

## **Summary of Revisions to the September Draft of the Adaptive Management Plan for the College Lake Integrated Resources Management Project**

Below is a summary of the revisions that have been made to the September draft of the Adaptive Management Plan (AMP) to produce the November draft. The November draft also includes an appendix (Appendix J) that provides responses to all comments submitted by members of the Ad Hoc Adaptive Management Plan Committee (Committee).

### **Acronyms and Abbreviations**

- Minor edits have been made to the list of acronyms and abbreviations of the September draft of the AMP.

### **Species Names**

- Minor edits have been made to the list of species names of the September draft of the AMP.

### **1 Overview**

#### **1.1 Purpose of the Adaptive Management Plan**

- This section has not been revised.

#### **1.2 Adaptive Management Plan Development**

- Text has been added to this section stating that the development and subsequent implementation of this plan is also required by the Project's Water Right Permit (in addition to the PEIR requirement).
- Minor edits have also been made to this section.

##### **1.2.1 EIR Requirements**

- Minor edits have been made to this section.

##### **1.2.2 Regulatory Compliance and Related Plans**

- Text has been added to this section stating that the implementation of required avoidance and minimization measures and related monitoring and management plans and their implementation during O&M is part of the AMP and its implementation.
- Minor edits have also been made to this section.

##### **1.2.3 Ad Hoc Adaptive Management Plan Committee**

- A general description of comments by Committee members and of revisions made in response to those comments has been added to this section. (Submitted Committee member comments and responses to them have been provided as Appendix J.)
- Minor edits have also been made to this section.

#### **1.3 Organization of This Document**

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- This section has been updated in response to changes to section titles, and to include descriptions of additional appendices.

## **2 College Lake Setting**

### 2.1 Regional Setting

- A brief description of historical hydrology has been added to this section.

### 2.2 Land Cover

- Revisions have been made to the description of seasonal wetlands.

### 2.3 Biological Resources

- Almost all text in this section was not previously distributed for review, either because only a placeholder was included in the September draft or the text provided in the September draft has been replaced.

### 2.4 Cultural Resources

#### 2.4.1 Archaeological Resources

- Only minor edits have been made in this section.

#### 2.4.2 Historical Resources

- Only minor edits have been made in this section.

#### 2.4.3 Plants and Animals of Cultural Significance

- This text was not previously distributed for review. This brief section was added after the September draft was distributed.

### 2.5 Existing Management of College Lake

#### 2.5.1 Water Management

- This section has not been revised.

#### 2.5.2 Farming

- This section has not been revised.

#### 2.5.3 Mosquito Abatement

- This text in this section has been substantially revised from that in the September draft.

## **3 College Lake Integrated Resources Management Project**

### 3.1 Project Design

- This section has not been revised.

### 3.2 Project Operations

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- Only minor edits have been made in this section.

### 3.3 Project Maintenance

#### 3.3.1 Weir Structure, Pump Station, Water Treatment Plant, and College Lake Pipeline

- Only minor edits have been made in this section.

#### 3.3.2 College Lake Water Storage Area

- Text has been revised to clarify that disking, tilling, and mowing would not be conducted throughout the lakebed to preempt establishment and development of woody vegetation, but in response to woody plant establishment in portions of the lakebed if necessary to prevent development of riparian vegetation.
- Minor edits have also been made in this section.

### 3.4 Anticipated Inundation and Land Cover Changes and Related Uncertainties

- Text has been added to this section describing the uncertainties associated with the changes summarized in Table 3-3, most of which are a focus of the monitoring described in the AMP.

## 4 Adaptive Management Framework

- Major revisions have been made to Table 4-1, which contains the text of the AMP's objectives, metrics, action triggers, and potential management actions. This content has been a focus of Committee meetings and of comments.

### 4.1 Objectives

- Text has been added clarifying that actions taken to attain an objective of the AMP cannot conflict with the AMP's other objectives or with the objectives of the Project.
- Minor edits have also been made in this section. (This section does not contain the AMP's objectives; those are in Table 4-1.)

### 4.2 Metrics

- Only minor edits have been made in this section. (This section does not contain the AMP's monitored metrics; those are in Table 4-1.)

### 4.3 Triggers and Management Actions

- Only minor edits have been made in this section. (This section does not contain the AMP's action triggers and potential management actions; those are in Table 4-1.)

## 5 Monitoring and Targeted Studies

- Almost all text in this chapter was not previously distributed for review, either because only a placeholder was included in the September draft or the text provided in the September draft has been replaced.

## 6 Reporting and Plan Updates

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#### 6.1 PV Water Evaluations

- This section has not been revised.

#### 6.2 Reporting

- Text has been added stating that annual monitoring reports and reports on targeted studies completed will be attachments to the annual memorandum
- Minor edits have also been made in this section.

#### 6.3 Plan Updates

- Text has been added stating that the first 5 years of Project O&M, monitoring results and documented management activities will have provided a sound basis for evaluating, where appropriate revising, all objectives, monitoring methods, metrics, action triggers, and potential management actions.
- Minor edits have also been made in this section.

### 7 References

- This section was previously provided for review, but has been updated to include references cited in text that has since been revised or added.

### Appendices

#### A. Measures to Avoid and Minimize Impacts of Operations and Maintenance Activities

- This appendix was previously distributed as a meeting material but several previously omitted measures have been added to it. (The adopted mitigation monitoring and reporting plan (MMRP) measures are no longer subject to review; and no Committee review of anticipated biological opinion measures is being sought.)

#### B. Water Quality Monitoring Plan

- Appendix contains approved water quality monitoring plan. (This plan is not subject to further review and revision.)

#### C. Steelhead Monitoring Plan—*Forthcoming*

#### D. Invasive Species Management Plan

- Appendix contains approved invasive species management plan. (This plan is not subject to further review and revision.)

#### E. Revegetation Plan

- Appendix contains approved revegetation plan. (This plan is not subject to further review and revision.)

#### F. Seasonal Wetland Monitoring Methodology

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- Appendix was not previously distributed for review. It provides the full description of the seasonal wetland monitoring plan.

**G. Plant Species List**

- This appendix was not previously distributed for review. It provides a list of the vascular plants that have been observed at College Lake.

**H. Bird Species List**

- This appendix was not previously distributed for review. It provides a list of the bird species that have been observed at College Lake during monitoring conducted for the Project.

**I. Ad Hoc Adaptive Management Plan Committee Meeting Summaries**

- This appendix will contain the approved committee meeting summaries. Currently it contains the approved meeting summaries for the first two meetings.

**J. Ad Hoc Adaptive Management Plan Committee Member Comments**

- This was not previously distributed for review. It provides the comments submitted by committee members and responses to those comments.