# CHAPTER 2.0 SUMMARY OF CHANGES

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Since publication of the Draft EIR on April 8, 1996, the following changes have been made to clarify, amplify, and/or correct the first volume. New text which has been added to the DEIR is shown in redline, and text which has been deleted is presented in ~~strikeout~~ format.

The following text revisions are shown in the order in which they appear in the DEIR (i.e., by page number), and the "Text Change #s" provided below are referenced in Section 4.0 (Response to Comments) where appropriate. A revised copy of the Table 2-1: Summary of Impacts and Mitigation Measures is provided in Appendix A.

**Text Change # 1:**

Page 2-2, Section 2.2, Areas of Controversy -- The third bullet is hereby modified to read as follows:

- Ability ~~and~~, practicality, and cost of returning the creek to pre-mining conditions.

**Text Change # 2:**

Page 3-15 -- Goal 2.2-4 is hereby revised to read as follows:

> Ensure that the floodway is maintained to allow other beneficial uses of the channel, including groundwater recharge and riparian vegetation without adversely affecting flood capacity.

**Text Change # 3:**

Page 3-16, Biological Resources -- Objective 4.3-1 is hereby revised to read as follows:

> Conserve and protect existing riparian habitat within the channel, to the greatest extent possible. Where flood protection, erosion control, channel widening, or other activities result in the removal of riparian habitat, require disturbed areas to be replanted to offset potential impacts to existing vegetation.

**Text Change # 4:**

Page 4.2-6 (Figure 4.2-1) --The title block of Figure 4.2-1 has been revised as follows:

> Figure 4.2-1: A-1 and A-P Zoning Within the ~~Planning Area~~ Yolo County MRZ Area

In addition, the "Planning Area" within the legend is hereby changed to "Yolo County MRZ Area."

**Text Change # 5:**

Page 4.2-12 -- The last sentence in the first paragraph is hereby modified to read as follows:

> However, Action 2.4-8 of the CCRMP ~~will~~ would promote a regular source of surface water flow in the creek throughout the year, enhancing the potential for groundwater recharge.

**Text Change # 6:**

Page 4.2-23 -- The fourth sentence of the first paragraph under Impact 4.2-6 is hereby modified as follows:

> ~~The only p~~ Permanent structures within the new creek boundary would be limited to existing power line towers and access roads (which would be protected), ~~and~~ levees (which may be removed or breached to restore the floodplain), and aggregate conveyors.

**Text Change # 7:**

Page 4.2-26 -- Action 5.4-3 is hereby modified to read as follows:

> Identify ~~specific~~ potential locations for future recreational and educational uses along Cache Creek, as shown in Figure 11. Sites shall be located at regular intervals throughout the plan area. Intensive recreational uses shall be located away from designated habitat areas.

**Text Change # 8:**

Page 4.2-27 -- Performance Standard 5.5-8 is hereby modified to read as follows:

> The hunting and/or discharge of firearms along Cache Creek shall be prohibited on public property.

**Text Change # 9:**

Page 4.3-9 -- The last paragraph of the page is amended as follows:

> In-channel gravel extraction has ~~lowered~~ occurred within portions of the creek where the channel thalweg has been lowered more than ten feet for several miles. ~~and narrowed the channel to~~ In the vicinity of gravel mining operations, the channel

width has been significantly reduced for more than 1,200 feet upstream and downstream from the Esparto and Stevens Bridges.

**Text Change # 10:**

Page 4.3-8 -- The third sentence of the second paragraph on the page has been amended as follows:

> Where the middle clay is absent, the total thickness of sand and gravel deposits (including minor sit and clay layers or lenses) measured south of ~~Capay~~ Cache Creek is 50 to 58 feet. The lower .....

**Text Change # 11:**

Page 4.3-30 -- The first paragraph is hereby amended as follows:

> *PS. 3.5-4 Sediment fines generated by aggregate processing shall be used for agricultural enhancement, revegetation projects, or shall be placed in settling ponds, designed and operated in accordance with all applicable regulations, and used for backfill materials in off-channel excavations, formerly mined in-channel areas, or in areas behind levees.*

**Text Change # 12:**

Page 4.4-3 -- The fifth paragraph is hereby amended as follows:

> ~~Diversions of Cache Creek occur at the Indian Valley Dam (on the North Fork of Cache Creek), an earthen dam at Rumsey, and the Capay Dam (located at the western margin of the planning area). The dam at Capay diverts nearly all summertime flows to the Adams and Winters Canals for agricultural use. The mean annual runoff within Cache Creek is estimated at 577,000 acre-feet at Capay and 374,000 at Yolo (NHC, 1995).~~
>
> Several dams are operated on Cache Creek and its tributaries. The Indian Valley Dam (on the North Fork of Cache Creek) was constructed to store water for subsequent release to the channel. Diversion dams, which direct surface water into irrigation canal systems, are operated on Cache Creek at Capay and Rumsey. The mean annual runoff[2] within Cache Creek is estimated at 577,000 acre-feet at Capay and 374,000 at Yolo (NHC, 1995).

**Text Change # 13:**

Page 4.4-11 -- The sixth sentence of the first paragraph is amended as follows:

> The five bridges (Capay, Esparto, Madison, ~~Stephens,~~ Stevens, and Yolo) had been constructed across the channel.

Page 4.4-13, Table 4.4-1 -- The fifth row under "Comments" column is amended as follows:

> Well-developed low-flow meanders; significant riparian vegetation; site of former Moore diversion dam; bedrock controls along Dunnigan Hills; some in-channel levees; West Adams Canal drain and ~~Goodenow~~ Goodnow Slough enter upstream from road 94B.

**Text Change # 14:**

Page 4.4-15 -- The first sentence of the second paragraph under "Current Flooding Conditions" is hereby amended as follows:

> Within the planning area, alterations to the Cache Creek channel, resulting from in-stream mining, bridge construction, and improvements to the levees along the creek, have resulted in significant changes to the 100-year floodplain.

**Text Change # 15:**

Page 4.4-30 -- Mitigation Measure 4.4-1a is hereby modified as follows.

> *Action 3.4-2: The County Resource Management Coordinator, and other appropriate County staff, shall negotiate cooperative agreements with the Yolo County Flood Control and Water Conservation District, U.S. Army Corps of Engineers, Regional Water Quality Control Board, Yolo County Resource Conservation District, and U.S. Bureau of Land Management, among others, to extend the provisions of the CCRMP outside of the plan area and incorporate the requirements of other agencies of jurisdiction into the County's planning efforts. Interagency contact shall be initiated at least ~~twice~~ once per year.*

**Text Change # 16:**

Page 4.4-30 -- The first sentence of Mitigation Measure 4.4-1c has been amended as follows:

> *Elimination of mining and in-channel maintenance ~~will~~ may result in loss of 100-year protection. This is a significant and unavoidable impact for Alternative 2. Alternative 3 requires acquisition of floodplain easements for levee overtopping.*

**Text Change # 17:**

Page 4.4-37 -- Mitigation Measure 4.4-3a is hereby modified as follows:

The following text is amended to the end of Action 3.4-1:

> *Public access to County-owned land shall be allowed only at limited points within the CCRMP planning area to facilitate control of potential releases of deleterious materials (including fuel, motor oil, household waste, and debris) that could affect water quality within the Cache Creek channel. Access to private property along the creek should be discouraged through posting "No Trespassing" signage.*

**Text Change # 18:**

Page 4.6-20 -- The first sentence under the "Draft CCRMP" is hereby modified as follows:

> The CCRMP would prohibit commercial mining ~~and hauling~~ within the active channel, and serve to minimize the associated disturbance to the riparian cover.

