

## Next Steps Workplan

### **Task 1 – Implement Interim Stream Corridor Management Plan**

The Jacoby Creek Stream Corridor Management Plan (SCMP or Plan) provides a framework to assist Jacoby Creek corridor landowners with actions to be taken within and adjacent to Jacoby Creek to reduce flooding while maintaining beneficial aquatic habitat for fish species. The Plan complements long-term creek restoration planning efforts currently in progress and is intended to provide landowners with an interim strategy until long-term restoration is completed.

Implementation of the Plan includes the following subtasks:

#### **Subtask 1.1 – Assessment Monitoring**

- Walk channel (includes development of monitors)
- Complete debris jam assessment worksheet at each debris jam
- Prioritize jams via their Action Level

#### **Subtask 1.2 – Workplan Development**

- Develop a description for each high priority jam to be modified
- Coordinate landowner approvals to determine which maintenance projects are feasible

#### **Subtask 1.3 – Regulatory Approvals**

- Complete an IS/MND for the suite of jam modification projects
  - o Lead Agency unknown at this time
  - o Unknown if cultural resources report will be required – likely to be required. In which case, only complete cultural resources report for upstream of Old Arcata Road.
- Complete and submit permit applications for the suite of jam modification projects
  - o Likely to include: Biological Assessment/Opinion (NMFS – ESA), Section 404 (USACE), Section 401 (NCRWQCB), LSAA 1600 (CDFW), Incidental Take Permit or Consistency Determination (CDFW for CESA), Conditional Use Permit (Humboldt County)
    - It is assumed that jam modification projects would occur upstream of Old Arcata Road, outside of the Coastal Zone and therefore no Coastal Development Permit is needed.

#### **Section 1.4 – Implementation of Jam Modification Projects**

- Pre-implementation:
  - o Identify entity to implement workplan (likely California Conservation Corps).
  - o Conduct Pre-construction biological clearance surveys (nesting bird; fish relocation as needed)

- Implementation
  - o Oversight or work completed and BMPs

### **Section 1.5 – Effectiveness Monitoring**

- Conduct post-implementation monitoring as required by project permits

## **Task 2 – Special Studies**

The following special studies will be conducted to support the alternative analyses, CEQA, permitting, and Project design.

### **Subtask 2.1 – Upland Delineation**

- Determine areas of uplands (outside of coastal zone)
- Determine areas of uplands (within coastal zone)
- Mapping of riparian corridor
- Aquatic Resources Delineation Report for Preliminary Jurisdictional Determination (PJD)

### **Subtask 2.2 – Biological Resources**

- Database searches
- Reconnaissance-level wildlife survey
- Protocol level rare plant survey and mapping (in accessible areas)
- SNC mapping
- Vegetation community mapping
- Determine general avoidance and minimization measures

### **Subtask 2.3 – Cultural Resources**

- Survey (only downstream of Old Arcata Road and areas outside of the debris jam modification zones that wasn't covered in Task 1 report).
- Report (append to Task 1 cultural report deliverable)

### **Subtask 2.4 – Agricultural Conversion Analysis**

- Assessment of existing vs proposed ag-zoned lands
- Investigate potential Williamson Act contracts
- Provide impact (conversion) analysis to be utilized in CEQA document

## **Task 3 – Alternatives Analysis and Conceptual 30% Design**

Under this task, the alternatives will be developed to concept design level and assessed relative to one another.

### **Subtask 3.1 – Concept Design**

- Develop conceptual designs for three (3) alternatives

### **Subtask 3.2 – Hydraulic Modeling**

- Assess pre- and post-project hydraulic conditions under various fluvial and tidal events.

### **Subtask 3.3 – Geomorphic Assessment**

- Assess pre- and post-project geomorphic conditions, response and sedimentation patterns under various fluvial and tidal events.

### **Subtask 3.4 – Habitat Conversion Assessment**

- Utilize results from special studies to assess pre- and post-project habitat conditions.

### **Subtask 3.5 – 30% Design**

- Develop 30% Designs for Selected Alternative

## **Task 4 – California Environmental Quality Act (CEQA)**

Depending upon the alternative selected, various CEQA pathways could be considered. For Alternatives 2 and 3 the following options may be appropriate whereas for Alternative 1 an Initial Study-Mitigated Negative declaration (ISMND) would be anticipated.

### **Subtask 4.1 – CEQA Environmental Impact Report**

- Option A: Programmatic EIR Coverage (PEIR) with Supplemental Project-level EIR
  - o Downstream portion of Project anticipated to be covered under State Restoration General Order (SRGO) PEIR due to restoration components of Project (assumes SWRCB okay with flood reduction being a mutual benefit of the project, and would allow downstream project to be considered under SRGO umbrella)
  - o Supplemental Project-level EIR would be completed for
    - Downstream portion of Project for site-specific items (cultural resources, botanical, etc.) that are not included in SRGO PEIR.
    - Upstream portion of Project (assuming upstream project is at 30% design)
- Option B: CDFW Statutory Exemption for Restoration Projects (SERP)
  - o Given the project includes flood reduction components that are incidental to the broader restoration approach, this option should be explored with CDFW and could greatly simplify the CEQA process.
- Option C: Project-level EIR
  - o Complete an EIR for entire Project (both upstream and downstream components)

## **Task 5 – Engineering Design, ROW and Permits**

Under this task, the design of the selected alternative will be advanced, and the permits will be developed and submitted to the regulatory agencies.

### **Subtask 5.1 – 65% and 100% Design**

- Develop 65% and 100% Designs for Selected Alternative

### **Subtask 5.2 – Right-of-Way (ROW)**

- Following 65% design, determine what if any additional ROW is needed by County and/or City.

#### **Subtask 5.3 – Permit Applications and Supporting Documents**

- Develop Permit Applications with Supporting Documents and submit to the regulatory agencies.

### **Task 6 – Construction Administration and Management**

These tasks include the administration and management of the construction contract during project construction.

#### **Subtask 6.1 – Compile Construction Documents and Administer Bid Process**

- Compile bid package and administer public bid process.

#### **Subtask 6.2 – Construction Inspection and Management**

- Provide on-site inspection and management of the construction contract.

### **Task 7 – Post-Construction Monitoring**

The task includes the post-construction monitoring and reporting to document the performance of the project in meeting the stated goals and objectives. The reporting requirements are commonly defined during the permitting process.