



Phase Authorization Form

Part I. General Information

Phase Name: _____

Phase Number: _____

Date: _____

This Phase Authorization Form will be submitted to California Department of Fish and Wildlife (CDFW). CDFW may request additional information to clarify or complete the authorization package. A CDFW approved Phase Authorization Form signifies that the proposed phase, if implemented as detailed in this Phase Authorization Form, is consistent with the Incidental Take Permit Number 2081-2024-018-00 (ITP), authorizing the incidental take for individual Project Phases under certain limited conditions. Capitalized terms used in this Phase Authorization Form are as defined in the ITP.

Part II. Permittee Information

Contact Information

<input type="checkbox"/> Permittee	Name:		Contact:
	Address:		City:
	State/Zip:	Email:	Phone:

<input type="checkbox"/> Designated Representative	Name:		Contact:
	Address:		City:
	State/Zip:	Email:	Phone:

Part III. Phase Description

Phase Name:	Gross Acres:	
Site Address:		
Section(s):	Township(s):	Range(s):
Latitude:	Longitude:	
Existing Use of the Site:		
Construction timeframe (provide approximate start and end dates):		

Phase Description (Required): Provide a written description of the proposed Phase including all proposed developments and improvements. Developments and improvements could include pre-implementation monitoring and management plans and final protocol-level species and habitat survey methodology; preconstruction activities including field investigations, geotechnical exploration, and any on-site restoration; construction or improvements of access roads, construction and maintenance of electrical and SCADA facilities; tunnel conveyance and facility construction and maintenance; construction of the north Delta intakes; construction and maintenance of the Bethany Complex, construction and maintenance of construction support facilities; construction and maintenance of CCWD interconnection facilities; RTM placement and storage; site reclamation; facility maintenance activities; startup and commissioning tests, intake and pump maintenance activities; and/ or Phase 2 operations and ongoing facility maintenance activities. If aquatic land covers will be impacted, including wetlands and other waters, describe permanent and/or temporary fill and/or excavation activities in cubic yards. If linear aquatic land covers (e.g., channel margin) are proposed to be impacted, provide linear feet of temporary and/or permanent impacts as part of the project description. Attach additional information as set forth in Conditions of Approval in the ITP 2081-2024-018-00. Please include in the description any aspects of a previous Phase approved by CDFW that was not started or completed.

Phase Description (*attach additional sheets if more space as needed*):

**Attach the following support documents as required in ITP 2081-2024-018-00
Conditions of Approval:**

- A List of Phase Specific Conditions of Approval
- Applicable Site Monitoring and Management Plans
- Engineering Studies and/or Plans
- Protocol-level species and habitat surveys
- Phase Implementation Schedule(s)
- Biological Monitoring for Covered Fish Species
- Joint Operations Modeling
- Covered Fish Species Science and Monitoring Requirements
- Operations Monitoring Studies

Part IV. Habitat Impacts

Table 1. Phase Habitat Impacts

Habitat Types (Fill all that apply)	Acreage of Habitat Within the Phase Area	Acreage of Habitat Permanently Impacted by the Phase	Acreage of Habitat Temporarily Impacted by the Phase
California tiger salamander (aquatic)			
California tiger salamander (upland)			
Giant garter snake (aquatic)			
Giant garter snake (upland)			
Swainson's hawk (nest trees)			
Swainson's hawk (foraging)			
Tricolored blackbird (nesting)			
Tricolored blackbird (breeding and nonbreeding foraging)			
Crotch bumble bee (all life stages)			
Mason's lilaeopsis (all life stages)			
Western burrowing owl (breeding, foraging, wintering, and dispersal)			
Delta smelt (tidal perennial)			
Delta smelt (shallow spawning)			
Longfin smelt (tidal perennial)			
Longfin smelt (shallow spawning)			
Winter-run Chinook salmon (tidal perennial)			
Winter-run Chinook salmon (channel margin)			

