

FISH PASSAGE IMPROVEMENT PROGRAM

PROGRAM COORDINATION

- ISI Staff
- CALFED
 - Yuba River Program (Englebright Res.)

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Fish Passage Improvement

Phase I

- Inventory of structures and upstream habitat
 - Evaluation of ecological benefits
 - Evaluation of water use issues
 - Prioritization of potential projects
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Phase II

- Project specific planning
 - Project specific feasibility studies
 - Project specific environmental documentation
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Phase III

- Final fish passage design work
- Project environmental permitting
- Project Implementation

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Program Conceptual Model

Two approaches:

- ◆ Existing Opportunities
 - Assist in projects already in progress or proposed
- ◆ Identifying Opportunities
 - Evaluate, prioritize, and propose opportunities
 - Promote stakeholder participation/support

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OUTREACH PROGRAM

- Guidance Committee
- Existing Programs Coordination
- Stakeholder Outreach

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Outreach Program

Existing Opportunities

- Participate in existing projects with stakeholders and coordinating agencies.

Coordinating with:

- AFRP (USFWS)
- NMFS
- DFG
- USBR
- ACOE
- CALFED
- Stakeholders

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Outreach Program

Initiating New Opportunities

- Conduct stakeholder “focus group” meetings to:
 - Introduce FPIP; receive comments on program, discuss possible projects, discuss prioritization criteria, and develop action plans.
- Meetings being scheduled for May and June 2000

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Coordination Activities

- Alameda Creek (East Bay Regional Park District, SFPUC, ACWD)
- Yuba River - Daguerre Point
- Butte Creek
- Clear Creek - McCormick-Seltzer
- Cosumnes River
- Battle Creek
- Mill Creek
- More to come....

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BARRIER CRITERIA

Level I

- ① Central Valley/Bay Area
- ② Below “Rim” Dams
- ③ Benefits native ESA listed salmonids
- ④ Located within Critical Habitat
- ⑤ First downstream impediment
- ⑥ Established Program or Stakeholder Supported

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BARRIER CRITERIA

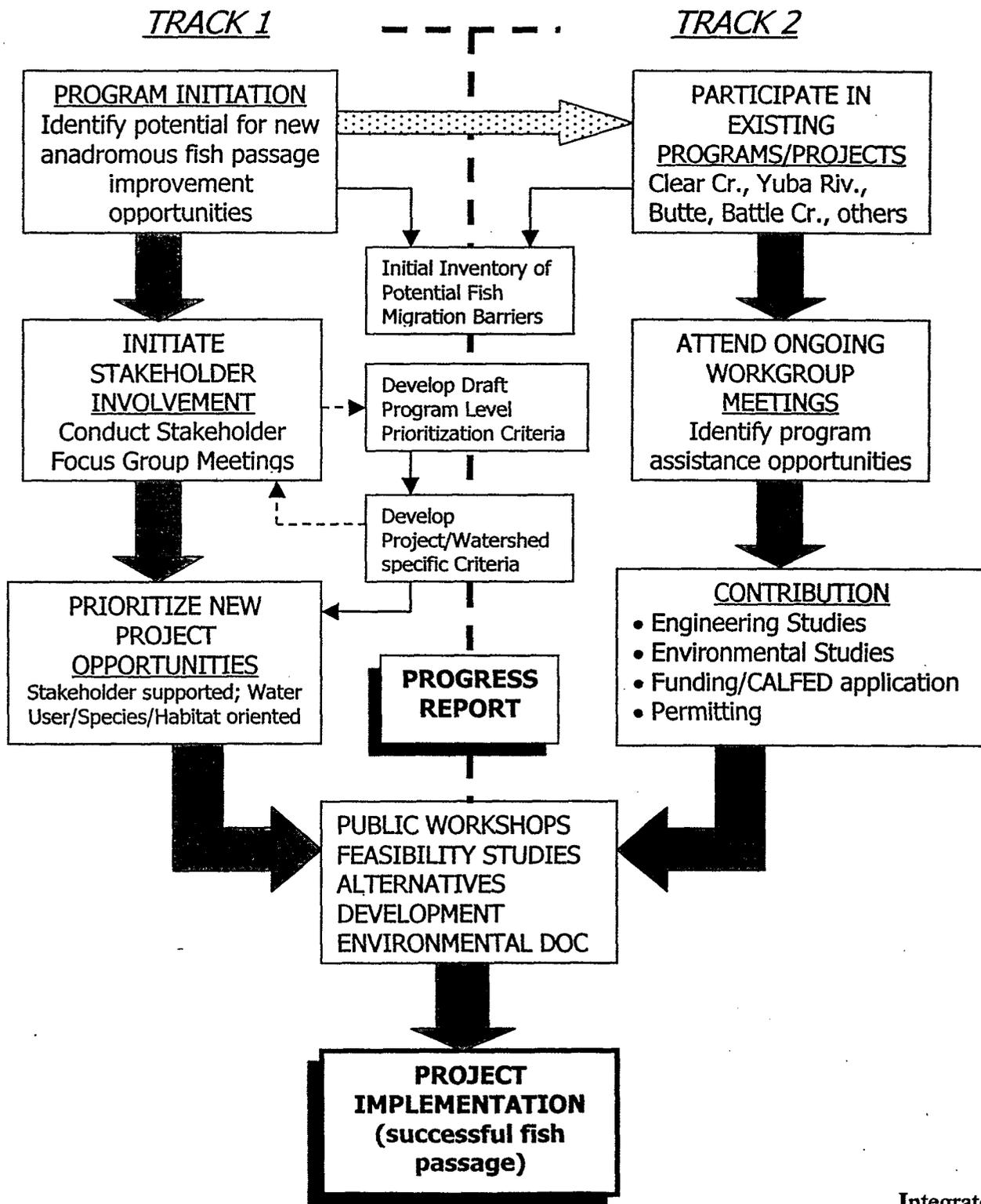
Level II

Higher Priority given to:

