clement Avenue (See Figure 1).

## **Project Description:**

The Project includes the redevelopment and improvement of 20.87 acres of the Alameda Marina to address climate resiliency and to rehabilitate the existing marina. Project activities include riprap removal and placement, seawall maintenance, wharf refurbishment, outfall installation, marina reconfiguration, and a boat hoist installation and removal, and other activities associated with mobilization and demobilization.

Piles proposed to be installed include 823 temporary and permanent piles. Types of piles will include concrete (14-24 inches in diameter), sheet piles, wide flange beams, and steel cylindrical piles (30-36 inches in diameter). Piles will be driven with both a vibratory hammer and a sound attenuated impact hammer. The Project will remove approximately 320 piles using vibratory methods. Piles that will be removed consist of 16" timber piles and 12" square concrete piles.

The Project estimates 0.22 acres of new solid fill within the waters of the state primarily from placement of riprap, seawall maintenance and the outfall installation. Project related activities are proposed to occur from August 2020 through May 2022 with some specific activities potentially occurring year round including vibratory pile driving.

## **Covered Species Subject to Take Authorization Provided by this ITP:**

This ITP covers the following species:

Name CESA Status

 Sacramento River Winter-Run Chinook Salmon Endangered<sup>3</sup> (Oncorhynchus tshawytscha)

2. Central Valley Spring-Run Chinook Salmon Threatened<sup>4</sup> (Oncorhynchus tshawytscha)

3. Longfin Smelt (Spirinchus thaleichthys) Threatened 5

These species and only these species are the "Covered Species" for the purposes of this

<sup>&</sup>lt;sup>3</sup>See Cal. Code Regs. tit. 14 § 670.5, subd. (a)(2)(M)

<sup>&</sup>lt;sup>4</sup>See Cal. Code Regs. tit. 14 § 670.5, subd. (b)(2)(C)

<sup>&</sup>lt;sup>5</sup>See Cal. Code Regs. tit. 14 § 670.5, subd. (b)(2)(E)

ITP.

## Impacts of the Taking on Covered Species:

Project activities and their resulting impacts are expected to result in the incidental take of individuals of the Covered Species. The activities described above expected to result in incidental take of individuals of the Covered Species include pile installation, pile removal, seawall maintenance, and riprap removal and placement (Covered Activities).

Incidental take of individuals of the Covered Species in the form of mortality ("kill") may occur as a result of Covered Activities such as hydroacoustic impacts due to pile driving and habitat loss due to overwater shading, and habitat transformation. Pile driving hydroacoustic impacts would result in short-term but repeated impacts during the in-water phases of construction, with potential to harm fish. Impact pile driving of steel and concrete piles could result in significant injury or mortality by exceeding hydroacoustic thresholds (206 db Peak Pressure, 187 db accumulated sound exposure level (SEL), and 183 dB SEL for fish under 2 grams), determined by the multi-agency Fisheries Hydroacoustic Working Group. Incidental take of individuals of the Covered Species may also occur from the Covered Activities in the form of pursue, catch, capture, or attempt to do so of the Covered Species from increased exposure to contaminated sediments and temporary loss of habitat. The areas where authorized take of the Covered Species is expected to occur include: the area within the greater Alameda Marina location from Pier 10 to the East Pier (Figure 2) (collectively, the Project Area).

The Project is expected to cause the permanent loss of 0.22 acres of habitat for the Covered Species, and temporary impacts to 17 acres of habitat for the Covered Species. Impacts of the authorized taking also include adverse impacts to the Covered Species related to temporal losses, increased habitat fragmentation and edge effects, and the Project's incremental contribution to cumulative impacts (indirect impacts). These impacts include: stress resulting from underwater noise and vibrations caused by pile driving, general in-water construction; potential impacts from spills of pollutants (oils, gasoline, diesel, lubricants, etc.), and long-term effects due to permanent habitat loss, increased pollution, increased aquatic vessel traffic, and increased vulnerability to predation.

## **Incidental Take Authorization of Covered Species:**

This ITP authorizes incidental take of the Covered Species and only the Covered Species. With respect to incidental take of the Covered Species, CDFW authorizes the Permittee, its employees, contractors, and agents to take Covered Species incidentally in carrying out the Covered Activities, subject to the limitations described in this section and the Conditions of Approval identified below. This ITP does not authorize take of Covered Species from activities outside the scope of the Covered Activities, take of Covered Species outside of the Project Area, take of Covered Species resulting from violation of this ITP, or intentional take of Covered Species.

## **Conditions of Approval:**

Unless specified otherwise, the following measures apply to all Covered Activities within the Project Area, including areas used for vehicular, aircraft (e.g. helicopter), and vessel ingress and egress, staging and parking, and noise and vibration generating activities that may cause take. CDFW's issuance of this ITP and Permittee's authorization to take the Covered Species are subject to Permittee's compliance with and implementation of the following Conditions of Approval:

- **1. Legal Compliance:** Permittee shall comply with all applicable federal, state, and local laws in existence on the effective date of this ITP or adopted thereafter.
- 2. CEQA Compliance: Permittee shall implement and adhere to the mitigation measures related to the Covered Species in the Biological Resources section of the Environmental Impact Report (SCH No.: 2016102064) certified by the City of Alameda on July 27, 2018 as lead agency for the Project pursuant to the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.).
- 3. ITP Time Frame Compliance: Permittee shall fully implement and adhere to the conditions of this ITP within the time frames set forth below and as set forth in the Mitigation Monitoring and Reporting Program (MMRP), which is included as Attachment 1 to this ITP.

