

Chapter 4

Errata and Other Changes

4.1 Introduction

This chapter contains revisions (additions, deletions, and corrections) to the contents of the Draft EIS and Supplemental Draft EIS. OEA identified these revisions through its ongoing environmental review and through agency and public comments.

The Supplemental Draft EIS modifies several chapters and sections of the Draft EIS in response to comments on the Draft EIS. Therefore, the following Draft EIS chapters did not require errata in this Final EIS: Chapter 1, Description of the Proposed Action and Purpose and Need, and Chapter 2, Proposed Action and Alternatives.

Similarly, OEA received the majority of agency and public comments on the Draft EIS on resource areas, which were revised for the Supplemental Draft EIS. Therefore, only a few revisions were required for Chapter 3, Affected Environment, of the Draft EIS and for Chapter 4, Environmental Consequences, of the Draft EIS and the Supplemental Draft EIS. These revisions are indicated in Section 4.2 through Section 4.4 of this chapter with underlining (example) used to indicate inserted text and ~~example~~ used to indicate deleted text.

There were many revisions to Chapter 6, Mitigation, of the Draft EIS and Chapter 4, Mitigation, of the Supplemental Draft EIS. However, these chapters are not revised because they have been superseded by Chapter 2, Final Recommended Conditions/Mitigation, of this Final EIS.

4.2 Proposed Action and Alternatives

Chapter 2, Proposed Action and Alternatives, of the Supplemental Draft EIS provides revised analysis and supersedes Chapter 2, Proposed Action and Alternatives, of the Draft EIS.

4.3 Affected Environment

Draft EIS, Page 3-20, Sixth Paragraph

Correspondence from USFWS stated that Bonneville cutthroat trout are found in Chicken Creek (Maddux 2003). Chicken Creek Reservoir lies in the study area, but no Bonneville cutthroat trout are known to inhabit the reservoir (RDCC 2007). Chicken Creek Reservoir is shallow, contains warm water, is not fed by any perennial streams, and dries out most years by irrigators in the Mills Valley. There is another Chicken Creek in Utah that might contain Bonneville cutthroat trout. However, this stream is not located in the project area.

4.4 Environmental Consequences

Draft EIS, Page 4-3, Fourth Paragraph

Valid existing rights include, but are not limited to, rights to use public land for roads, pipelines, buried and overhead power lines, telephone lines, canals, irrigation ditches, state- and county-maintained roads, and other facilities that are held by BLM, other government entities, or private individuals or companies.

Draft EIS, Pages 4-31 and 4-32, Table 4.3-2

Common Name	Scientific Name	State Status	Federal Status	Potential for Negative Impacts from the Proposed Alternatives
Bald eagle	<i>Haliaeetus leucocephalus</i>	SPC	±	Potential for negative impacts is low for both Alternative B and Alternative C. Bald eagles are winter migrants in roost near the project corridor. There is little if any suitable nesting habitat present. <u>The Applicant will implement management practices for raptor protection.</u>
Bonneville cutthroat trout	<i>Oncorhynchus clarkii utah</i>	CS	—	No potential for negative impacts for either Alternative B or Alternative C. Bonneville cutthroat trout do not occur <u>occurs</u> in Chicken Creek Reservoir. No impacts to this reservoir are anticipated from the proposed project.

Supplemental Draft EIS, Page 3-32, Second Paragraph

UDWR has stated that seeps and springs in Juab Valley that are located in the vicinity of the northern portion of the Proposed Action might provide habitat for special-status species such as the Columbia spotted frog (*Rana luteiventris*), least chub (*Iotichthys phlegethontis*), spring snails (*Pyrgulopsis* spp.), or other unusual mollusks or macroinvertebrates. However, contrary to previous speculation by UDWR, populations of least chubs have not been identified in Chicken Creek Reservoir or the surrounding area or in the Sevier Bridge Reservoir (UDWR 2013).

Supplemental Draft EIS, Page 3-32, Seventh Paragraph

Alternative B3/B2 would have the same impact on state sensitive species in the Redmond WMA. However, because Alternative B3/B2 would be east of Chicken Creek Reservoir, impacts on sensitive species that use the area would be avoided. The potential for impacts to these special-status species from the alternatives is low because no impacts to springs or seeps are anticipated with this project alternative.

Cultural Resources - Draft EIS, Section 4.12.2, Resolving Adverse Effects, Pages 4-80 to 4-85; Supplemental Draft EIS, Section 3.6.2.1, Historic Properties, Page 3-34

(This text replaces the previous sections in their entirety.)

Archaeological site impacts were re-evaluated after publication of the Supplemental Draft EIS. The area of potential effects (APE) was defined as an area 50 feet on each side of the proposed rail line right-of-way. Studies determined that up to 36 sites identified within the APE are properties that are eligible for or unevaluated for listing on the National Register of Historic Places and might be adversely affected by the construction of Alternative B/B2.

Table 4.12-1 presents the historic properties identified. Of the 36 eligible archaeological sites that might be adversely affected, 24 are prehistoric sites, 2 are multi-component sites, 2 are farmsteads or ranch sites, 2 are historic railroads, 3 are canals, and 1 is a historic hay derrick.

