

Agency	Permit, Decision, Approval, or Other Action^a
Reclamation District 551 (NEPA cooperating agency)	Easement/Right of way
Reclamation District 3 (NEPA cooperating agency)	Easement/Right of way
North Delta Water Agency (NEPA cooperating agency)	Interest in resource issues
<i>Individual SWP contractors</i>	
Alameda County Flood Control and Water Conservation District, Zone 7 (potential CEQA responsible agency)	Possible actions related to the BDCP or other conservation plan alternatives
Santa Clara Valley Water District (potential CEQA responsible agency)	Possible actions related to the BDCP or other conservation plan alternatives
Kern County Water Agency (potential CEQA responsible agency)	Possible actions related to the BDCP or other conservation plan alternatives
Metropolitan Water District of Southern California (potential CEQA responsible agency)	Possible actions related to the BDCP or other conservation plan alternatives
<i>Individual CVP contractors^c</i>	
San Luis & Delta-Mendota Water Authority (potential CEQA responsible agency)	Possible actions related to the BDCP or other conservation plan alternatives
The Westlands Water District (potential CEQA responsible agency)	Possible actions related to the BDCP or other conservation plan alternatives
^a This list is not all inclusive and the agencies may use the EIR/EIS for other requirements not identified in this table. ^b The term <i>potential</i> is used in this table generally. Whether particular entities are responsible agencies will be determined when a final BDCP is approved. ^c To be determined when financing agreements are identified.	

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1.2 Purpose of Recirculated/Supplemental Documents

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As explained above, the Draft EIR/EIS has been partially revised and is being recirculated for additional public review to address and evaluate the critical changes to Alternative 4 and the addition of Alternatives 4A, 2D, and 5A. Alternative 4A is now the CEQA and NEPA Preferred Alternative. With respect to Alternative 4, the RDEIR/SDEIS describes and analyzes the following: changes to conveyance facility design; revisions to proposed operations; changes to the proposed conservation strategy and habitat mitigation approach; and revisions and corrections to the analyses of certain impacts. Alternative 4A would entail the same conveyance facility design

1 changes, but it would not include the same kinds of changes to Alternative 4 related to BDCP CM2
2 through CM21.

3 To provide the public with the information necessary to understand revisions to the various
4 documents and to limit extraneous information, the Lead Agencies have chosen not to republish
5 complete revisions to the original Draft EIR/EIS, but rather to prepare materials focusing on new
6 contents of the Draft EIR/EIS. The Lead Agencies' primary reason for undertaking additional public
7 review of this RDEIR/SDEIS is to further the purposes of both CEQA and NEPA. Because the
8 RDEIR/SDEIS addresses a project of interest and importance to the people, economy, and
9 environment of the State of California, the Lead Agencies determined that additional formal public
10 input was both desirable and appropriate.

11 Pursuant to the directives of CEQA, where a lead agency recirculates only revised portions of an EIR,
12 the lead agency may require commenters to limit their new comments to the new material in the
13 recirculated portions of the prior document and may preclude the commenters from commenting
14 anew on topics or text not subject to a partial recirculation. After the additional round of public
15 review is over and the CEQA lead agency is preparing its final EIR, "[t]he lead agency need only
16 respond to (i) comments received during the initial circulation period that relate to chapters or
17 portions of the document that were not revised and recirculated, and (ii) comments received during
18 the recirculation period that relate to the chapters or portions of the earlier EIR that were revised
19 and recirculated" (State CEQA Guidelines Section 15088.5[f][2]).

20 NEPA and the CEQ NEPA Regulations are silent on these issues, but the concept of a "supplement" to
21 a Draft EIS strongly suggests that comments should be limited to material found within the bounds
22 of that new document, and should not address matters already subjected to public review as part of
23 the original Draft EIS.