#### 4. General Provisions:

- 4.1. <u>Designated Representative</u>. Before starting Covered Activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with this ITP. Permittee shall notify CDFW in writing before starting Covered Activities of the Designated Representative's name, business address, and contact information, and shall notify CDFW in writing if a substitute Designated Representative is selected or identified at any time during the term of this ITP.
- 4.2. <u>Designated Biologist</u>. Permittee shall submit to CDFW in writing the name, qualifications, business address, and contact information of a biological monitor (Designated Biologist) at least 30 days before starting Covered Activities. Permittee shall ensure that the Designated Biologist is knowledgeable and experienced in the biology and natural history of the Covered Species. The Designated Biologist shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of individual Covered Species and to minimize disturbance of Covered Species' habitat. Permittee shall obtain CDFW approval of the Designated

- Biologist in writing before starting Covered Activities and shall also obtain approval in advance in writing if the Designated Biologist must be changed.
- **4.3.** <u>Designated Biologist Authority</u>. To ensure compliance with the Conditions of Approval of this ITP, the Designated Biologist shall have authority to immediately stop any activity that does not comply with this ITP, and/or to order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species.
- 4.4. Education Program. Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before performing any work. The program shall consist of a presentation from the Designated Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the distribution and habitat needs of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection, recovery efforts, penalties for violations and Project-specific protective measures described in this ITP. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures.
- **4.5.** Construction Monitoring Notebook. The Designated Biologist shall maintain a construction-monitoring notebook on-site throughout the construction period, which shall include a copy of this ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure a copy of the construction-monitoring notebook is available for review at the Project site upon request by CDFW.
- **4.6.** <u>Erosion Control Materials</u>. Permittee shall prohibit use of erosion control materials potentially harmful to Covered Species and other species, such as monofilament netting (erosion control matting) or similar material, in potential Covered Species' habitat.
- 4.7. <u>Delineation of Property Boundaries</u>. Before starting Covered Activities, Permittee shall clearly delineate the boundaries of the Project Area with fencing, stakes, or flags. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged areas. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in that area.

- **4.8.** Hazardous Waste. Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by qualified individuals of any fuel or hazardous waste leaks or spills at the time of occurrence, or as soon as it is safe to do so. Permittee shall exclude the storage and handling of hazardous materials from the Project Area and shall properly contain and dispose of any unused or leftover hazardous products off-site.
- **4.9.** <u>CDFW Access</u>. Permittee shall provide CDFW staff with reasonable access to the Project and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP.
- **4.10.** Refuse Removal. Upon completion of Covered Activities, Permittee shall remove from the Project Area and properly dispose of all temporary fill and construction refuse, including, but not limited to, broken equipment parts, wrapping material, cords, cables, wire, rope, strapping, twine, buckets, metal or plastic containers, and boxes.

## 5. Monitoring, Notification and Reporting Provisions:

- 5.1. Notification Before Commencement. The Designated Representative shall notify CDFW 14 calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities.
- 5.2. Notification of Non-compliance. The Designated Representative shall immediately notify CDFW in writing if it determines that the Permittee is not in compliance with any Condition of Approval of this ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in this ITP and/or the MMRP. The Designated Representative shall report any non-compliance with this ITP to CDFW within 24 hours.
- 5.3. Compliance Monitoring. The Designated Biologist shall be on-site daily when Covered Activities occur. The Designated Biologist shall conduct compliance inspections to (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of this ITP; (4) check all exclusion zones; and (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area. The Designated Representative or Designated Biologist shall prepare daily written observation and inspection records summarizing: oversight activities and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by this ITP. The

Designated Biologist shall conduct compliance inspections a minimum of once per month during periods of inactivity longer than 30 days.

- 5.4. Quarterly Compliance Report. The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Condition of Approval 5.3 into a Quarterly Compliance Report and submit it to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. Quarterly Compliance Reports shall be submitted to the CDFW offices listed in the Notices section of this ITP and via e-mail to CDFW's Regional Representative and Headquarters CESA Program. At the time of this ITP's approval, the CDFW Regional Representative is Arn Aarreberg (Arn.Aarreberg@wildlife.ca.gov) and Headquarters CESA Program email is CESA@wildlife.ca.gov. CDFW may at any time increase the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule.
- 5.5. Annual Status Report. Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of this ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval 5.4; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of temporary and permanent piles removed and installed, both for the prior calendar year, and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species.
- 5.6. CNDDB Observations. The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDB) within 60 calendar days of the observation and the Designated Biologist shall include copies of the submitted forms with the next Quarterly Compliance Report or ASR, whichever is submitted first relative to the observation.
- **5.7.** Final Mitigation Report. No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report. The

Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports and all ASRs; (2) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (3) all available information about Project-related incidental take of the Covered Species; (4) information about other Project impacts on the Covered Species; (5) beginning and ending dates of Covered Activities; (6) an assessment of the effectiveness of this ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (7) recommendations on how mitigation measures might be changed to more effectively minimize take and mitigate the impacts of future projects on the Covered Species; and (8) any other pertinent information.

