

June  
2021

# The HCP Process

---

An Opportunity for Conservation  
for Private Landowners



# Contents

---

- I. Message from the Natural Resource Agencies
- II. General Information About Habitat Conservation Plans
- III. Status Update on the Cache Slough Complex HCP
- IV. Conservation Strategy Discussion





# CDFW, FWS, NMFS

---

## Our Goals

6/11/2021

3



# Our Expectations

---

An HCP should be a win-win situation.

- Input from potential participants.
- Conservation of wildlife and the resources they depend on.
- Actions will benefit both landowners and listed species.

6/11/2021





# Outreach

---

We want to hear from you about your understanding of this HCP and your suggestions to make it work for you.

- Your general understanding of this effort, your interest in it, and your ideas for it.
- We consider this to be the beginning of the conversation.
- We would like to be your partner.
- We will be a resource to you.

6/11/2021







# General HCP Info

---

The Intent

6/11/2021

6



# History of HCPs

---

The Endangered Species Act did not originally have the option of HCPs.

- ESA
  - §9 prohibitions
  - §10 exceptions
    - §10(a)(1)(A) recovery permits and safe harbor agreements
    - §10(a)(1)(B) habitat conservation plans
- The “No Surprises” Rule

6/11/2021





# The HCP Process

The process will look different for each HCP but we strive to have four phases.

6/11/2021

8

Phase 1: Pre-Application  
Basic outline of the HCP  
and the process.

Phase 2: HCP Development  
and Environmental  
Compliance Documents

Phase 3: Application  
Submitted, Processed, and  
Final Rule Issued

Phase 4: HCP  
Implementation, Monitoring,  
and Adaptive Management



# Role of the Natural Resource Agencies

---

The primary role of the agencies is to provide technical advice to the applicant.

- Help the applicant and their consultant to create an HCP that meets statutory requirements.
- Provide scientific information about the species, monitoring programs, and conservation strategies.
- Provide tools such as climate change models, habitat suitability indices, etc.
- Inform the applicant of any funding opportunities, primarily Section 6 grants.
- Review drafts and create a decision file.
- Participating in public outreach.
- Coordinating internally.

6/11/2021







# CSC HCP

---

## Status Update

6/11/2021

10



# Progress to Date

---

With ICF and participating stakeholders taking the lead, we are developing a programmatic HCP.

- Phase 2
- The beginning chapters have been drafted and discussed – Introduction, Physical and Biological Resources, Covered Activities, Species to be Covered, and the Effects Analysis.
- We have begun discussing conservation measures.

6/11/2021



# Conservation Measures

---

Conservation measures can include avoidance, minimization, and mitigation measures. Measures must be based on the biological needs of the species and help to meet an HCP goal.

## Minimization Measures

- Modify Operations
- Changes to Infrastructure
- Best Management Practices

## Mitigation Measures

- Habitat Management
- Habitat Restoration



# Conservation Strategy

---

## Key Considerations

- Take must be fully offset.
- Less avoidance and minimization measures, the more mitigation that needs to be done.
- Conservation occurring before take or concurrent with take.

6/11/2021



# Discussion

---

Let's discuss your ideas for the conservation strategy.

6/11/2021

14



# THANK YOU!

---



Angela Galarreta

Steven Detwiler

Jana Affonso

Kimberly Clements

Douglas Hampton

Garwin Yip

Melissa Farinha