24 In light of the foregoing, the Lead Agencies direct that public comments be restricted to the newly
25 circulated information contained in the RDEIR/SDEIS. In other words, *the partial recirculation is not*
26 *an opportunity to resubmit comments on previously published topics, or to add additional comments*
27 *on previously published topics.* The comments previously submitted on the Draft EIR/EIS remain a
28 part of the record and will be responded to in the Final EIR/EIS. Readers are therefore directed not
29 to make comments on issues not directly contained in this RDEIR/SDEIS. The Lead Agencies do not
30 intend to respond to any new comments on the original Draft EIR/EIS that are not addressed in the
31 RDEIR/SDEIS. The Final EIR/EIS will include written responses to comments on both the
32 RDEIR/SDEIS and the original Draft EIR/EIS. If comments on the original Draft EIR/EIS no longer
33 apply based on the RDEIR/SDEIS analyses or project changes, the response will indicate that the
34 comment has been addressed by the RDEIR/SDEIS or that the comment was not addressed because
35 of the changes presented in the RDEIR/SDEIS.

36 **1.3 Contents of the RDEIR/SDEIS**

37 Following the extended public review of the Draft EIR/EIS, the Lead Agencies reviewed public and
38 agency comments and continued to identify ways in which the BDCP and Draft EIR/EIS could be
39 improved or alternative implementation strategies could be proposed to increase benefits and
40 reduce potential environmental effects. The following is an overview description of the topics and
41 types of revisions presented in the RDEIR/SDEIS, including additional context that describes the
42 reasons why specific topics are included. For a visual representation of how the document is laid out

1 and how various segments relate to one another, please see the *Document Review Road Map* at the
2 beginning of this document.

3 The RDEIR/SDEIS presents new information and addresses project revisions in several
4 complementary ways. First, in many instances, new information and project changes are addressed
5 in a series of discussions of particular topics that lend themselves to a narrative format (presented
6 in Section 2.0, *Substantive Draft EIR/EIS Revisions*). Each of these discussions is a standalone essay
7 on a discrete topic that has received substantive public comment. The Lead Agencies have taken this
8 approach to make this document as user friendly as possible, and to avoid reprinting thousands of
9 pages on which, under a different approach, minor modifications might have been made. Second,
10 where the “essay” format was not workable or appropriate, or where actual text changes were
11 necessary to complement particular essays, this RDEIR/SDEIS includes modified excerpts of text
12 that originally appeared in the Draft EIR/EIS, with underlining showing new language and strikeout
13 showing text being eliminated. These underline/strikeout revisions are referenced in the main text
14 of the RDEIR/SDEIS as Appendix A, *Revisions to the Draft EIR/EIS*, which contains the actual text
15 revisions. To give readers the best possible sense of the context in which such text changes occur,
16 Appendix A includes section headings before and after modified passages, so that readers can
17 understand precisely where, within Draft EIR/EIS chapters, the revisions occur. Appendix A does
18 not include text changes that are either repetitive with the text presented in the RDEIR/SDEIS or are
19 non-substantive. The Final EIR/EIS will include the entire presentation of all text changes made to
20 the Draft EIR/EIS.

21 Many of the RDEIR/SDEIS revisions are focused on changes made to CM1 under Alternative 4 (i.e.,
22 related to modification of the north Delta intakes or water conveyance facilities) or to Alternatives
23 4A, 2D, and 5A (related to the alternative implementation strategy). This is appropriate because
24 revisions are limited in most cases to Alternatives 4, 4A, 2D, and 5A and Alternative 4A is now the
25 Preferred Alternative for CEQA and NEPA purposes. Consistent with the ongoing environmental
26 review through CEQA and NEPA, Reclamation and DWR continue to modify the proposal to improve
27 it from an environmental standpoint, and such changes in the proposed project do not necessitate
28 parallel revisions to other alternatives addressed in the Draft EIR/EIS. There are some instances,
29 however, in which changes to the description, analysis, or assumptions relating to Alternative 4, as
30 well as changes made in response to relevant comments, have also required revisions to the
31 descriptions or discussion of other alternatives. The categories of revisions presented in the
32 RDEIR/SDEIS are described below.

33 **1.3.1 Substantive Draft EIR/EIS Revisions**

34 This RDEIR/SDEIS presents revisions to the Draft EIR/EIS in Section 2, *Substantive Draft EIR/EIS*
35 *Revisions*, in a variety of ways, as indicated above. Based on public and technical review, a number of
36 resource topics requiring revision are presented in a narrative format to highlight important
37 revisions, provide sufficient context about the revisions, and add an explanation about how the
38 revision improved the analysis. Each subsection, where appropriate, references Appendix A, which
39 contains the in-text analysis changes. The topical essays in Section 2 of this RDEIR/SDEIS are listed
40 below.

- 41 ● Section 2.1, *Improved Fish and Aquatic Habitat Analyses*, summarizes revisions made to Chapter
42 11, *Fish and Aquatic Resources*, of the Draft EIR/EIS, including a discussion about improvements
43 to the rationale provided for impact conclusions and methods for determining impacts on fish
44 and aquatic habitat.

- 1 • Section 2.2, *Water Quality Revisions*, describes additional analyses undertaken to more
2 accurately characterize the potential for exceedances of water quality standards and
3 summarizes associated revisions.
- 4 • Section 2.3, *Air Quality, Health Risk Assessment, Transportation, and Noise Revisions*, presents
5 revised emissions calculations based on improved construction assumptions and updates the
6 health risk assessment, traffic, and noise analyses to reflect improved construction data.
- 7 • Section 2.4, *Revised Project Description and Enhanced Level of Detail*, presents additional
8 revisions that explain how, for the purposes of CEQA and NEPA, project-level detail is included
9 for water conveyance facilities and provides additional information about early implementation
10 actions including examples of habitat restoration and enhancement activities.
- 11 • Section 2.5, *Analysis of Geotechnical Investigations*, provides an explanation about the method for
12 incorporating analyses of geotechnical investigations into the analysis of the water conveyance
13 facilities construction.

14 **1.3.2 Alternative 4 Revisions**

15 Following presentation of these topical essays, Section 3, *Conveyance Facility Modifications to*
16 *Alternative 4*, provides an overview of the optimized design of water conveyance facilities associated
17 with Alternative 4, and a discussion of the impacts and other associated text revisions made in each
18 affected resource chapter. This summary provides references to the applicable text revisions
19 presented in Appendix A. All the resource topics substantively affected by the modified conveyance
20 facility design are addressed in this discussion. These topics are surface water, groundwater, water
21 quality, fish and aquatic resources, terrestrial biological resources, land use, agricultural resources,
22 recreation, aesthetics and visual resources, cultural resources, transportation, public services and
23 utilities, energy, air quality, noise, hazards and hazardous materials, public health, minerals, and
24 paleontological resources. As noted previously, Alternative 4A, and to some extent Alternatives 2D
25 and 5A, incorporate Alternative 4's conveyance facility elements, including the revisions contained
26 herein.

27 **1.3.3 Alternative 4A, 2D, and 5A Analyses**

28 Description and analysis of Alternatives 4A, 2D, and 5A are presented in Section 4, *New Alternatives:*
29 *Alternatives 4A, 2D, and 5A*. Analyses presented in this section address impacts for all the resource
30 topics considered in the Draft EIR/EIS. Impacts for which substantive differences than those under
31 Alternative 4 have been identified are presented in full impact format with CEQA conclusions and
32 NEPA effects and proposed mitigation measures where they are feasible and required to reduce a
33 significant impact. This RDEIR/SDEIS is intended to provide project-level assessment of the
34 potential effects of these three new alternatives, including project-specific mitigation. Impact
35 analyses also include revisions made to the No Action Alternative for the limited purpose of
36 providing a logical point of comparison for the NEPA analysis of Alternatives 4A, 2D, and 5A.

37 **1.3.4 Cumulative Impact Analyses**

38 In response to comments and in light of new information since the release of the Notice of
39 Preparation (NOP) in 2009, this RDEIR/SDEIS includes additional probable or reasonably
40 foreseeable proposed projects that, when considered together with the action alternatives
41 (including Alternatives 4A, 2D, and 5A), could have a significant cumulative effect. The analysis

1 includes a discussion of the California Water Action Plan, California EcoRestore and the Sustainable
 2 Groundwater Management Act to describe the roles of the new Delta conveyance facilities and the
 3 habitat restoration in the context of the state’s comprehensive vision for water management in
 4 California. This section also addresses the potential for cumulative effects of implementing the
 5 action alternatives in conjunction with these parallel efforts. The Draft EIR/EIS cumulative impact
 6 analyses have been revised to consistently reflect the two-step process required by CEQA.

- 7 1. Are the combined effects from both the proposed project and other projects “cumulatively
 8 significant”?
- 9 2. If yes, is the proposed project’s incremental effect “cumulatively considerable” and thus
 10 significant?

11 The cumulative impact analysis is prefaced with a supplemental discussion summarizing any effects
 12 on a resource area associated with implementing other project actions concurrently with
 13 conveyance facility construction.

14 **1.3.5 Draft EIR/EIS In-Text Chapter Revisions**

15 Table 1-2 provides an overview of the Draft EIR/EIS chapters in which substantive changes have
 16 been made in this RDEIR/SDEIS and the topics that are addressed in each chapter as shown in
 17 Appendix A. Although text in many Draft EIR/EIS chapters is likely to be revised consistent with the
 18 approach in the RDEIR/SDEIS, portions of chapters and associated appendices that are recirculated
 19 include only those portions of text requiring substantial revisions and needed to convey the new
 20 information or analyses. This presentation allows for a more streamlined approach to conveying
 21 additional information in the RDEIR/SDEIS. Additional revisions may appear in the Final EIR/EIS.

22 **Table 1-2. Summary of Portions of Draft EIR/EIS Revised in RDEIR/SDEIS**

Revised Chapter(s)	Topics Revised or Added
Chapter 3, <i>Description of Alternatives</i>	<ul style="list-style-type: none"> • Revisions to water conveyance facilities under Alternative 4 • Analysis of geotechnical investigations • Revisions to discussion of environmental commitments • Improvements to description/analysis level of detail • Revisions to construction assumptions associated with Alternative 4 • Revisions to other aspects of the BDCP conservation strategy
Appendix 3B, <i>Environmental Commitments, AMMs and CMs</i>	<ul style="list-style-type: none"> • This appendix has been substantially revised and expanded to include a discussion of how these measures reduce impacts.
Chapter 5, <i>Water Supply</i>	<ul style="list-style-type: none"> • Revisions to cumulative impact analysis • Other revisions based on technical comments • Discussion of water rights modifications as they pertain to consumptive water use from restored habitat

Revised Chapter(s)	Topics Revised or Added
Chapters 6, 7, 9, 13, 16, 17, 18, 20, 21, 24, 25, 26, 27, 28, 30, <i>Surface Supply, Groundwater, Geology and Seismicity, Land Use, Socioeconomics, Aesthetics and Visual Resources, Cultural Resources, Public Services and Utilities, Energy, Hazards and Hazardous Materials, Public Health, Minerals, Paleontological Resources, Environmental Justice, Growth Inducement and Other Indirect Effects</i>	<ul style="list-style-type: none"> • Revisions to water conveyance facilities under Alternative 4 • Analysis of geotechnical investigations • Revisions to cumulative impact analysis • Other revisions based on technical comments
Chapter 8, <i>Water Quality</i>	<ul style="list-style-type: none"> • Revisions to assessment of key water quality constituents • Revisions to water conveyance facilities under Alternative 4 • Analysis of geotechnical investigations • Revisions to cumulative impact analysis • Other revisions based on technical comments
Chapters 10, 12, 14, 15, <i>Soils, Terrestrial Biological Resources, Agricultural Resources, Recreation</i>	<ul style="list-style-type: none"> • Revisions to water conveyance facilities under Alternative 4 • Analysis of geotechnical investigations • Revisions to cumulative impact analysis • Other revisions based on technical comments
Chapter 11, <i>Fish and Aquatic Resources</i>	<ul style="list-style-type: none"> • Revisions to aquatic species impact discussion based on technical comments • Revisions to water conveyance facilities under Alternative 4 • Analysis of geotechnical investigations • Revisions to cumulative impact analysis • Improvements to description/analysis level of detail
Chapters 19, 22, 23, <i>Transportation, Air Quality and Greenhouse Gas Emissions, Noise</i>	<ul style="list-style-type: none"> • Revised analysis based on updated construction assumptions • Revisions to water conveyance facilities under Alternative 4 • Analysis of geotechnical investigations • Revisions to cumulative impact analysis • Other revisions based on technical comments
Chapter 31, <i>Other CEQA/NEPA Required Sections</i>	<ul style="list-style-type: none"> • Improvements to description/analysis level of detail • Other revisions based on technical comments

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2 **1.4 Revisions to be Included in the Final EIR/EIS**

3 The Lead Agencies have identified a number of additional issues raised in public and technical
4 review of the Draft EIR/EIS that do not warrant inclusion in the RDEIR/SDEIS but would be
5 explained or addressed in the Final EIR/EIS revisions. As explained in Section 1.1.2, *Legal Basis for*
6 *Recirculation*, the additional information and analyses in the RDEIR/SDEIS are included if they meet
7 the CEQA definition of significant new information or NEPA requirements for preparing a
8 supplement to the EIS. The following issues will be addressed in the Final EIR/EIS, but not in this
9 RDEIR/SDEIS.

1.4.1 Comments and Responses on the Public Draft EIR/EIS

Comments received on the Draft EIR/EIS and all comments received on the RDEIR/SDEIS will be presented with responses in the Final EIR/EIS as required by CEQA and NEPA.

1.4.2 Additional Alternatives

The RDEIR/SDEIS includes revisions to Alternative 4 and new sub-alternatives, Alternatives 4A, 2D, and 5A in response to comments received on Alternative 4 in the Draft EIR/EIS and the change in ESA regulatory compliance approach. No other alternatives are included in the RDEIR/SDEIS because the original 15 action alternatives, along with Alternatives 4A, 2D, and 5A and the no action/no project alternative, meet CEQA and NEPA requirements to present and consider a reasonable range of alternatives to the proposed action. Draft EIR/EIS Appendix 3A, *Identification of Water Conveyance Alternatives, Conservation Measure 1*, and Appendix 3G, *Background on the Process of Developing the BDCP Conservation Measures*, discuss how alternatives were developed for inclusion in the Draft EIR/EIS. Responses to comments received on the adequacy of alternatives addressed in the Draft EIR/EIS will be provided in the Final EIR/EIS.

1.4.3 Comparison of Alternatives Summary

The Final EIR/EIS will include summary alternative comparison tables in the Executive Summary and resource chapters that compare selected impact information across all the alternatives presented in the Draft EIR/EIS and RDEIR/SDEIS.

1.4.4 Additional Discussion of Climate Change Uncertainties and Outcomes

A number of comments requested that additional information be provided presenting the reasoning for the Lead Agencies' decision to assume current operations and current regulations in the modeling for future SWP and CVP operations given the potential influence of climate change on future operations and in light of the requested 50 year permit assurances with the BDCP. An explanation and analysis describing potential scenarios for future SWP/CVP system operations and uncertainties will be provided in the Final EIR/EIS.

1.5 Format of the RDEIR/SDEIS

The RDEIR/SDEIS is organized as shown below. Note that main portions of the RDEIR/SDEIS are called *Sections* rather than *Chapters*. This is to distinguish references to chapters in the Draft EIR/EIS from references to other sections in the RDEIR/SDEIS.

Section 1, Introduction. This section contains an overview of the background and context and purpose for the RDEIR/SDEIS, a summary of contents and topics addressed and not addressed in the document, and the organization and public review process for the document.

Section 2, Substantive Draft EIR/EIS Revisions. This section provides narrative text describing the approach and consequences of the substantive revisions made in the RDEIR/SDEIS.