- 5.8. Notification of Take or Injury. Permittee shall immediately notify the Designated Biologist if a Covered Species is taken or injured by a Project-related activity, or if a Covered Species is otherwise found dead or injured within the vicinity of the Project. The Designated Biologist or Designated Representative shall provide initial notification to CDFW by calling the Regional Representative at (707) 791-4195 or email at Arn.Aarreberg@wildlife.ca.gov. The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible provide a photograph, explanation as to cause of take or injury, and any other pertinent information.
- 6. Take Minimization Measures: The following requirements are intended to ensure the minimization of incidental take of Covered Species in the Project Area during Covered Activities. Permittee shall implement and adhere to the following conditions to minimize take of Covered Species:
  - **6.1.** Work Window. Permittee shall conduct in-water work between June 1 and November 30 with the exception of vibratory pile driving which may occur as needed for the duration of the project.
  - **6.2.** <u>Vibratory Hammer</u>. Permittee shall install piles with a vibratory pile driver to the maximum extent feasible. Maximum pile diameter to be installed shall be 36 inches.
  - **6.3.** <u>Impact Hammer</u>. Permittee shall employ a "soft start" technique to give aquatic species an opportunity to move out of the area. Maximum pile diameter shall be 36 inches.

- **6.4.** Sound attenuation Device. Permittee shall use a bubble curtain, and other attenuation measures, such as a wood cushion block, during all pile installation using an impact hammer. Other known attenuation methods may be used upon approval by CDFW.
- 6.5. Impact Hammer Sound Decibel Limit. Sound pressure levels (SPLs) have the potential to exceed 206 decibels (dB) peak and the daily 187 dB accumulated sound exposure level (SEL) for many of the piles sizes and materials proposed, even with the addition of a bubble curtain. Should the hydroacoustic monitoring show that SPL values are exceeding, or have exceeded any of the calculated distances to either the peak pressure or accumulated SEL, as specified within the ITP application, the Permittee shall halt pile driving until the sound attenuation system is repaired. The Permittee shall either take measures to increase the effectiveness of the sound attenuation system or obtain an ITP amendment from CDFW.
- **6.6.** <u>Pile Removal</u>. The Permittee shall remove all piles by direct pull or by vibratory methods. Should a pile break or cannot be removed, the Permittee shall cut the pile, at a minimum, 2 feet below the mud line.
- **6.7.** <u>Hydroacoustic Monitoring Plan.</u> Permittee shall create a hydroacoustic monitoring plan and provide CDFW with a copy for review prior to the start of Covered Activities.
- 6.8. Species Injury or Mortality. Should an individual of the Covered Species be identified as injured or killed in the Project area or anywhere nearby during Project activities, the Permittee shall notify CDFW of the injury or mortality to the Covered Species immediately by telephone and e-mail followed by a written incident report as described in Condition 5.8. Notification shall include where and when the incident was discovered and include a photo of the identified Covered Species.
- 7. Habitat Management Land Acquisition and Restoration: CDFW has determined that permanent protection and perpetual management of compensatory habitat is necessary and required pursuant to CESA to fully mitigate Project-related impacts of the taking on the Covered Species that will result with implementation of the Covered Activities. This determination is based on factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the acreage required to provide for adequate compensation.

To meet this requirement, the Permittee shall purchase 0.20 acres of Covered Species credits from a CDFW-approved mitigation or conservation bank (Condition of Approval 7.1). Purchase of the Covered Species credits must be complete before starting Covered

Activities, or within 18 months of the effective date of this ITP if Security is provided pursuant to Condition of Approval 8 below for all uncompleted obligations.

- **7.1.** Covered Species Credits. Permittee shall purchase 0.20 acres of Covered Species credits from a CDFW-approved mitigation or conservation bank prior to completing Covered Activities, or no later than 18 months from the issuance of this ITP if Security is provided pursuant to Condition of Approval 8 below.
  - 7.1.1. <u>Cost Estimates</u>. CDFW has estimated the cost of Covered Species credits as \$40,000.00 for purchase of 0.20 acres.
- **7.2.** Reimburse CDFW. Permittee shall reimburse CDFW for all reasonable expenses incurred by CDFW such as transaction fees, account set-up fees, administrative fees, title and documentation review and related title transactions, expenses incurred from other state agency reviews, and overhead related to transfer of HM lands to CDFW.
- **8. Performance Security:** The Permittee may proceed with Covered Activities only after the Permittee has ensured funding (Security) to complete any activity required by Condition of Approval 7 that has not been completed before Covered Activities begin. Permittee shall provide Security as follows:
  - **8.1.** Security Amount. The Security shall be in the amount of **\$40,000.00**. This amount is based on the cost estimates identified in Condition of Approval 7.1.1 above.
  - **8.2.** Security Form. The Security shall be in the form of an Escrow Agreement (see Attachment 2) or another form of Security approved in advance in writing by CDFW.
  - **8.3.** Security Timeline. The Security shall be provided to CDFW before Covered Activities begin or within 30 days after the effective date of this ITP, whichever occurs first.
  - **8.4.** Security Holder. The Security shall be held by CDFW or in a manner approved in advance in writing by CDFW.
  - **8.5.** <u>Security Transmittal</u>. If CDFW holds the Security, Permittee shall transmit it to CDFW with a completed Mitigation Payment Transmittal Form (see Attachment 3) or by way of an approved instrument such as escrow, irrevocable letter of credit, or other.
  - **8.6.** Security Drawing. The Security shall allow CDFW to draw on the principal sum if CDFW, in its sole discretion, determines that the Permittee has failed to comply with the Conditions of Approval of this ITP.

- **8.7.** Security Release. The Security (or any portion of the Security then remaining) shall be released to the Permittee after CDFW has conducted an on-site inspection and received confirmation that all secured requirements have been satisfied, as evidenced by:
  - Written documentation of the acquisition of the compensatory mitigation credits from a CDFW approved mitigation or conservation bank;
  - Timely submission of all required reports.

Even if Security is provided, the Permittee must complete the required acquisition of covered species credits no later than 18 months from the effective date of this ITP. CDFW may require the Permittee to provide additional funding to ensure the impacts of the taking are minimized and fully mitigated, as required by law, if the Permittee does not complete these requirements within the specified timeframe.

