

## ERRATA

### Excelsior Mine Plan of Operations Final Environmental Assessment

Final EA Page #:	17
Existing Heading:	Design Criteria
Resource:	Wildlife
Original Text:	Disturbance: W-1: Restrict use of chainsaws and other motorized equipment activities generating noise above ambient levels from April 1 through September 23 to occur 2 hours after sunrise to 2 hours before sunset.
Added Text:	The Forest programmatic Biological Assessment identifies noise disturbing equipment and conditions which may influence the noise produced. For this project motorized equipment would include motor vehicles, chainsaws, and heavy equipment (i.e. excavators and caterpillar tractor), and any other concussive activities outside of the mine.
Context:	The effects from equipment clarifications to listed species associated with this project did not change the determination.
Final EA Page #:	20
Existing Heading:	Table 1 – Comparison of Alternatives
Resource:	Inventoried Roadless
Existing Text:	Impacts from the slightly expanded footprint of the existing temporary road and mine portals would continue for the length of the permit and until reclamation is complete.
Clarification:	The term “slightly expanded footprint” is referring to brushing and road ditch maintenance of the upper road and the clearing of areas immediately outside both mine portals. It is not meant to infer that the upper road will be lengthened or substantially widened.
Final EA Page#:	23
Existing Heading:	Cumulative Effects
Resource:	Fisheries

Original Text: Based on the conclusion that there would be no direct or indirect effects, there would be no contributions to cumulative effects either.

Clarified Text: Based on the conclusion above in the effects analysis that any sediment produced from the temporary road (mine dumps) would be negligible and undetectable, there would be no contributions to cumulative effects.

Context: Clarifying the cumulative effects analysis

Final EA Page #: 42

Existing Heading: 3.8.1 Affected Environment

Resource: Watershed

Added Text: The Upper North Fork Nooksack Watershed is a Key-Watershed under the Northwest Forest Plan (1994)

Context: This addition would not change the results of the effects analysis. The non-system temporary road (upper road) is an existing road within the Key watershed, reconstruction of this temporary road would not violate the Standards and Guidelines for Key Watersheds.

Final EA Page#: 46

Existing Heading: Cumulative Effects

Resource: Watershed

Original Text: Based on the conclusion that there would be no direct or indirect effects, there would be no contributions to cumulative effects either.

Clarified Text: Based on the conclusion from the effects analysis above that sediment produced from road improvement and use would be negligible, and likely none, there would be no contributions to cumulative effects.

Context: Clarifying the cumulative effects analysis

Final EA Page #: 53

Existing Heading: Grizzly Bear Core Habitat

Resource: Wildlife

Added Text: Habitat: The analysis of no net loss of core habitat for grizzly bears is assessed at a Bear Management Unit (BMU) scale with project impacts evaluated (addition or loss) to 1997 tallied core acres (at the time of the no net loss of core

habitat agreement). The proposed use of the upper road for the 10 year duration of the project would impact 40 core acres within 1/3 mile of the open upper road. This would be considered a loss of core habitat along the route from the Road 37 to the mine portals. After Phase III of the project, road closure and decommissioning, there would be a contribution of 40 acres back to core acres. The project over time would have a no net loss of core habitat, and the BMU would have a current status of no net loss of core habitat due to the past decisions with the 2017 Nooksack Access and Travel Management (ATM) Environmental Assessment and Decision Notice. The cumulative effect of the past actions (now current condition) is that the 2017 ATM decision provided for road closure which resulted in additional core acres, with 78 additional acres in the Wells Creek drainage alone from the closure of Road 3300-033. Even with the proposed projects' impact to 40 core acres in the Wells Creek drainage of the BMU, there would still be a net gain in core acres in the BMU from the 1997 core acres for the BMU in which the project is located.

Context: The effects to the grizzly bear from clarification of core acres associated with this project did not change the determination.

Final EA Page #: 56

Existing Heading: Pileated Woodpecker, other Cavity Excavators and Migratory Landbirds

Resource: Wildlife

Added Text: Disturbance: Impacts from equipment noise would be sporadic throughout the season with birds potentially displaced from the immediate road and mine portal area during periods of activity. The proposed area of potential disturbance is limited in scale and scope to the road prism, < 2.0 acres and given suitable nesting, roosting and foraging woodpecker and landbird habitat beyond the road prism and portals, the proposed action would not contribute to a negative trend in the viability of this management indicator species or other land birds on the Forest.

Context: The effects to these species from disturbance associated with this project did not change the determination.

Final EA Page #: 67

Existing Heading: Table A – Past, Present, and Foreseeable Actions for Cumulative Effects Analysis

Deleted Text: Removed “for Cumulative Effects Analysis”

Context: Due to the title of the table, some may infer that Table A is the cumulative effects analysis. Table A is a list of past, present, and foreseeable future actions within or near the project area, it is not intended to be the cumulative effects

analysis. Cumulative impacts are described in detail in each resource-specific section in Chapter 3 of the EA (pp. 21 – 59).

Final EA Page #:	70
Existing Heading:	Table A – Past, Present, and Foreseeable Actions
Added Text:	Nooksack Access Travel Management Plan added to table
Context:	Wildlife report references the Nooksack Access Travel Management Plan with discussion regarding grizzly bear core habitat.