

3.8 MINERAL RESOURCES

This chapter discusses the potential effects on the site of future mineral resource extraction. This chapter takes into consideration existing mineral resource operations within the Recreation Area, opportunities to use the site for mineral resource extraction, and the overall feasibility of using the site for such purposes following implementation of the proposed action.

3.8.1 AFFECTED ENVIRONMENT

The project site is not zoned as a mineral resource zone by the California Geological Survey (California Geological Survey 2006). The sublease boundary is not mapped as a mineral resource zone on the Los Angeles County General Plan Special Management Areas Map (LACDRP 2006). The sublease boundary is not designated for mineral extraction within the Whittier Narrows Dam Master Plan (USACE 1996). There are no known mineral resources available for extraction in the sublease boundary. The sublease boundary is designated “Open Space” and is zoned as such.

3.8.2 CRITERIA FOR SIGNIFICANCE OF EFFECTS

The effects of an alternative would be considered significant to the mineral resources if the alternative would result in the loss of an area that would otherwise be available for mineral resource extraction.

3.8.3 PROJECT EFFECTS ON MINERAL RESOURCES

3.8.3.1 NO ACTION ALTERNATIVE

The No Action Alternative would have no direct, indirect, or cumulative effect on mineral resources. The sublease boundary would continue to be used for educational and recreational purposes. The sublease boundary is not mapped as a mineral resource zone by the County or the state. No change would occur. Therefore, the No Action Alternative would not result in the loss of an area otherwise available for mineral resource extraction.

3.8.3.2 18,230 SF ALTERNATIVE (PROPOSED ACTION)

The 18,230 SF Alternative would result in modifications to the sublease boundary, including replacement of the existing WNNC and parking lot with a new main building, open air classroom, covered outdoor classroom, parking lot, and constructed riparian/wetland area. No change in use to the sublease boundary would occur. The sublease boundary would continue to be used for educational and recreational purposes. Therefore, the 18,230 SF Alternative would not result in the loss of an area otherwise available for mineral resource extraction. No direct, indirect, or cumulative effects to mineral resources would occur.

3.8 Mineral Resources

3.8.3.3 14,000 SF ALTERNATIVE

See Section 3.8.3.2 above.

3.8.3.4 10,000 SF ALTERNATIVE

See Section 3.8.3.2 above.

3.8.3.5 2,800 SF ALTERNATIVE

See Section 3.8.3.2 above.

3.8.4 MITIGATION MEASURES

No mitigation measures are required.

3.8.5 SIGNIFICANCE SUMMARY

3.8.5.1 No ACTION ALTERNATIVE

Because no action would be taken, there would be no direct, indirect, or cumulative impacts to mineral resource under the No Action Alternative.

3.8.5.2 18,230 SF ALTERNATIVE (PROPOSED ACTION)

See Section 3.8.5.5 below.

3.8.5.3 14,000 SF ALTERNATIVE

See Section 3.8.5.5 below.

3.8.5.4 10,000 SF ALTERNATIVE

See Section 3.8.5.5 below.

3.8.5.5 2,800 SF ALTERNATIVE

The alternatives would not have a direct, indirect, or cumulative effect on mineral resources. The project site is not currently designated a mineral resource area nor is it currently used for mineral resource extraction activities.