#### **Amendment:**

This ITP may be amended as provided by California Code of Regulations, Title 14, section 783.6, subdivision (c), and other applicable law. This ITP may be amended without the concurrence of the Permittee as required by law, including if CDFW determines that continued implementation of the Project as authorized under this ITP would jeopardize the continued existence of the Covered Species or where Project changes or changed biological conditions necessitate an ITP amendment to ensure that all Project-related impacts of the taking to the Covered Species are minimized and fully mitigated.

#### **Stop-Work Order:**

CDFW may issue Permittee a written stop-work order requiring Permittee to suspend any Covered Activity for an initial period of up to 25 days to prevent or remedy a violation of this ITP, including but not limited to the failure to comply with reporting or monitoring obligations, or to prevent the unauthorized take of any CESA endangered, threatened, or candidate species. Permittee shall stop work immediately as directed by CDFW upon receipt of any such stop-work order. Upon written notice to Permittee, CDFW may extend any stop-work order issued to Permittee for a period not to exceed 25 additional days. Suspension and revocation of this ITP shall be governed by California Code of Regulations, Title 14, section 783.7, and any other applicable law. Neither the Designated Biologist nor CDFW shall be liable for any costs incurred in complying with stop-work orders.

#### **Compliance with Other Laws:**

This ITP sets forth CDFW's requirements for the Permittee to implement the Project pursuant to CESA. This ITP does not necessarily create an entitlement to proceed with the Project. Permittee is responsible for complying with all other applicable federal, state, and local law.

#### Notices:

The Permittee shall deliver a fully executed duplicate original ITP by registered first class mail or overnight delivery to the following address:

Habitat Conservation Planning Branch California Department of Fish and Wildlife Attention: CESA Permitting Program Post Office Box 944209 Sacramento, CA 94244-2090

Alternatively, the Permittee shall email the digitally signed ITP to CESA@wildlife.ca.gov. Digital signatures shall comply with Government Code section 16.5.

Written notices, reports and other communications relating to this ITP shall be delivered to CDFW by email or registered first class mail at the following address, or at addresses CDFW may subsequently provide the Permittee. Notices, reports, and other communications shall reference the Project name, Permittee, and ITP Number (2081-2020-009-07) in a cover letter and on any other associated documents.

Original cover with attachment(s) to:

Arn Aarreberg 3637 Westwind Blvd. Santa Rosa, CA 95403 Telephone (707) 576-2889 Mobile Phone (707) 791-4195 Arn.Aarreberg@wildlife.ca.gov

and a copy to:

Habitat Conservation Planning Branch California Department of Fish and Wildlife Attention: CESA Permitting Program Post Office Box 944209 Sacramento, CA 94244-2090 CESA@wildlife.ca.gov

Unless Permittee is notified otherwise, CDFW's Regional Representative for purposes of addressing issues that arise during implementation of this ITP is:

Arn Aarreberg 3637 Westwind Blvd. Santa Rosa, CA 95403 Telephone (707) 576-2889 Mobile Phone (707) 791-4195 Arn.Aarreberg@wildlife.ca.gov

## **Compliance with CEQA:**

CDFW's issuance of this ITP is subject to CEQA. CDFW is a responsible agency pursuant to CEQA with respect to this ITP because of prior environmental review of the Project by the lead agency, City of Alameda. (See generally Pub. Resources Code, §§ 21067, 21069.) The lead agency's prior environmental review of the Project is set forth in the Alameda Marina Master Plan EIR, (SCH No.: 2016102064) dated December 2017 that the City of Alameda certified for the Alameda Master Plan on July 27, 2018. At the time the lead agency certified the EIR and approved the Project it also adopted various mitigation measures for the Covered Species as conditions of Project approval.

This ITP, along with CDFW's related CEQA findings, which are available as a separate document, provide evidence of CDFW's consideration of the lead agency's EIR for the Project and the environmental effects related to issuance of this ITP (CEQA Guidelines, § 15096, subd. (f)). CDFW finds that issuance of this ITP will not result in any previously undisclosed potentially significant effects on the environment or a substantial increase in the severity of any potentially significant environmental effects previously disclosed by the lead agency. Furthermore, to the extent the potential for such effects exists, CDFW finds adherence to and implementation of the Conditions of Project Approval adopted by the lead agency, and that adherence to and implementation of the Conditions of Approval imposed by CDFW through the issuance of this ITP, will avoid or reduce to below a level of significance any such potential effects. CDFW consequently finds that issuance of this ITP will not result in any significant, adverse impacts on the environment.

## **Findings Pursuant to CESA:**

These findings are intended to document CDFW's compliance with the specific findings requirements set forth in CESA and related regulations. (Fish & G. Code § 2081, subs. (b)-(c); Cal. Code Regs., tit. 14, §§ 783.4, subds, (a)-(b), 783.5, subd. (c)(2).)

CDFW finds based on substantial evidence in the ITP application, Alameda Marina Master Plan, the results of consultations, and the administrative record of proceedings, that issuance of this ITP complies and is consistent with the criteria governing the issuance of ITPs pursuant to CESA:

- (1) Take of Covered Species as defined in this ITP will be incidental to the otherwise lawful activities covered under this ITP;
- (2) Impacts of the taking on Covered Species will be minimized and fully mitigated through the implementation of measures required by this ITP and as described in the MMRP. Measures include: (1) permanent habitat protection; (2) establishment of avoidance zones; (3) worker education; and (4) Quarterly Compliance Reports. CDFW evaluated factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the acreage required to provide for adequate compensation. Based on this evaluation, CDFW determined that the protection and management in perpetuity of 0.20 acres of compensatory habitat that is contiguous with other protected Covered Species habitat and/or is of higher quality than the habitat being destroyed by the Project, along with the minimization, monitoring, reporting, and funding requirements of this ITP minimizes and fully mitigates the impacts of the taking caused by the Project;
- (3) The take avoidance and mitigation measures required pursuant to the conditions of this ITP and its attachments are roughly proportional in extent to the impacts of the taking authorized by this ITP;
- (4) The measures required by this ITP maintain Permittee's objectives to the greatest extent possible;
- (5) All required measures are capable of successful implementation;
- (6) This ITP is consistent with any regulations adopted pursuant to Fish and Game Code sections 2112 and 2114;
- (7) Permittee has ensured adequate funding to implement the measures required by this ITP as well as for monitoring compliance with, and the effectiveness of, those measures for the Project; and
- (8) Issuance of this ITP will not jeopardize the continued existence of the Covered Species based on the best scientific and other information reasonably available, and this finding includes consideration of the species' capability to survive and reproduce, and any adverse impacts of the taking on those abilities in light of (1) known population trends; (2) known threats to the species; and (3) reasonably foreseeable impacts on the species from other related projects and activities. Moreover, CDFW's finding is based, in part, on CDFW's express authority to amend the terms and conditions of this ITP without concurrence of the Permittee as necessary to avoid jeopardy and as required by law.

FIGURE 1 Map of Project

FIGURE 2 Project Footprint and Existing Site Features
ATTACHMENT 1 Mitigation Monitoring and Reporting Program

ATTACHMENT 2 Escrow Agreement

ATTACHMENT 3 Mitigation Payment Transmittal Form

ISSUED BY THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

On 8/10/2020

Craig Shuman, Regional Manager Marine Region

343995CB95354BC

## **ACKNOWLEDGMENT**

The undersigned: (1) warrants that he or she is acting as a duly authorized representative of the Permittee, (2) acknowledges receipt of this ITP, and (3) agrees on behalf of the Permittee to comply with all terms and conditions

Ву:	Scan Murphy D19B66314DF24BA	Date:	9/1/2020	
Printed Name:	Sean Murphy	Title:	Manager	

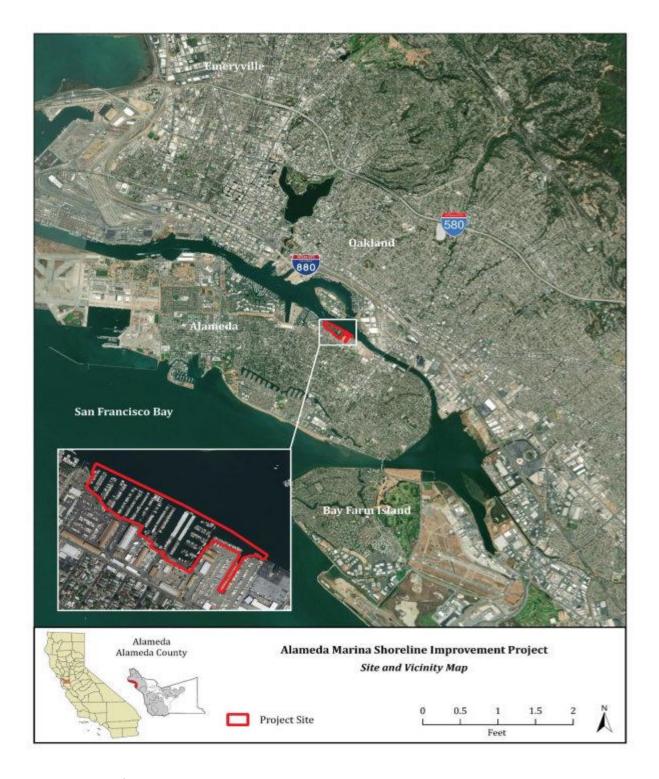


Figure 1 - Map of Project

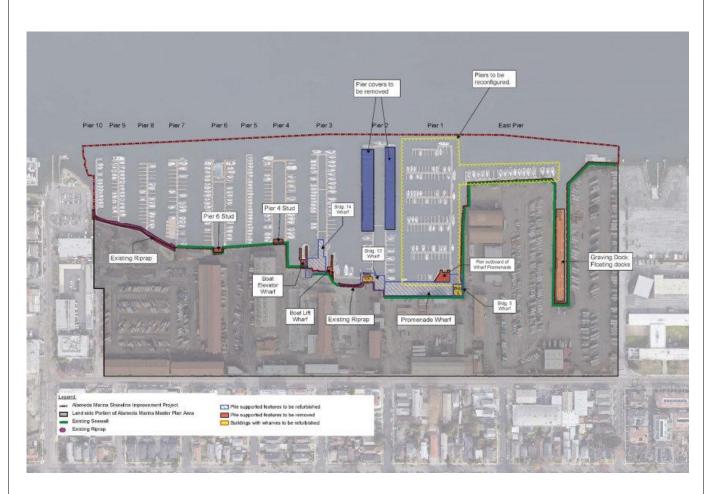


Figure 2 – Project Footprint and Existing Site Features

## Attachment 1

# CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE MITIGATION MONITORING AND REPORTING PROGRAM (MMRP) CALIFORNIA ENDANGERED SPECIES ACT

**INCIDENTAL TAKE PERMIT NO. 2081-2020-009-07** 

PERMITTEE: Pacific Shops, Inc./Alameda Marina, LLC

PROJECT: Alameda Marina Shoreline Improvement Project

#### PURPOSE OF THE MMRP

The purpose of the MMRP is to ensure that the impact minimization and mitigation measures required by the Department of Fish and Wildlife (CDFW) for the above-referenced Project are properly implemented, and thereby to ensure compliance with section 2081(b) of the Fish and Game Code and section 21081.6 of the Public Resources Code. A table summarizing the mitigation measures required by CDFW is attached. This table is a tool for use in monitoring and reporting on implementation of mitigation measures, but the descriptions in the table do not supersede the mitigation measures set forth in the California Incidental Take Permit (ITP) and in attachments to the ITP, and the omission of a permit requirement from the attached table does not relieve the Permittee of the obligation to ensure the requirement is performed.

