

i. Proposal number.#2001-L217*

ii. Short proposal title.# Meridian Farms Water Company Fish Screen Project*

APPLICABILITY TO CALFED ERP GOALS AND IMPLEMENTATION PLAN

1a1. Link to ERP Strategic Goals: What Strategic Goal(s) is /are addressed by this proposal? List the letter(s) of all that apply.

- A. At-risk species**
- B. Rehabilitate natural processes**
- C. Maintain harvested species**
- D. Protect-restore functional habitats**
- E. Prevent non-native species and reduce impacts**
- F. Improve and maintain water quality#See 1g***

1a2. Describe the degree to which the proposal will contribute to the relevant goal. Quantify your assessment and identify the contribution to ERP targets, when possible.#

1b. Objectives: What Strategic Objective(s) is/are addressed by this proposal? List Objective (from the table of 32 objectives) and describe potential contribution to ERP Goals. Quantify your assessment, when possible.#

1c. Restoration Actions: Does the proposal address a Restoration Action identified in Section 3.5 of the PSP? Identify the action and describe how well the proposed action relates to the identified Restoration Action.#

1d. Stage 1 Actions: Is the proposal linked directly, indirectly or not linked to proposed Stage 1 Actions? If linked, describe how the proposal will contribute to ERP actions during Stage 1.#

1e. MSCS: Describe how the proposal is linked to the Multi-Species Conservation Strategy and if it's consistent with the MSCS Conservation measures. Identify the species addressed and whether the proposal will "recover", "contribute to recovery" or "maintain" each species.#

1f. Information Richness/Adaptive Probing related to the proposal: Describe the degree to which the proposal provides information to resolve one of the 12 scientific uncertainties (Section 3.3 of the PSP), and whether the proposal offers a prudent approach to answer these uncertainties.#

1g. Summarize comments from section 1a through 1f related to applicability to CALFED goals and priorities. Identify the strengths and weaknesses of the proposal, highlighting the applicability of the proposed project to CALFED and CVPIA goals and priorities. Focus on aspects of the proposal that may be important to later stages in the project review and selection process.#

APPLICABILITY TO CVPIA PRIORITIES

1i. Describe the expected contribution to natural production of anadromous fish. Specifically identify the species and races of anadromous fish that are expected to benefit from the project, the expected magnitude of the contribution to natural production for each species and race of anadromous fish, the certainty of the expected benefits, and the immediacy and duration of the expected contribution. Provide quantitative support where available (for example, expected increases in population indices, cohort replacement rates, or reductions in mortality rates).# Proposal is for design of fish screen(s) for three Meridian Farms Sacramento River diversions

that collectively divert approximately 200 cfs with one option to evaluate consolidation of diversion sites. Diversion(s) impact all upper Sacramento River anadromous salmonids including fall, late-fall, winter and spring run chinook salmon, and steelhead, and additionally include white and green sturgeon, striped bass and shad. Installation of fish screen will provide immediate and long-term benefits. In general it is assumed that entrainment of target fish is proportional to the water diversion rate from the Sacramento River.*

1j. List the threatened or endangered species that are expected to benefit from the project. Specifically identify the status of the species and races of anadromous fish that are expected to benefit from the project, any other special-status species that are expected to benefit, and the ecological community or multiple-species benefits that are expected to occur as a result of implementing the project.# All upper Sacramento River anadromous salmonids are benefited and specifically include the state and federally listed winter run (endangered) and spring run (threatened) chinook salmon, and steelhead (threatened), as well as the federal candidate species fall and late-fall run chinook salmon.. Additionally, the federally listed splittail, and other CVPIA priority species including white and green sturgeon, shad and striped bass will benefit.*

1k. Identify if and describe how the project protects and restores natural channel and riparian habitat values. Specifically address whether the project protects and restores natural channel and riparian habitat values, whether the project promotes natural processes, and the immediacy and duration of benefits to natural channel and riparian habitat values.# This project has no effect upon channel or riparian values, as pumps are located on existing levee bank.*

1l. Identify if and how the project contributes to efforts to modify CVP operations. Identify the effort(s) to modify CVP operations to which the proposed project would contribute, if applicable. Efforts to modify CVP operations include modifications to provide flows of suitable quality, quantity, and timing to protect all life stages of anadromous fish as directed by Section 3406 (b)(1)(B) of the CVPIA, including flows provided through management of water dedicated under Section 3406(b)(2) and water acquired pursuant to Section 3406(b)(3).# Project has no known impacts upon CVP operations.*

1m. Identify if and how the project contributes to implementation of the supporting measures in the CVPIA. Identify the supporting measure(s) to which the proposed project would contribute, if applicable. Supporting measures include the Water Acquisition Program, the Comprehensive Assessment and Monitoring Program, the Anadromous Fish Screen Program, and others.# This proposal specifically implements actions included under the CVPIA Anadromous Fish Screen Program and has received previous AFSP funding.*