- ① Barrier has existing non-functional passage facility
- ② Will not impact flood protection
- ③ No significant water supply impact
- ④ Located in Historical Habitat for listed species
- ⑤ Public safety issues at barrier
- ⑥ Interagency assessments or plans identified as priority
- ⑦ Existing good quality habitat above barrier
- ⑧ Maximum habitat gain within historical habitat

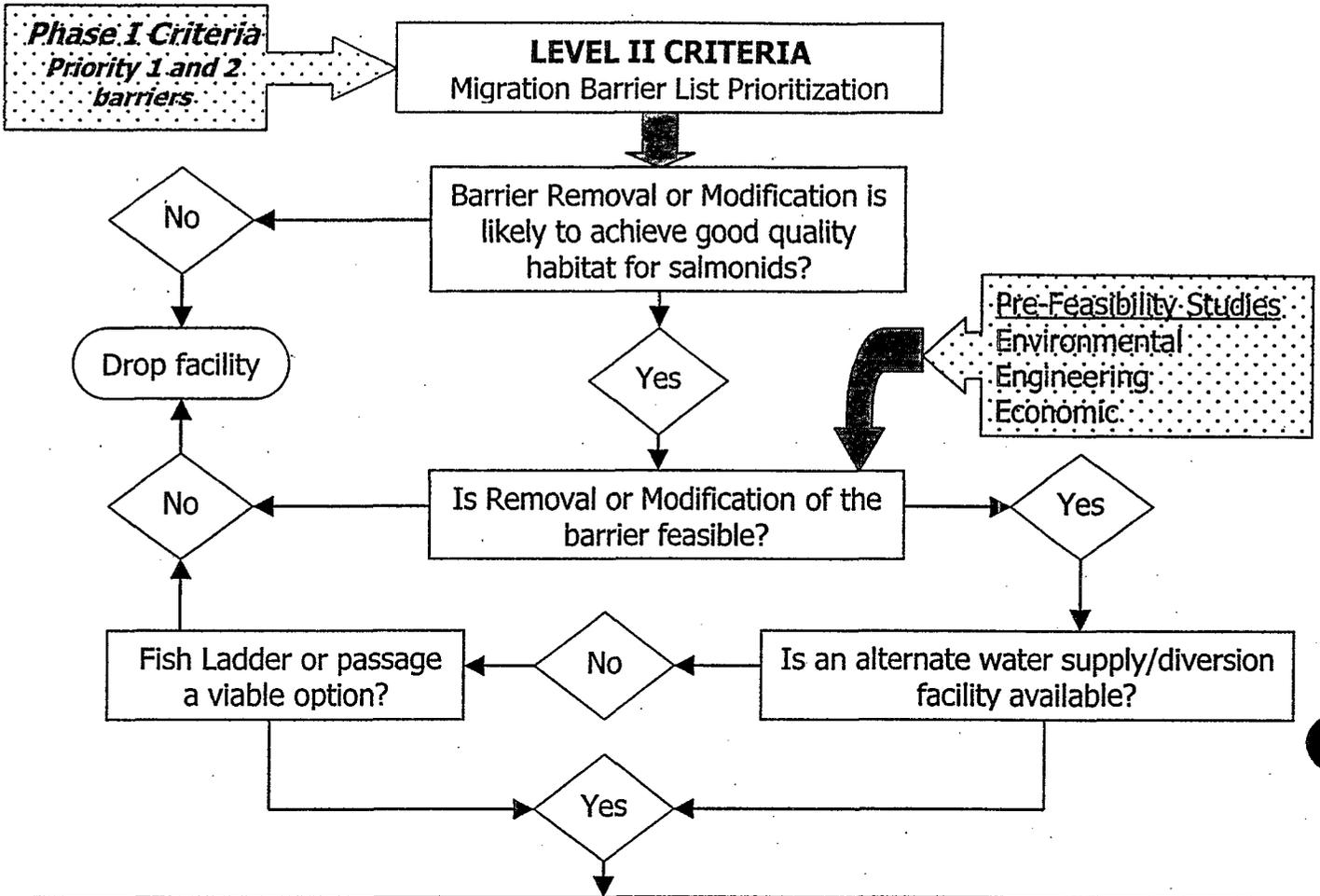
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DRAFT FISH PASSAGE IMPROVEMENT PROGRAM MODEL



DRAFT

FISH PASSAGE IMPROVEMENT BARRIER CRITERIA APPLICATION



Prioritization/Selection Process	
<p style="text-align: center;"><u>Biological</u></p> <ul style="list-style-type: none"> • Expected habitat benefit or need for T&E Anadromous salmonids <ul style="list-style-type: none"> - Good quality habitat existing or restorable - Stream-flows and temperatures adequate - Water Quality adequate - Sediment problems/Toxics • Located in Historical or Essential Habitat for listed anadromous salmonids • Is barrier a high priority for other programs (AFRP, ERPP, etc.) • Is restoration needed for upstream habitat? 	<p style="text-align: center;"><u>Physical/Economic</u></p> <ul style="list-style-type: none"> • There is existing non-functional fish passage at barrier? • Public Safety issues? • Decrease in flood protection? • Is there an O&M commitment? • Can project be completed with a FONSI or Neg-Dec (NEPA/CEQA) • Cost in \$\$ (Estimated) • Cost Share Partners • Sediment Removal/Costs/Toxics • Timeline (predicted)

Barriers selected for removal/modification

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