#### **OBLIGATIONS OF PERMITTEE**

Mitigation measures must be implemented within the time periods indicated in the table that appears below. Permittee has the primary responsibility for monitoring compliance with all mitigation measures and for reporting to CDFW on the progress in implementing those measures. These monitoring and reporting requirements are set forth in the ITP itself and are summarized at the front of the attached table.

## **VERIFICATION OF COMPLIANCE, EFFECTIVENESS**

CDFW may, at its sole discretion, verify compliance with any mitigation measure or independently assess the effectiveness of any mitigation measure.

#### TABLE OF MITIGATION MEASURES

The following items are identified for each mitigation measure: Mitigation Measure, Source, Implementation Schedule, Responsible Party, and Status/Date/Initials. The Mitigation Measure column summarizes the mitigation requirements of the ITP. The Source column identifies the ITP condition that sets forth the mitigation measure. The Implementation Schedule column shows the date or phase when each mitigation measure will be implemented. The Responsible Party column identifies the person or agency that is primarily responsible for implementing the mitigation measure. The Status/Date/Initials column shall be completed by the Permittee during preparation of each Status Report and the Final Mitigation Report, and must identify the implementation status of each mitigation measure, the date that status was determined, and the initials of the person determining the status.

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials				
BEF	EFORE DISTURBING SOIL OR VEGETATION								
1	Before starting Covered Activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with this ITP. Permittee shall notify CDFW in writing before starting Covered Activities of the Designated Representative's name, business address, and contact information, and shall notify CDFW in writing if a substitute Designated Representative is selected or identified at any time during the term of this ITP.	ITP Condition # 4.1	Before commencing ground- or vegetation-disturbing activities/ Entire Project	Permittee					
2	Permittee shall submit to CDFW in writing the name, qualifications, business address, and contact information of a biological monitor (Designated Biologist) at least 30 days before starting Covered Activities. Permittee shall ensure that the Designated Biologist is knowledgeable and experienced in the biology and natural history of the Covered Species. The Designated Biologist shall be responsible for monitoring Covered Activities to help minimize and fully mitigate or avoid the incidental take of individual Covered Species and to minimize disturbance of Covered Species' habitat. Permittee shall obtain CDFW approval of the Designated Biologist in writing before starting Covered Activities and shall also obtain approval in advance in writing if the Designated Biologist must be changed.	ITP Condition # 4.2	Before commencing ground- or vegetation-disturbing activities	Permittee					
3	Permittee shall conduct an education program for all persons employed or otherwise working in the Project Area before performing any work. The program shall consist of a presentation from the Designated Biologist that includes a discussion of the biology and general behavior of the Covered Species, information about the distribution and habitat needs of the Covered Species, sensitivity of the Covered Species to human activities, its status pursuant to CESA including legal protection, recovery efforts, penalties for violations and Project-specific protective measures described in this ITP. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform work in the Project Area. Permittee shall prepare and distribute wallet-sized cards or a fact sheet handout containing this information for workers to carry in the Project Area. Upon completion of the program, employees shall sign a form stating they attended the program and understand all protection measures.	ITP Condition # 4.4	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee					
4	Before starting Covered Activities, Permittee shall clearly delineate the boundaries of the Project Area with fencing, stakes, or flags. Permittee shall restrict all Covered Activities to within the fenced, staked, or flagged areas. Permittee shall maintain all fencing, stakes, and flags until the completion of Covered Activities in that area.	ITP Condition # 4.7	Before commencing ground- or vegetation-disturbing activities / Entire Project	Permittee					
5	The Designated Representative shall notify CDFW 14 calendar days before starting Covered Activities and shall document compliance with all pre-Project Conditions of Approval before starting Covered Activities.	ITP Condition # 5.1	Before commencing ground- or vegetation-disturbing activities	Permittee					

