

1 **4.17 UTILITIES AND SERVICE SYSTEMS**

Issues & Supporting Information Sources	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the Project:				
a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2

3 **4.17.1 Environmental Setting**

4 The Project would not generate a need for additional wastewater treatment. The small number of
 5 construction workers and the gate operators would be drawn from the local population already
 6 served by wastewater treatment facilities. The Project would not require the construction of
 7 storm water drainage facilities, nor would it require water supplies. Thus, these issue areas are
 8 not discussed further.

9 The nearest solid waste facility that accepts construction and demolition waste is Keller Canyon
 10 Landfill in Pittsburg, approximately 29 miles northwest of the Old River site. This private
 11 facility is one of two active, permitted facilities in Contra Costa County and is permitted to
 12 receive 3,500 tons of solid waste daily. Keller Canyon Landfill has approximately 84 percent
 13 remaining capacity available to accept new waste. It accepts municipal solid waste, non-liquid
 14 industrial waste, contaminated soils, ash, grit, and sludge. The site currently handles
 15 approximately 2,500 tons of waste per day (CIWMB 2008).

16 **4.17.2 Regulatory Setting**

17 The Project is subject to Title 14 of the California Code of Regulations, which outlines standards
 18 for solid waste handling and disposal.

1 **4.17.3 Impacts and Mitigation Measures**

2 **4.17.3.1 No Project**

3 The No Project alternative would not generate solid waste because no development would occur.

4 **4.17.3.2 2-Gates Project**

5 **a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control**
6 **Board?**

7 **No Impact.** See above.

8 **b. Require or result in the construction of new water or wastewater treatment facilities or**
9 **expansion of existing facilities, the construction of which could cause significant**
10 **environmental effects?**

11 **No Impact.** See above.

12 **c. Require or result in the construction of new storm water drainage facilities or expansion of**
13 **existing facilities, the construction of which could cause significant environmental effects?**

14 **No Impact.** See above.

15 **d. Have sufficient water supplies available to serve the project from existing entitlements and**
16 **resources, or are new or expanded entitlements needed?**

17 **No Impact.** See above.

18 **e. Result in a determination by the wastewater treatment provider which serves or may serve the**
19 **project that it has adequate capacity to serve the project's projected demand in addition to the**
20 **provider's existing commitments?**

21 **No Impact.** See above.

22 **f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid**
23 **waste disposal needs**

24 **Less than Significant.** The Project would generate minimal amounts of solid waste during
25 construction and operations. Dredged material would be disposed of on Bacon Island, and
26 materials removed at the end of five-year demonstration period would be reused to the extent
27 **feasible. The** nearby landfill has sufficient capacity to accommodate solid waste generated by the
28 Project.

29 **g. Comply with federal, state, and local statues and regulations related to solid waste**

30 **Less than Significant.** The solid waste would be disposed of in accordance with all regulatory
31 requirements.

1 **4.17.3.3 Cumulative Impacts**

2 The Project would generate minimal solid waste during construction and operations that could
3 readily be accommodated by area landfills. Any cumulative impacts would be less than
4 significant.