**Text Change # 19:**

Page 4.6-25 -- Mitigation Measure 4.6-1a is hereby amended to read as follows:

> The following revisions shall be made to Performance Standard 4.5-9 to provide optional planting methods for cottonwood.
>
> > *All plant materials should preferably be collected in the vicinity of the project site in order to maintain the genetic stock and provide the most site-adapted ecotypes. If seeding of native herbaceous species is proposed, seeds should preferably be collected, cleaned, tested for viability, and stored appropriately by a qualified native seed supplier. Cottonwood cuttings shall be collected and contract-grown at a nursery with staff experienced in the propagation of native plants. Alternatively, cottonwood cuttings can be collected from vegetation in the project vicinity and stockpiled for planting within 24 hours of collection. Willow cuttings can be collected from vegetation in the project vicinity and stockpiled for planting within 24 hours of collection. Other woody riparian species should preferably be collected and contract-grown from local seed by a qualified native plant nursery.*

**Text Change # 20:**

Page 4.6-28 -- The following species shall be added to the existing list provided in Performance Standard 4.5-13(g):

| Species (common name) | Density (plugs per acre) |
|---|---|
| Tule | 100 |
| Bulrush | 100 |

**Text Change # 21:**

Page 4.6-29 -- The following species shall be added to the list provided in Performance Standard 4.5-14(c):

| Species (common name) | Density (number or pounds/acre) |
|---|---|
| Oregon ash | 16 |
| Western sycamore | 16 |

The following species shall be added to the existing list provided in Performance Standard 4.5-15(b):

| Species (common name) | Density (number or pounds/acre) |
|---|---|
| Toyon | 10 |
| Redbud | 10 |
| Coffeberry | 10 |

**Text Change # 22:**

Page 4.6-31 -- Mitigation Measure 4.6-2a is hereby amended to read as follows:

*The following text shall be deleted from the ~~included as an~~ additional Action policy in Chapter 4 of the CCRMP: ~~to provide appropriate flexibility in designing site-specific restoration guidelines.~~*

*4.4-12 Performance standards identifying planting procedures and methods, soil amendments and stabilizers, and appropriate species and planting densities for marshland, oak woodland, and riparian woodland restoration efforts should be considered guidelines. Variations from these guidelines shall be acceptable if alternative restoration plans have been prepared by a qualified biologist, consistent with the policies of the CCRMP. ~~and approved by the Resource Management Coordinator or Planning Commission, depending on the magnitude of the proposed modification.~~*

**Text Change # 23:**

Page 4.7-15 -- Mitigation Measure 4.7-2a is hereby amended to read as follows:

*The following new Performance Standard should be included in the CCRMP:*

*All internal combustion engine driven equipment and vehicles shall be kept tuned according to the manufacturers specifications and properly maintained to*

*minimize the leakage of oils and fuels. No vehicles or equipment shall be left idling for a period of longer than ~~5~~ 10 minutes.*

**Text Change # 24:**

Page 4.12-6 -- Mitigation Measure 4.12-1c is hereby amended as follows:

*PS 3.5-1: All heavy equipment used for the channel improvement projects shall be kept in good working order to reduce emissions and preclude the leakage of oils and fuels. Fueling and maintenance activities shall not occur within 100 feet of the active channel. All procedures for handling, storage, and disposal of hazardous materials shall be described in a Storm Water Pollution Prevention Plan if required for the projects. Any long-term project (e.g., extensive erosion control, gravel removal) in or immediately adjacent to the channel, and that involves the use of heavy equipment, shall have a chemical spill prevention and emergency plan filed and approved by the appropriate local agency; the plan must include training of the equipment operator and workers in spill reporting and how to minimize environmental damage.*

**Text Change # 25:**

Appendix C (CCIP), Page 4 -- The text in the third paragraph of the page is amended as follows:

The Resource Management Coordinator (RMC), assigned by the Director of the YCCDA, will ~~serve as the chairperson of~~ be responsible for management of all activities conducted by the TAC. The RMC will have...