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
6			Before commencing ground- or vegetation-disturbing activities (or within 18 months of issuance of the ITP if Security is provided)	Permittee	
	Even if Security is provided, the Permittee must complete the required acquisition of covered species credits no later than 18 months from the effective date of this ITP. CDFW may require the Permittee to provide additional funding to ensure the impacts of the taking are minimized and fully mitigated, as required by law, if the Permittee does not complete these requirements within the specified timeframe.				
DU	RING CONSTRUCTION				
7	To ensure compliance with the Conditions of Approval of this ITP, the Designated Biologist shall have authority to immediately stop any activity that does not comply with this ITP, and/or to order any reasonable measure to avoid the unauthorized take of an individual of the Covered Species.	ITP Condition #4.3	Entire Project	Permittee	
8	The Designated Biologist shall maintain a construction-monitoring notebook on-site throughout the construction period, which shall include a copy of this ITP with attachments and a list of signatures of all personnel who have successfully completed the education program. Permittee shall ensure a copy of the construction-monitoring notebook is available for review at the Project site upon request by CDFW.	ITP Condition #4.5	Entire Project	Permittee	
9	Permittee shall prohibit use of erosion control materials potentially harmful to Covered Species and other species, such as monofilament netting (erosion control matting) or similar material, in potential Covered Species' habitat.	ITP Condition #4.6	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
10	Permittee shall immediately stop and, pursuant to pertinent state and federal statutes and regulations, arrange for repair and clean up by qualified individuals of any fuel or hazardous waste leaks or spills at the time of occurrence, or as soon as it is safe to do so. Permittee shall exclude the storage and handling of hazardous materials from the Project Area and shall properly contain and dispose of any unused or leftover hazardous products off-site.	ITP Condition #4.8	Entire Project	Permittee	
11	Permittee shall provide CDFW staff with reasonable access to the Project and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP.	ITP Condition #4.9	Entire Project	Permittee	
12	The Designated Representative shall immediately notify CDFW in writing if it determines that the Permittee is not in compliance with any Condition of Approval of this ITP, including but not limited to any actual or anticipated failure to implement measures within the time periods indicated in this ITP and/or the MMRP. The Designated Representative shall report any noncompliance with this ITP to CDFW within 24 hours.	ITP Condition #5.2	Entire Project	Permittee	
13	The Designated Biologist shall be on-site daily when Covered Activities occur. The Designated Biologist shall conduct compliance inspections to (1) minimize incidental take of the Covered Species; (2) prevent unlawful take of species; (3) check for compliance with all measures of this ITP; (4) check all exclusion zones; and (5) ensure that signs, stakes, and fencing are intact, and that Covered Activities are only occurring in the Project Area. The Designated Representative or Designated Biologist shall prepare daily written observation and inspection records summarizing oversight activities and compliance inspections, observations of Covered Species and their sign, survey results, and monitoring activities required by this ITP. The Designated Biologist shall conduct compliance inspections a minimum of once per month during periods of inactivity longer than 30 days.	ITP Conditions #5.3	Entire Project	Permittee	
14	The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Condition of Approval 5.3 into a Quarterly Compliance Report and submit it to CDFW along with a copy of the MMRP table with notes showing the current implementation status of each mitigation measure. Quarterly Compliance Reports shall be submitted to the CDFW offices listed in the Notices section of this ITP and via e-mail to CDFW's Regional Representative and Headquarters CESA Program. At the time of this ITP's approval, the CDFW Regional Representative is Arn Aarreberg (Arn.Aarreberg@wildlife.ca.gov) and Headquarters CESA Program email is CESA@wildlife.ca.gov. CDFW may at any time increase the timing and number of compliance inspections and reports required under this provision depending upon the results of previous compliance inspections. If CDFW determines the reporting schedule must be changed, CDFW will notify Permittee in writing of the new reporting schedule.	ITP Conditions #5.4	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
15	Permittee shall provide CDFW with an Annual Status Report (ASR) no later than January 31 of every year beginning with issuance of this ITP and continuing until CDFW accepts the Final Mitigation Report identified below. Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval 5.4; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of temporary and permanent piles removed and installed, both for the prior calendar year, and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species.	ITP Conditions #5.5	Entire Project	Permittee	
16	The Designated Biologist shall submit all observations of Covered Species to CDFW's California Natural Diversity Database (CNDDB) within 60 calendar days of the observation and the Designated Biologist shall include copies of the submitted forms with the next Quarterly Compliance Report or ASR, whichever is submitted first relative to the observation.	ITP Conditions #5.6	Entire Project	Permittee	
17	Permittee shall immediately notify the Designated Biologist if a Covered Species is taken or injured by a Project-related activity, or if a Covered Species is otherwise found dead or injured within the vicinity of the Project. The Designated Biologist or Designated Representative shall provide initial notification to CDFW by calling the Regional Representative at (707) 791-4195 or email at Arn.Aarreberg@wildlife.ca.gov. The initial notification to CDFW shall include information regarding the location, species, and number of animals taken or injured and the ITP Number. Following initial notification, Permittee shall send CDFW a written report within two calendar days. The report shall include the date and time of the finding or incident, location of the animal or carcass, and if possible provide a photograph, explanation as to cause of take or injury, and any other pertinent information.	ITP Conditions #5.8	Entire Project	Permittee	
18	Permittee shall conduct in-water work between June 1 and November 30 with the exception of vibratory pile driving which may occur as needed for the duration of the project.	ITP Conditions #6.1	Entire Project	Permittee	
19	Permittee shall install piles with a vibratory pile driver to the maximum extent feasible. Maximum pile diameter to be installed shall be 36 inches.	ITP Conditions #6.2	Entire Project	Permittee	
20	Permittee shall employ a "soft start" technique to give aquatic species an opportunity to move out of the area. Maximum pile diameter shall be 36 inches.	ITP Condition #6.3	Entire Project	Permittee	
21	Permittee shall use a bubble curtain, and other attenuation measures, such as a wood cushion block, during all pile installation using an impact hammer. Other known attenuation methods may be used upon approval by CDFW.	ITP Condition #6.4	Entire Project		