Habitat Types (Fill all that apply)	Acreage of Habitat Within the Phase Area	Acreage of Habitat Permanently Impacted by the Phase	Acreage of Habitat Temporarily Impacted by the Phase
Spring-run Chinook salmon (tidal perennial)			
Spring-run Chinook salmon (channel margin)			
White sturgeon (tidal perennial)			
White sturgeon (channel margin)			
Total			

Table 2. Total Permanent Habitat Impacts

Habitat Types	Acreage of Habitat Permanently Impacted by this Phase	Acreage of Habitat Permanently Impacted by the Project prior to this Phase	Total Acreage of Habitat Permanently Impacted by the Project to Date	Total Acreage of Compensatory Mitigation Completed
California tiger salamander (aquatic)				
California tiger salamander (upland)				
Giant garter snake (aquatic)				
Giant garter snake (upland)				
Swainson's hawk (nest trees)				
Swainson's hawk (foraging)				
Tricolored blackbird (nesting)				
Tricolored blackbird (breeding and nonbreeding foraging)				
Crotch bumble bee (all life stages)				
Mason's lilaeopsis (all life stages)				
Western burrowing owl (breeding, foraging, wintering, and dispersal)				
Delta smelt (tidal perennial)				
Delta smelt (shallow spawning)				
Longfin smelt (tidal perennial)				
Longfin smelt (shallow spawning)				
Winter-run Chinook salmon (tidal perennial)				

Habitat Types	Acreage of Habitat Permanently Impacted by this Phase	Acreage of Habitat Permanently Impacted by the Project prior to this Phase	Total Acreage of Habitat Permanently Impacted by the Project to Date	Total Acreage of Compensatory Mitigation Completed
Winter-run Chinook salmon (channel margin)				
Spring-run Chinook salmon (tidal perennial)				
Spring-run Chinook salmon (channel margin)				
White sturgeon (tidal perennial)				
White sturgeon (channel margin)				
Total				

Table 3. Total Temporary Habitat Impacts

Habitat Types	Acreage of Habitat Temporarily Impacted by this Phase	Acreage of Habitat Temporarily Impacted by the Project prior to this Phase	Total Acreage of Habitat Temporarily Impacted by the Project to Date	Total Acreage of Temporarily Impacted Habitat Restored
California tiger salamander (aquatic)				
California tiger salamander (upland)				
Giant gartersnake (aquatic)				
Giant garter snake (upland)				
Swainson's hawk (nest trees)				
Swainson's hawk (foraging)				
Tricolored blackbird (nesting)				
Tricolored blackbird (breeding and nonbreeding foraging)				
Crotch bumble bee (all life stages)				
Mason's lilaeopsis (all life stages)				
Western burrowing owl (breeding, foraging, wintering, and dispersal)				
Delta smelt (tidal perennial)				
Delta smelt (shallow spawning)				
Longfin smelt (tidal perennial)				
Longfin smelt (shallow spawning)				
Winter-run Chinook salmon (tidal perennial)				
Winter-run Chinook salmon (channel margin)				

Habitat Types	Acreage of Habitat Temporarily Impacted by this Phase	Acreage of Habitat Temporarily Impacted by the Project prior to this Phase	Total Acreage of Habitat Temporarily Impacted by the Project to Date	Total Acreage of Temporarily Impacted Habitat Restored
Spring-run Chinook salmon (tidal perennial)				
Spring-run Chinook salmon (channel margin)				
White sturgeon (tidal perennial)				
White sturgeon (channel margin)				
Total				

Table 5. Total Project Permanent Impacts by Species

Summary table of the total acres impacted for each Covered Species by habitat type and associated Compensatory Mitigation required for Project Phase approval.

Please use Table 5 and follow the example provided in gray below or provide an alternatively formatted table containing the required information shown in Table 5. Any alternatively formatted Table use shall be approved by CDFW prior to final submission.