1 **Section 3, Conveyance Facility Modifications to Alternative 4.** This section provides a summary
2 of the Alternative 4 revisions by resource chapter with references to Appendix A in-text revisions.

3 **Section 4, New Alternatives: Alternatives 4A, 2D, and 5A.** This section describes the new
4 Alternatives 4A, 2D, and 5A actions, ESA compliance approach, and impacts and mitigation
5 measures.

6 **Section 5, Revisions to Cumulative Impact Analyses.** This section presents analyses considering
7 additional cumulative projects, and analyses and discussion of the California Water Action Plan,
8 California EcoRestore and Sustainable Groundwater Management Act.

9 **Section 6, List of Preparers.** This section identifies the individuals who prepared the RDEIR/SDEIS.

10 **Appendix A, Revisions to the Draft EIR/EIS.** This appendix provides text changes and additions
11 made to each applicable chapter and appendix of the Draft EIR/EIS, including revisions to Appendix
12 3B.

13 **Appendix B, Supplemental Modeling Results for New Alternatives.** This appendix provides
14 additional CALSIM II, DSM2, and other modeling results referenced for Alternative 4A, 2D, and 5A
15 operations impacts.

16 **Appendix C, Supplemental Modeling Requested by the State Water Resources Control Board
17 Related to Increased Delta Outflows.** This appendix provides supplemental modeling for use in
18 the State Water Board permit process.

19 **Appendix D, Substantive BDCP Revisions.** This appendix provides BDCP revisions that have been
20 made following circulation of the Draft EIR/EIS and that are referenced in the RDEIR/SDEIS.

21 **Appendix E, Supplemental Information for U.S. Army Corps of Engineers Permitting
22 Requirements.** This appendix provides additional information needed for USACE wetland,
23 navigation, levee modification and cultural resources permitting processes.

24 **Appendix F, Supplemental Modeling Results at ELT for Alternative 4.** This appendix provides
25 supplemental CALSIM II and DSM2 results for Alternative 4 at the early-long-term that describe H1
26 and H2 operations scenarios.

27 **Appendix G, Alternative 4A (Proposed Project) Compatibility with the Delta Plan.** This
28 appendix discusses an approach that may be considered for Alternative 4A, the proposed project, to
29 meet the Delta Plan Consistency requirements.

30 **1.6 Public Review Process for RDEIR/SDEIS**

31 This RDEIR/SDEIS is being noticed and circulated for public review, in the same manner as the draft
32 documents that were issued for public review on December 13, 2013. The steps in the public review
33 process are listed below.

- 34 • Prepare an NOA for the RDEIR/SDEIS for CEQA purposes and file it with the State Clearinghouse
35 (already completed).
- 36 • Transmit published RDEIR/SDEIS to State Clearinghouse and EPA; EPA publishes an NOA in the
37 Federal Register announcing availability and the review period for the revised documents
38 (already completed).

1 • Provide notices of the revised document’s availability in newspapers, in public locations, and to
2 agencies and individuals (already completed).

3 • Circulate the RDEIR/SDEIS for no less than a 45-day public review period.

4 Following the close of the public review period, the lead agencies will:

5 • Consider and respond to all significant environmental issues raised in comments on the
6 RDEIR/SDEIS (along with comments previously received on the Draft EIR/EIS).

7 • Incorporate revisions and response to comments into the Final EIR/EIS.

8 Following incorporation of supplemental information and response to comments into the final
9 documents, the Final EIR/EIS will be circulated for a 30-day NEPA review period.

10 **1.7 References**

11 California Department of Water Resources. 2009. *California Water Plan Update 2009*. Bulletin 160-
12 09. Available: < <http://www.waterplan.water.ca.gov/cwpu2009/>>. Accessed: June 10, 2013.

13 Delta Protection Commission. 2011. October 10, 2011. Public Draft (Revised). *Economic*
14 *Sustainability Plan for the Sacramento-San Joaquin Delta*. Adopted by the Delta Protection
15 Commission on October 25, 2011. Access date: January 25, 2012. Available:
16 http://www.delta.ca.gov/res/docs/ESP_10_10_11.pdf.