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials
22	Sound pressure levels (SPLs) have the potential to exceed 206 decibels (dB) peak and the daily 187 dB accumulated sound exposure level (SEL) for many of the piles sizes and materials proposed, even with the addition of a bubble curtain. Should the hydroacoustic monitoring show that SPL values are exceeding, or have exceeded any of the calculated distances to either the peak pressure or accumulated SEL, as specified within the ITP application, the Permittee shall halt pile driving until the sound attenuation system is repaired. The Permittee shall either take measures to increase the effectiveness of the sound attenuation system or obtain an ITP amendment from CDFW.	ITP Condition # 6.5	Entire Project	Permittee	
23	The Permittee shall remove all piles by direct pull or by vibratory methods. Should a pile break or cannot be removed, the Permittee shall cut the pile, at a minimum, 2 feet below the mud line.	ITP Conditions #6.6	Entire Project	Permittee	
24	Permittee shall create a hydroacoustic monitoring plan and provide CDFW with a copy for review prior to the start of Covered Activities.	ITP Conditions #6.7	Entire Project	Permittee	
25	Should an individual of the Covered Species be identified as injured or killed in the Project area or anywhere nearby during Project activities, the Permittee shall notify CDFW of the injury or mortality to the Covered Species immediately by telephone and e-mail followed by a written incident report as described in Condition 5.8. Notification shall include where and when the incident was discovered and include a photo of the identified Covered Species.	ITP Condition # 6.8	Entire Project	Permittee	
26	CDFW has determined that permanent protection and perpetual management of compensatory habitat is necessary and required pursuant to CESA to fully mitigate Project-related impacts of the taking on the Covered Species that will result with implementation of the Covered Activities. This determination is based on factors including an assessment of the importance of the habitat in the Project Area, the extent to which the Covered Activities will impact the habitat, and CDFW's estimate of the acreage required to provide for adequate compensation.	ITP Condition # 7	During Construction or within 18 months of issuance of the ITP if Security is provided	Permittee	
	To meet this requirement, the Permittee shall purchase 0.20 acres of Covered Species credits from a CDFW-approved mitigation or conservation bank (Condition of Approval 7.1). Permanent protection and funding for perpetual management of compensatory habitat must be complete before starting Covered Activities, or within 18 months of the effective date of this ITP if Security is provided pursuant to Condition of Approval 8 below for all uncompleted obligations.				
27	Permittee shall purchase 0.20 acres of Covered Species credits from a CDFW-approved mitigation or conservation bank prior to completing Covered Activities, or no later than 18 months from the issuance of this ITP if Security is provided pursuant to Condition of Approval 8 below.	ITP Condition # 7.1	During Construction or within 18 months of issuance of the ITP if Security is provided	Permittee	
	<ol> <li>Cost Estimates. CDFW has estimated the cost of Covered Species credits as \$40,000.00 for purchase of 0.20 acres.</li> </ol>				
28	Permittee shall reimburse CDFW for all reasonable expenses incurred by CDFW such as transaction fees, account set-up fees, administrative fees, title and documentation review and related title transactions, expenses incurred from other state agency reviews, and overhead related to transfer of HM lands to CDFW.	ITP Condition # 7.2	Entire Project	Permittee	

	Mitigation Measure	Source	Implementation Schedule	Responsible Party	Status / Date / Initials		
PO	POST-CONSTRUCTION						
29	Upon completion of Covered Activities, Permittee shall remove from the Project Area and properly dispose of all temporary fill and construction refuse, including, but not limited to, broken equipment parts, wrapping material, cords, cables, wire, rope, strapping, twine, buckets, metal or plastic containers, and boxes.	ITP Condition # 4.10	Post-construction and after completion of mitigation	Permittee			
30	No later than 45 days after completion of all mitigation measures, Permittee shall provide CDFW with a Final Mitigation Report. The Designated Biologist shall prepare the Final Mitigation Report which shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports and all ASRs; (2) a copy of the table in the MMRP with notes showing when each of the mitigation measures was implemented; (3) all available information about Project-related incidental take of the Covered Species; (4) information about other Project impacts on the Covered Species; (5) beginning and ending dates of Covered Activities; (6) an assessment of the effectiveness of this ITP's Conditions of Approval in minimizing and fully mitigating Project impacts of the taking on Covered Species; (7) recommendations on how mitigation measures might be changed to more effectively minimize take and mitigate the impacts of future projects on the Covered Species; and (8) any other pertinent information.	ITP Condition # 5.7	Post-construction and after completion of mitigation	Permittee			

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State of California - Department of Fish and Wildlife

## MITIGATION PAYMENT TRANSMITTAL FORM

DFW 1057 (NEW 07/28/17)

Project Applicant Instructions: Please fill out and attach this form to payment. For conservation banks, also attach the Bill(s) of Sale for credits sold. One form may be used for multiple transactions, BUT YOU MUST USE A SEPARATE FORM FOR EACH CHECK YOU TRANSMIT. Make sure to include Project Name, Project Tracking Number, and ASB Mitigation Tracking Number (if available) on the attached payment type.

1.	DATE:	:			2. FROM:	
						Name
	TO:	Regional Manager			Mailing Address	
		Region Office Add	ress			City, State, Zip
						Telephone Number/FAX Number
3.	RE:	Project Name as a	appears on permi	it/agreement		
4. A	GREEM	ENT/ACCOUNT INI	FORMATION: (c	heck the applicable ty	me)	
			•			□1600 Agroomont □ Other
L	<u> </u>		Vation Bank L	12833 NCCP [] 1002	2 Agreement	□1600 Agreement □ Other
	Pro	oject Tracking Numb				<del></del>
5.	PA	YMENT TYPE (One	check per form only	): The following funds are	e being remitted	d in connection with the above referenced project:
	<u>Che</u>	eck information:				
	Tot	tal \$		Check No.		
		count No.		Bank Routing N		
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	b.	Habitat Enhan	ncement		Subtotal \$	
	C.	Security:	Cash Refundal	ble Security Deposit	Subtotal \$	
		2.	Letter of Credit	t	Subtotal \$	
		<u>-</u> .				
				Institution:		
			2. Letter of C	Credit Number:		
		3.	Date of Expirat	tion:		
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