

Chapter 3

Text Changes to the Draft Environmental Impact Report

Introduction

This chapter contains revisions to the text of the DEIR for the DS Canal Flume Replacement Project. Text changes are intended to clarify or correct information in the DEIR in response to comments received on the document. This includes minor, clarifying revisions made by NID. Revisions are shown with strikethrough text for deletions (~~strikethrough~~) and underlined text for additions (underline). The changes appear in the order of their location in the draft EIR, and are organized by chapter. No text changes are being made to any chapters that are not listed below.

Chapter 1, Executive Summary

Table 1-1 Proposed Approvals. Add the following agencies approvals:

California Department of Fish and Game Streambed Alteration Agreement

State Water Resources Control Board NPDES permit

Page 1-3: The first paragraph, revise as follows:

The lining is expected to be ~~25 feet to 100 feet~~ a total of 90 feet to 100 feet long on each site.

(Note, this revision is intended to correct any other place in the DEIR that this language appears. For example, on page 1-4, bullet 3; page 3-2; and page 4.3-2.)

Page 1-8: Under Flume 19 –

Construction would include the removal of some large trees and ~~accessing is to be determined in addition~~ access via Woodwardia Place and Manhattan Mine Road.

Page 1-10: Delete the text following Alternative 3 such that Alternative 4 Walkway on Steel Pipe with Steel Support Structure becomes Alternative 3.

Page 1-11: Renumber Alternative 5 as Alternative 4 and Alternative 6 as Alternative 5.

Page 1-12: Renumber Alternative 7 as Alternative 6.

Chapter 3, Project Description

Page 3-6: The second paragraph under “General Construction Activities” is revised to read as follows and a new figure added.

During the construction period, access to the work area would vary depending on the locations of the flumes. Equipment and workers generally would access the flumes along the existing canal berm from the nearest road. Figure 3-1 illustrates the area roads that will provide access to the construction sites. Construction equipment would use existing roads and rights-of-way to reach the sites, except as noted above, and would not require the creation of any new permanent access roads. Staging areas would be located near each flume and the access. The actual work area for the construction of the flumes would be approximately 40 feet wide. Temporary access roads may be required because of limited accessibility at some flume locations.

Chapter 4.3, Biological Resources

Page 4.3-24. Mitigation Measure BIO-4 is revised, as follows:

Mitigation Measure BIO-4. Retain a Biologist to Monitor Construction Activities

NID will retain qualified biologists to monitor construction activities adjacent to ESAs (i.e., sensitive biological resources) during construction and clean up after construction. This will include undertaking a pre-construction survey for California horned lizard along the canal berms not more than 24 hours prior to the commencement of construction activities. The biologists will assist the construction crew, as needed, to comply with all project implementation restrictions and guidelines. In addition, the biologists will be responsible for ensuring that NID or its contractor maintains the staked and flagged perimeters of the construction area and staging areas adjacent to sensitive biological resources.

Chapter 4.4, Cultural Resources

Page 4.4-7. The following text and Mitigation Measure CR-1 are added at the end of the discussion in Impact CR-1. In addition, Mitigation Measures CR-1 (Implement Plan to Address Discovery of Unanticipated Buried Cultural or

Paleontological Resources) and CR-2 (Implement Plan to Address Discovery of Human Remains) of the DEIR are renumbered to Mitigation Measures CR-2 and CR-3, respectively, in this final EIR.

Although the project will have no impact on historic resources, the historic preservation community has asked that the existing flumes be documented before their removal. NID adopts the following mitigation measure in response to that request.

Mitigation Measure CR-1. Prepare and Maintain a Photographic Record of the Flumes Prior to Demolition.

NID will photographically document the existing flumes prior to demolition, with descriptions of various components of the structure, including inlets, outlets, supports, footings, ladders, spills, and a picture of each flume. NID staff will take the pictures, provide caption descriptions, provide narrative describing the purpose/function of the system and prepare a booklet containing this material. Copies of the booklet will be provided to the local library within 60 days after the last photos have been taken. NID will complete the taking of pictures not less than 30 days prior to construction of the first flume.

Chapter 4.6, Hazards and Hazardous Materials

Page 4.6-11. Mitigation Measure HAZ-1 is revised, as follows:

Mitigation Measure HAZ-1: Prepare and Implement Soil Management Plan to Avoid Release of Metals in Soil During Construction.