In addition, the Old Spanish National Historic Trail is mapped by the National Park Service in the project area (NPS 2014) and might be impacted. However, archaeological surveys in the area where the trail is mapped have not revealed evidence of the trail. Consultation with interested parties is ongoing.

Alternative B3/B2 would affect 4 fewer lithic scatter sites than would Alternative B/B2. However, additional properties might be identified in a survey of Alternative B3. Approximately 8 miles require an intensive cultural resources survey. Of the 36 known or potential historic properties, impacts to some that are situated near the edge of the alternatives' rights-of-way might be avoided by the final design of the rail line.

Table 4.12-1. Historic Properties Located in the Right-of-Way and within a 50-meter Buffer of the Right-of-Way

<u>Site No.</u>	<u>Site Type</u>	<u>Landowner</u>	<u>Impacts^a</u>
<u>42Sv2502 Addendum</u>	<u>Denver & Rio Grande Western Railroad</u>	<u>Private</u>	<u>D</u>
<u>42Sv2738</u>	<u>Farmstead</u>	<u>Private/state</u>	<u>D</u>
<u>42Sv2747</u>	<u>Farmstead</u>	<u>Private</u>	<u>A</u>
<u>42Sv2739</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D</u>
<u>n/a</u>	<u>Old Spanish Trail</u>	<u>Not applicable</u>	<u>Unknown</u>
<u>42Sv2742</u>	<u>Hay derrick</u>	<u>Private</u>	<u>D</u>
<u>42Sv2342 Addendum</u>	<u>Rocky Ford Canal</u>	<u>Private</u>	<u>D</u>
<u>42Sv2343 Addendum</u>	<u>Vermillion Canal</u>	<u>Private</u>	<u>D</u>
<u>42Sp570</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D</u>
<u>42Sp571</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D</u>
<u>42Sp573</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D</u>
<u>42Sp572 (42Sv2344 Addendum)</u>	<u>Piute Canal</u>	<u>State/BLM/private</u>	<u>D</u>
<u>42Sp584</u>	<u>Lithic scatter</u>	<u>State</u>	<u>D</u>
<u>42Sp588</u>	<u>Lithic scatter</u>	<u>State</u>	<u>D</u>
<u>42Sp592</u>	<u>Lithic scatter</u>	<u>State/private</u>	<u>D</u>

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<u>Site No.</u>	<u>Site Type</u>	<u>Landowner</u>	<u>Impacts^a</u>
<u>42Sp18 Addendum</u>	<u>Prehistoric temporary camp</u>	<u>State/private</u>	<u>D</u>
<u>42Sp19 Addendum</u>	<u>Prehistoric temporary camp</u>	<u>State/private</u>	<u>D</u>
<u>42Sp585</u>	<u>Prehistoric temporary camp</u>	<u>State</u>	<u>D</u>
<u>42Sp586</u>	<u>Prehistoric temporary camp</u>	<u>State</u>	<u>A</u>
<u>42Sp587</u>	<u>Prehistoric temporary camp</u>	<u>State</u>	<u>D</u>
<u>42Sp589</u>	<u>Prehistoric temporary camp</u>	<u>State</u>	<u>D</u>
<u>42Sp590</u>	<u>Prehistoric temporary camp</u>	<u>State</u>	<u>D</u>
<u>42Sp591</u>	<u>Prehistoric temporary camp</u>	<u>State</u>	<u>D</u>
<u>42Sp593</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D</u>
<u>42Sp596</u>	<u>Lithic scatter</u>	<u>State</u>	<u>D</u>
<u>42Sp595</u>	<u>Prehistoric camp/historic trash</u>	<u>State</u>	<u>D</u>
<u>42Sp594</u>	<u>Prehistoric habitation site</u>	<u>State</u>	<u>D</u>
<u>42Sp213 Addendum</u>	<u>Prehistoric temporary camp</u>	<u>State/private</u>	<u>D</u>
<u>42Sp598</u>	<u>Lithic scatter</u>	<u>BLM</u>	<u>D</u>
<u>42Sp597</u>	<u>Lithic scatter/Historic trash</u>	<u>BLM</u>	<u>D</u>
<u>42Sp1596</u>	<u>Ranch/farmstead</u>	<u>Private</u>	<u>A</u>
<u>42Jb1396</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>A</u>
<u>42Jb1397</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D*</u>
<u>42Jb1399</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D*</u>
<u>42Jb1400</u>	<u>Lithic scatter</u>	<u>Private</u>	<u>D*</u>
<u>42Jb1041</u>	<u>Union Pacific Railroad</u>	<u>Private</u>	<u>D</u>

^a Impact designations:

D = Direct impact

D* = Impact avoided if Alternative B3 is selected

A = Impact might be avoided by the final construction design because the site boundary is near the edge of or just outside the right-of-way

4.5 Mitigation

See Chapter 2, Final Recommended Conditions/Mitigation, of this Final EIS for OEA's final recommended mitigation measures.