1n. Summarize comments from section 1i through 1m related to applicability to CVPIA priorities (if applicable, identify the CVPIA program appropriate to consider as the source of CVPIA funding [for example, the Anadromous Fish Restoration Program, Habitat Restoration Program, Water Acquisition Program, Tracy Pumping Plant Mitigation Program, Clear Creek Restoration Program, Comprehensive Assessment and Monitoring Program, and Anadromous Fish Screen Program]). Identify the strengths and weaknesses of the proposal, highlighting the applicability of the proposed project to CALFED and CVPIA goals and priorities. Focus on aspects of the proposal that may be important to later stages in the project review and selection process.# Proposal is for final design and environmental permitting for a fish screens(s) on Meridian Farms Water Company diversions located along the Sacramento River between River Mile 125.8 and 134.2, which in the aggregate divert approximately 200 cfs. The diversion(s) locations potentially impact fall, late-fall, winter and spring run salmon, steelhead, white and green sturgeon, splittail, striped bass and shad. The initial stage of this project to develop feasibility options for design and potential consolidation of diversion points was previously funded through the CVPIA anadromous Fish Screen Program and is scheduled for completion by September 2000. This project, if implemented would contribute to the goal of the AFRP to double anadromous fish

populations and supports AFRP Sacramento River Action 6 and is properly considered for funding by the AFSP. Although limited information is contained within the proposal, assessment and prioritization for funding should be based upon further anadromous Fish Screen Program review.*

RELATIONSHIP TO OTHER ECOSYSTEM RESTORATION PROJECTS

2a. Did the applicant explain how the proposed project relates to other past and future ecosystem restoration projects, as required on page 57 in the PSP? Type in yes or no.#yes*

2b. Based on the information presented in the proposal and on other information on restoration projects available to CALFED and CVPIA staff, describe how the proposed project complements other ecosystem restoration projects, including CALFED and CVPIA. Identify projects or types of projects that the proposed project would complement, now or in the future. Identify source of information.#Project supports recovery of at-risk species and reduces impacts of fish entrainment. Benefits overall ecological health of the Bay-Delta and its tributaries. Source: Proposal*

RESULTS AND PROGRESS ON PREVIOUSLY FUNDED CALFED AND CVPIA PROJECTS, INCLUDING REQUESTS FOR NEXT-PHASE FUNDING

3a1. Based on the information presented in the proposal and on project reports and data available to CALFED and CVPIA staff, has the applicant previously received CALFED or CVPIA funding? Type CALFED, CVPIA, both, or none.#CVPIA*

3a2. If the answer is yes, list the project number(s), project name(s) and whether CALFED or CVPIA funding. If the answer is none, move on to item 4.# 99-FG-20-0251, Anadromous Fish Screen Program, Meridian Farms Water Company Grant, CVPIA*

3b1. Based on the information presented in the proposal and on project reports available to CALFED and CVPIA staff, did the applicant accurately state the current status of the project(s) and the progress and accomplishments of the project(s) to date? Type yes or no.# Yes*

3b2. If the answer is no, identify the inaccuracies:##

3c1. Has the progress to date been satisfactory? Type yes or no.#yes*

3c2. Please provide detailed comments in support of your answer, including source of information (proposal or other source):#The proposal states that the feasibility study is anticipated to be completed in September, 2000.*

REQUESTS FOR NEXT-PHASE FUNDING

3d1. Is the applicant requesting next-phase funding? Type yes or no.#yes*

3d2. If the answer is yes, list previous-phase project number(s) here. If the answer is no, move on to item 4.#99-FG-20-0251*

3e1. Does the proposal contain a 2-page summary, as required on pages 57 and 58 of the PSP? Type yes or no.#no*

3e2. Based on the information presented in the summary and on project reports available to CALFED and CVPIA staff, is the project ready for next-phase funding? Type yes or no.#yes*

3e3. Please provide detailed comments in support of your answers, including source of information (proposal or other source):#Although the proposal does not contain a 2-page summary of the existing project is anticipated to be completed in September, 2000.*

LOCAL INVOLVEMENT

4a. Does the proposal describe a plan for public outreach, as required on page 61 of the PSP? Type yes or no.# No*

4b. Based on the information in the proposal, highlight outstanding issues related to support or opposition for the project by local entities including watershed groups and local governments, and the expected magnitude of any potential third-party impacts.# There do not seem to be issues related to support for or opposition against the project, although the project, although assessment is based solely upon information contained in the proposal and should be verified in greater detail by the Anadromous Fish Screen Program.*

ENVIRONMENTAL COMPLIANCE

4d. List any potential environmental compliance or access issues as identified in the PSP checklists.# Everything looks good.*

4e. Specifically highlight and comment on any regulatory issues listed above that may prevent the project from meeting the projected timeline.# None.*

COST

5a. Does the proposal include a detailed budget for each year of requested support? Type yes or no.# no*

5b. Does the proposal include a detailed budget for each task identified? Type yes or no.# no*

5c. Is the overhead clearly identified? Type yes or no.# no*

5d. Are project management costs clearly identified? Type yes or no.# no*

5e. Please provide detailed comments in support of your answers to questions 5a - 5d.# No details provided on cost.*

COST SHARING

6a. Does the proposal contain cost-sharing? Type yes or no.# yes*

6b. Are applicants specifically requesting either state or federal cost share dollars? Type state, federal, or doesn't matter.# state and federal*

6c. List cost share given in proposal and note whether listed cost share is identified (in hand) or proposed.

6c1. In-kind:# \$0*

6c2. Matching funds:# \$300,000 proposed from Prop. 204*

6c3. Show percentage that cost sharing is of total amount of funding requested along with calculation.# 50% CVPIA AFSP and 50% Prop 204 or $\$300,000/600,000=.5^*$

6d. Please provide detailed comments in support of your answers to questions

6a - 6c3.# CVPIA proposal for a total of \$600,000. Applicant requesting \$300,000 from CVPIA AFSP and \$300,000 from Prop.204.*