NID or its contractor will submit to the County Department of Environmental Health sufficient information to characterize the soil contamination at the Gracie Road crossing site. This will include soil sampling results and drawings of the proposed excavation and work areas. NID or its contractor will notify the County Department of Environmental Health not less than 72 hours in advance of soil sampling to enable the Department to observe the sampling.

NID, in cooperation with the County Department of Environmental Health, will prepare and implement a soil management plan to avoid a release of soilborne contaminants, subject to the direction, review, and approval of the County Department of Environmental Health. The plan will ~~provide~~ include direction for construction activities to avoid the release of contaminants to air, soil, or water; the temporary storage of excavated soil to avoid the release of contaminants to air, soil, or water as excavation progresses; and the disposition of any contaminated soils ~~remaining after removed during the~~ installation of the replacement culverts. NID and its contractor will implement the soil management plan in coordination with and under the oversight of the County

Department of Environmental Health and will not reuse any excavated soil that is contaminated at the Gracie Road Crossing. Contaminated soils removed from the site will be disposed of in an approved disposal site.

Chapter 4.10, Transportation and Traffic

Page 4.10-4. The first paragraph under Impact TRANS-1 is revised, as follows:

Workers are expected to drive to the site each day in light trucks or personal vehicles. The number of trips would depend on the number of workers at any given time at a particular flume site. Although the actual number of trips would vary depending on the length or height, or both, of each flume, approximately 10 tractor-trailer truck trips would occur at each of the flume sites to deliver materials during the construction period. Depending on access, workers may be shuttled to the construction site. Access to the project site will be along the roads shown in Figure 3-1.

Page 4.10-6. Mitigation Measure TRANS-3 is revised, as follows:

Mitigation Measure TRANS-3. Notify Residents of Local Construction Schedule and Access Restrictions.

To ensure that potentially affected local residents are made aware of the project's construction schedule as feasible, NID will implement an outreach plan so that residents' traffic patterns are not adversely affected. NID will be the body responsible for providing notice. This plan shall include:

- Written notice via fliers or letters provided to affected neighbors at least two weeks prior to the commencement of construction in their area with information about anticipated work dates, traffic controls, and a contact person at NID who can provide more information;
- Posting of notification of the construction schedule on the NID website and near the Gracie Road worksite prior to the start of construction; and
- Notification of the County sheriff's department and the Nevada County Consolidated Fire District of anticipated traffic controls and related work prior to the commencement of work.

Chapter 5, Alternatives

Page 5-54. The discussion under "Comparison with the Project" is revised as follows to make it consistent with the paragraph that precedes it in the DEIR text:

Comparison with the Project

In comparison with the project, Alternative 4 3 reduces the following impacts from less than significant with mitigation to no impact:

- air quality,
- biological resources,
- cultural resources,
- geology and soils, and
- transportation and traffic.

In comparison to the project, Alternative 4 3 also reduces the significant and unavoidable Noise and Aesthetic impacts to no impact, the less than significant with mitigation Hydrology and Water Quality impacts to less than significant, and the less than significant Land Use and Planning impacts to no impact. There would be no impact to Population and Housing under both the project and Alternative 4 3.

However, in comparison to the project, Alternative 4 3 would increase Hazards and Hazardous Waste impacts from less than significant with mitigation to significant and unavoidable.

Chapter 7, References

The following additional references were used in preparing the responses to comments contained in this Final EIR.

EMKO Environmental, Inc. 2009. "Technical Review of Hydrology Issues DS Flumes Replacement." Letter to Nevada Irrigation District. August 25, 2009.

Holdrege and Kull. 2009. "Opinions Regarding Groundwater Quality and Availability." Letter to Nevada Irrigation District. June 30, 2009.

Nevada Irrigation District. 2005. *Raw Water Master Plan Update, Phase I: Technical Analysis, Volume 1 Final Report*. Grass Valley, California. September 2005.

Nevada Irrigation District. 2006. *2005 Nevada Irrigation District Urban Water Master Plan*. Grass Valley, California. January 20, 2006.

Nevada Irrigation District. 2007. Minutes of January 10, 2007 Board Meeting. Agenda Item: "CANAL CONSTRAINTS – Mitigation Plan." Grass Valley, California.

State Water Resources Control Board. 2001. *National Pollutant Discharge Elimination System (NPDES) General Permit For Storm Water*

Discharges Associated With Construction Activity (General Permit) Water Quality Order 99-08-DWQ. Sacramento, California. 2001. Available online at:

<http://www.waterboards.ca.gov/water_issues/programs/stormwater/docs/finalconstpermit.pdf>