Appendix C (CCIP), Page 4 -- The text in the last paragraph is amended as follows:

....construction of improvement projects. The following tasks will be the responsibility of the TAC under the direction and supervision of the RMC:

Appendix C (CCIP), Page 5 -- The text in the second paragraph of the page is amended as follows:

The TAC shall consist of a ~~four~~ three-person interdisciplinary group comprised of the following:

~~1. The Resource Management Coordinator (RMC);~~

~~2~~1. A qualified river engineering specialist (hydraulic engineer);

~~3~~2. A qualified fluvial geomorphologist;

43. A qualified biologist with experience in riparian restoration.

Nominations for appointment to the TAC will be approved by the Board of Supervisors. The TAC members may be compensated under a time-and-materials contract with the County. The term of the TAC member contracts will be two years with the opportunity for unlimited extensions pending approval by the Board of Supervisors. The TAC will be required to submit a yearly budget to the RMC for review and submittal for approval by the Board.

The ~~TAC~~ RMC will be responsible for making recommendations related to supervision of all four elements of the CCIP, based on the activities conducted by the TAC. ~~However,~~ Yolo County will be responsible and liable for implementation of the ~~TAC~~ RMC recommendations.

**Text Change # 26:**

Appendix C (CCIP), Page 5 -- The preliminary list of potential participants in the Cache Creek Stakeholders Group is hereby modified as follows:

- ~~Division of Mines and Geology~~ Department of Conservation

**Text Change # 27:**

Appendix C (CCIP), Page 6 -- The list of Cache Creek Shareholders is amended as follows:

- Yolo County Aggregate Producers ~~Association~~
- U.S. Army Corps of Engineers
- Property Owners along Cache Creek
- Community of Madison
- Community of Esparto
- Community of Capay

**Text Change # 28:**

Appendix C (CCIP), Page 6 -- The fourth sentence of the last paragraph of the page is amended as follows:

...improvements. With authorization by the Board, the ~~TAC~~ RMC will submit a letter to landowners requesting....

**Text Change # 29:**

Appendix C (CCIP), Page 7 -- The third paragraph of the page is amended as follows:

The implementation of the CCIP would be funded initially ~~primarily~~ through fees generated by a surcharge on the weight of aggregate resources sold (not mined) within the County. In addition to this source of funding, the County shall aggressively pursue other potential sources of funding, including user fees, benefit assessments, and grants from state and federal funding sources for watershed management. The fees and other funding would be collected by .....

**Text Change # 30:**

Appendix C (CCIP), Pages 7 and 8 – The following amendments have been made to the annual schedule for the CCIP:

| | |
|---|---|
| ~~15~~ 1 April | Completion of aerocartography |
| March/April | Discussions between TAC and interested landowners regarding potential projects, including maintenance activities. |
| ~~15~~ 1 May | Completion of Digital Terrain Model and channel cross-section and analysis of model by TAC. |

**Text Change # 31:**

Appendix C (CCIP), Page 15 -- The text of the second paragraph of the page has been amended as follows:

....or where it would be reduced from a present capacity below this level, aggradation in the channel ~~may~~ would not be acceptable unless the loss of capacity is compensated by other channel modifications. Bar formation....

**Text Change # 32:**

Appendix C (CCIP), Page 16 -- The following text is added to end of the second bulleted item on the page:

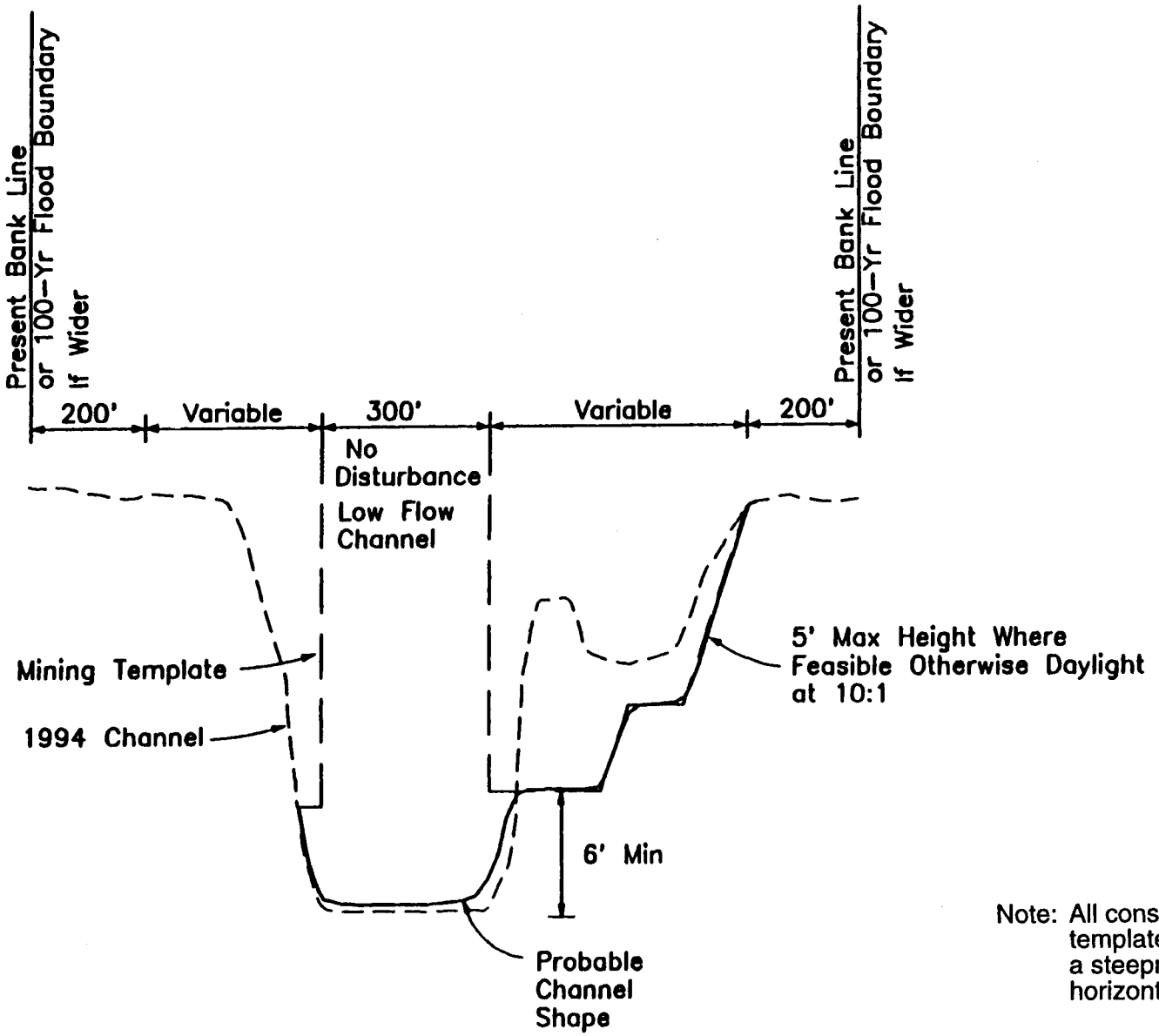
Excavation is not permitted by the templates below a level six feet above the Thalweg elevation except where buildup of aggregate material would reduce channel capacity to below the 100-year flood capacity. Adjustments to the recommended cross-section templates may be necessary to permit aggregate removal under these circumstances.

**Text Change # 33:**

Appendix C (CCIP), Figure 3-7 -- Figure 3-7 has been modified as shown.

# CROSS-SECTION TEMPLATE, NARROW CHANNEL

**FIGURE 3-7**




Note: All constructed slopes for all templates should not exceed a steepness of 2:1 (vertical: horizontal)

Not to Scale