Species	Phase	Habitat Type	Total Acreage Permanently Impacted by Phase	Total Acreage Permanently Impacted by Project	Running Total Compensatory Mitigation Required plus get ahead stay ahead (acres)
<i>BUOW</i>	<i>1</i>	<i>Non-CDFW lands</i>	<i>Current Project Phase total acres (x)</i>	<i>All Phases to date total Project acres (x)</i>	<i>Total Compensatory Mitigation required plus get ahead acres (x)*0.10 + (x)</i>
	<i>2</i>	<i>Non-CDFW lands</i>	<i>(y)</i>	<i>(x+y)</i>	<i>(x+y)*0.10 + (x+y)</i>
<i>CTS</i>	<i>1</i>	<i>Non-CDFW lands: Upland</i>	<i>(z)</i>	<i>(z)</i>	<i>(z)*0.10 + (z)</i>

Attach the following support documents consistent with Conditions of Approval in the ITP:

- Biological Report
- Habitat Delineation
- Baseline species and habitat surveys
- Mapped Habitat

Part V. Phase Conditions

Based upon review of the Phase Authorization Form, the Phase must be conducted in compliance with the list of Phase specific Conditions of Approval attached to this Phase Authorization Form. These Conditions of Approval account for the type of project activity and covered species habitat identified on your project site as indicated in Table 1 above.

Notification and Compliance

It shall be the responsibility of the Permittee to provide written notification to CDFW, in a timely manner, with any necessary documentation as outlined in the Conditions of Approval. CDFW will verify that the Phase is in compliance with the Conditions of Approval. Any non-compliance will be reported to the Permittee, and it shall be the Permittee's responsibility to rectify the situation by bringing the Phase into compliance and re-notifying CDFW.

Part VI. Additional Terms and Conditions

Access to Project Area

Permittee shall provide CDFW staff with reasonable access to the Project and mitigation lands under Permittee control and shall otherwise fully cooperate with CDFW efforts to verify compliance with or effectiveness of mitigation measures set forth in this ITP, consistent with Condition of Approval 9.15 of the ITP.

Amendment or Extension

Following signature from CDFW confirming that the Phase Authorization Package is consistent with the ITP, the Phase Authorization Package shall be automatically incorporated by reference into the ITP and may be amended or extended as described in Section IX of the ITP. Prior to signature, the Permittee may resubmit any Phase Authorization Package along with proposed changes with no additional fees due. If the Permittee submits new or revised information during this period, CDFW shall have an additional 60 calendar day review period described in Conditional of Approval of the ITP.

Suspension or Revocation

CDFW may suspend or revoke Permittee's authorization under the ITP for failure to comply with the Phase Authorization Form's terms, including the Conditions of Approval stated herein, according to California Code of Regulations, title 14, section 783.7.

CDFW Enforcement

Nothing in the ITP or this Phase Authorization Form precludes CDFW from pursuing an enforcement action against Permittee instead of, or in addition to, suspending or revoking this Phase Authorization Form. Nothing in this Phase Authorization Form limits or otherwise affects CDFW's enforcement authority or that of its enforcement personnel.

Incorporation of ITP

The Conditions of Approval of the ITP are fully incorporated in and made a part of this Phase Authorization Form.

Part VII. Mitigation Calculation (For CDFW Use Only)

According to Condition of Approval 12, the total impacts on Covered Species and the corresponding amount of compensatory mitigation required for each Phase of the Project shall be determined prior to the beginning of each Phase.

Table 6. Total Project Permanent Impacts by Species

Total Project permanent habitat impacts by Covered Species for all approved Project Phases to date.

Species	Habitat Type	Total Acres Permanently Impacted by Proposed Phase	Total Acres Permanently Impacted by Project (all Phases to date)	Total Compensatory Mitigation Required (acres) plus get ahead, stay ahead	Total Compensatory Mitigation Completed (acres)

Purchase of Covered Species credits, restoration (where required), permanent HM land protection, and funding for perpetual monitoring and management of compensatory habitat, must be complete before starting Covered Activities, or if Security is provided pursuant to Condition of Approval 13 for all uncompleted obligations, before incurring impacts to Covered Species for each Phase’s Covered Activities (Part VIII).

List of total compensatory mitigation for each Covered Species:

- California tiger salamander (aquatic):
- California tiger salamander (upland):
- Giant garter snake (aquatic):
- Giant garter snake (upland):
- Swainson’s hawk (nesting trees):
- Swainson’s hawk (foraging):
- Tricolored blackbird (nesting):
- Tricolored blackbird (breeding and nonbreeding foraging):
- Crotch bumble bee (all life stages):
- Mason’s lilaeopsis (all life stages):
- Western burrowing owl (breeding, foraging, wintering, and dispersal):
- Delta smelt (tidal perennial):
- Delta smelt (shallow spawning):
- Longfin smelt (tidal perennial):
- Longfin smelt (shallow spawning):
- Winter-run Chinook salmon (tidal perennial):
- Winter-run Chinook salmon (channel margin):
- Spring-run Chinook salmon (tidal perennial):
- Spring-run Chinook salmon (channel margin):
- White sturgeon (tidal perennial):
- White sturgeon (channel margin):

To meet this requirement, the Permittee shall either purchase Covered Species credits from a CDFW-approved mitigation or conservation bank pursuant to Condition of Approval 12.10 OR shall provide for both the permanent protection and management of Habitat Management (HM) lands pursuant to Condition of Approval 12.11 and the calculation and deposit of the management funds pursuant to Condition of Approval 12.12 in total with the above calculation.

Part VIII. Security Calculation (For CDFW Use Only)

The Permittee may proceed with Covered Activities for a specific Phase only after the Permittee has ensured funding (Security) to complete any mitigation required for that Phase that has not been completed before Covered Activities begin. Please note that the security amount per acre of each habitat type may be different from what is listed in the ITP and/or previous Phase Authorizations due to changes in market conditions. Permittee shall provide Security as follows:

California tiger salamander (aquatic) estimated at \$_____ with an addition of \$_____ due to current market conditions.

California tiger salamander (upland) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Giant garter snake (aquatic) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Giant garter snake (upland) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Swainson's hawk (nesting) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Swainson's hawk (foraging) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Tricolored blackbird (nesting) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Tricolored blackbird (breeding and nonbreeding foraging) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Crotch bumble bee (all life stages) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Mason's lilaeopsis (all life stages) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Western burrowing owl (all life stages) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Delta smelt (tidal perennial) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Delta smelt (shallow spawning) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Longfin smelt (tidal perennial) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Longfin smelt (shallow spawning) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Winter-run Chinook salmon (tidal perennial) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Winter-run Chinook salmon (channel margin) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Spring-run Chinook salmon (tidal perennial) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Spring-run Chinook salmon (channel margin) estimated at \$_____ with an addition of \$_____ due to current market conditions.

White sturgeon (tidal perennial) estimated at \$_____ with an addition of \$_____ due to current market conditions.

White sturgeon (channel margin) estimated at \$_____ with an addition of \$_____ due to current market conditions.

Total Security: \$ _____

The Security shall be in the form of an irrevocable letter of credit, or another form of Security approved in advance, in writing by CDFW.

Attach the following support documents:

- Banking documents showing the cost of species credits (if using bank credits)
- Habitat Delineation

Part IX. Permittee Signature

A fully executed Phase Authorization Form signifies that the proposed Phase, if implemented as detailed in this Phase Authorization, is consistent with the Incidental Take Permit Number 2081-2024-018-00, authorizing the incidental take for individual Project Phases under certain limited conditions.

By my signature below, I certify that the information I provided in connection with this application is true, accurate and complete and I agree on behalf of the Permittee that it will comply fully with all terms and conditions stated herein. The undersigned: (1) warrants that he or she is acting as an authorized representative of the Permittee, (2) acknowledges receipt of this Phase Authorization Form, and (3) agrees on behalf of the Permittee to comply with all terms and conditions of the ITP.

Name:	Title:
Signature:	Date:

Part X. CDFW Signature

The signatures below indicate the consent of the CDFW to extend incidental take coverage to this Phase of the project as described in the ITP and this Phase Authorization Form. Extension of incidental take coverage to this Phase is conditioned on the Permittee's authorized representative signing this Phase Authorization Form, indicating the Permittee's agreement to comply with all terms and conditions.

Name:	Title:
Signature:	Date: